

# **Electric Power Monthly August 2004**

**With Data for May 2004**

**Energy Information Administration**  
Office of Coal, Nuclear, Electric and Alternate Fuels  
U.S. Department of Energy  
Washington, DC 20585

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# Preface

The Electric Power Monthly (EPM) presents monthly electricity statistics for a wide audience including Congress, Federal and State agencies, the electric power industry, and the general public. The purpose of this publication is to provide energy decision makers with accurate and timely information that may be used in forming various perspectives on electric issues that lie ahead. In order to provide an integrated view of the electric power industry, data in this report have been separated into two major categories: electric power sector and combined heat and power producers. The Energy Information Administration (EIA) collected the information in this report to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (Public Law 93-275) as amended.

## **Background**

The Electric Power Division, Office of Coal, Nuclear, Electric and Alternate Fuels, EIA, Department of Energy prepares the EPM. This publication provides monthly statistics at the State (lowest level of aggregation), Census division, and U.S. levels for net generation, fossil fuel consumption and stocks, cost, quantity and quality of fossil fuels received, electricity retail sales, associated revenue, and average price of electricity sold. In addition the report contains rolling 12-month totals in the national overviews, as appropriate.

The new format shown in this publication was implemented in order to provide users of electric power data with more information. For example, petroleum was

separated into petroleum liquids and petroleum coke, and hydroelectric generation was categorized into conventional hydroelectric and hydroelectric pumped storage. Information on consumption was expanded to include not only consumption for electric generation, but also consumption for useful thermal output and total consumption. Tables were added to show historical electric generation by other renewable energy sources, plants that were sold or transferred, and receipts in British thermal units as well as by physical units. In addition, columns were added to existing receipt and cost tables displaying the percent of consumption of fuel and plant count by fuel type.

## **Data Sources**

The *EPM* contains information from the following data sources: Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Form EIA-826, "Monthly Electric Sales and Revenue With State Distributions Report;" Form EIA-860, "Annual Electric Generator Report;" Form EIA-861, "Annual Electric Power Industry Report;" Form EIA-906, "Power Plant Data Report;" Form EIA-920, "Combined Heat and Power Report;" and Federal Energy Regulatory Commission (FERC) Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." Forms and their instructions may be obtained from the internet site:

<http://www.eia.doe.gov/cneaf/electricity/page/forms.html>  
(The FERC Form 423 and instructions are available at <http://ferc.gov/docs-filing/eforms-elec.asp#423>). A detailed description of these forms and associated algorithms are found in Appendix C, "Technical Notes."

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# Executive Summary

## Generation and Consumption of Fuels for Electricity Generation, May 2004

**Generation:** Total net generation of electric power in May 2004 was 324.9 terawatt-hours, a 6.7 percent increase over the 304.6 terawatt-hours generated in May 2003. Generation from coal-fired plants was 5.6 percent higher than in May 2003 and generation from natural gas-fired plants was 24.6 percent higher. This increase in gas-fired generation can be attributed to new gas plants, a relative leveling off of gas prices, and increases in the price of oil and refined products. The utilization of gas-fired plants, generally operating on the margin, tends to benefit disproportionately from growth in power sales (discussed below).

Conventional hydroelectric generation declined by 19.8 percent (indicative of unusually low water conditions in the western United States). Generation from wind plants was 83.6 percent higher. Solar generation increased 19.2 percent from May 2003. Generation from nuclear sources was up by 4.4 percent and generation from petroleum coke increased by 32.0 percent.

Year-to-date total net generation (January through May 2004 compared to January through May 2003) increased 50.8 terawatt-hours or 3.3 percent. The largest increase involved natural gas-fired plants where generation was up 9.2 percent, from 229.1 to 250.2 terawatt-hours. At nuclear power plants, generation increased 4.1 percent, from 309.1 to 321.7 terawatt-hours. Coal-fired generation increased 2.0 percent, from 782.4 to 798.1 terawatt-hours. Generation at conventional hydroelectric power plants decreased 5.2 percent, from 118.6 to 112.5 terawatt-hours.

**Consumption of Fuels:** Consumption of coal and petroleum liquids for electric power generation increased by 5.1 and 21.3 percent, respectively, from May 2003 to May 2004. Natural gas consumption increased by 21.3 percent and petroleum coke consumption grew by 33.5 percent.

Year-to-date, consumption of coal for electric power generation increased by 2.3 percent. Natural gas consumption increased by 6.7 percent. The larger proportional increase in generation at natural gas-fired plants (9.2 percent increase in generation) reflects the introduction of new, more efficient gas-fired generation. Consumption of petroleum liquids decreased by 2.4 percent while consumption of petroleum coke increased 40.5 percent.

**Industry Distribution of Generation and Consumption of Fuels:** During May 2004, 65 percent of electric power generation was produced at utility power plants, 31 percent by independent power producers, and the remainder at industrial and commercial combined heat and power plants (CHP). Utility-operated power plants consumed 79 percent of the coal for electric power generation, compared to 20 percent by independent power producers. Also, utilities consumed 64 percent of the petroleum liquids, compared to 32 percent by independent power producers. While utilities accounted for the largest share of coal and petroleum liquids consumption, the reverse was true for natural gas, with independent power producers consuming 54 percent of the gas compared to 33 percent by utilities. The balance of coal, petroleum liquids and gas consumption is attributable to industrial and commercial plants combined heat and power plants (CHP).

For the period of January through May 2004, utility power plants produced 65 percent of the electric power in the nation, while independent power producers (IPP) contributed 31 percent. The remaining 4 percent was generated primarily by industrial combined heat and power plants. Year-to-date, utility operated plants consumed 77 percent of the coal, 32 percent of the natural gas, and 54 percent of liquid petroleum used to generate electric power. IPPs consumed 22 percent of the coal, 55 percent of the natural gas, and 42 percent of the liquid petroleum for electric power generation. Industrial and commercial CHP plants consumed the balance of fossil fuels for electric power generation.

## Fuel Costs and Receipts, April 2004

The average price paid for natural gas by electricity generators in April was \$5.60 per MMBtu. This was 4.7 percent higher than March's price of \$5.35 per MMBtu, and 7.9 percent higher than the April 2003 price of \$5.19 per MMBtu. The average price paid for petroleum liquids was \$4.63 per MMBtu in April, a 3.3 percent increase when compared with the \$4.48 per MMBtu price in March. The price was 3.3 percent less than in April 2003. The average price of coal to electricity generators in April was \$1.30 per MMBtu, down 1.5 percent from March 2004 and down 0.8 percent from April 2003.

Year to date, the average price paid for natural gas by electricity generators in April 2004 was \$5.68 per MMBtu, an decrease of 3.9 percent from the same period in 2003. Year-to-date petroleum liquid prices were \$4.73 per MMBtu, down 9.2 percent and coal prices were \$1.30 per MMBtu, up 1.6 percent from the same period in 2003.

## **Retail Sales, Revenue, and Average Retail Price, May 2004**

**Retail Sales, Revenue and Average Retail Price, May 2004.** EIA previously collected sales and revenue data in a category called "Other." This category was defined as including activities such as public street highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales. EIA has revised its survey to separate the transportation sales and reassign the other activities to the commercial and industrial sectors as appropriate. EIA is currently evaluating the data collected for "Transportation" and will publish them in the near future. The increase in both monthly and year to date commercial sales and revenues over last year can be attributed in part to this reclassification of "other" that cannot be classified as "Transportation".

**Sales:** May 2004 retail electricity sales were 3.8 percent higher than those for May 2003 reflecting the beginning of the summer season. Residential sales increased 2.8 percent and the commercial sector sales increased for the fifth consecutive month over last year as an indication of the reclassification explained above. Year-to-date electricity sales are running 1.5 percent higher than year-to-date sales in 2003, and the increase is again primarily in the commercial sector.

**Revenue:** Electricity revenues reflected an overall increase of 4.0 percent in May 2004 over May 2003. The gains are seen in the commercial and industrial sectors where revenues in May 2004 were 10.5 percent and 8.2 percent, respectively, higher than the revenue in May 2003. May 2004 year-to-date revenues increased 3.0 percent over the year-to-date revenues for the same period last year.

**Prices:** The overall price of retail electricity showed an increase of 0.3 percent for May 2004 compared to May 2003. This increase in price is reflected in primarily the residential and industrial sectors. Year-to-date electricity prices are 1.5 percent over the same reporting period for last year.

**Table ES1.A. Total Electric Power Industry Summary Statistics, 2004 and 2003**

May											
Net Generation and Consumption of Fuels											
Items	Total (All Sectors)			Electric Power Sector <sup>1</sup>				Commercial <sup>2</sup>		Industrial <sup>3</sup>	
				Electric Utilities		Independent Power Producers					
	May 2004	May 2003	% Change	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>Net Generation (Million kWh)</b>											
Coal <sup>4</sup> .....	157,585	149,296	5.6	125,407	119,945	30,414	27,623	90	66	1,674	1,663
Petroleum Liquids <sup>5</sup> .....	8,548	6,793	25.8	5,565	5,297	2,696	1,205	29	23	259	269
Petroleum Coke.....	1,554	1,178	32.0	687	508	764	531	--	*	103	138
Natural Gas <sup>6</sup> .....	59,612	47,854	24.6	17,727	16,841	34,548	25,127	337	415	7,000	5,472
Other Gases <sup>7</sup> .....	1,275	757 <sup>8</sup>	68.4	*	* <sup>8</sup>	179	105 <sup>8</sup>	--	* <sup>8</sup>	1,096	652 <sup>8</sup>
Nuclear.....	64,917	62,194	4.4	40,881	37,483	24,036	24,711	--	--	--	--
Hydroelectric Conventional.....	23,988	29,928	-19.8	21,340	26,682	2,264	2,685	13	22	371	539
Other Renewables.....	7,846	6,709	16.9	276	213	5,085	4,055	165	169	2,320	2,272
Wood <sup>9</sup> .....	2,935	2,792	5.1	51	56	665	549	1	1	2,219	2,187
Waste <sup>10</sup> .....	2,022	1,923	5.2	90	115	1,667	1,555	164	168	101	85
Geothermal.....	1,172	1,035	13.2	105	17	1,067	1,018	--	--	--	--
Solar.....	81	68	19.2	*	*	81	68	--	--	--	--
Wind.....	1,635	891	83.6	30	25	1,605	866	--	--	--	--
Hydroelectric Pumped Storage.....	-664	-619	-7.2	-585	-534	-79	-85	--	--	--	--
Other Energy Sources <sup>11</sup> .....	247	460	-46.4	--	--	28	39	*	*	219	421
<b>All Energy Sources.....</b>	<b>324,908</b>	<b>304,550</b>	<b>6.7</b>	<b>211,298</b>	<b>206,434</b>	<b>99,935</b>	<b>85,997</b>	<b>633</b>	<b>694</b>	<b>13,042</b>	<b>11,425</b>
<b>Consumption of Fossil Fuels for Electricity Generation</b>											
Coal (1000 tons) <sup>4</sup> .....	81,436	77,505	5.1	63,986	61,206	16,552	15,329	44	33	853	937
Petroleum Liquids (1000 bbls) <sup>5</sup> .....	14,597	12,034	21.3	9,377	9,131	4,636	2,085	65	45	520	773
Petroleum Coke (1000 tons).....	605	453	33.5	245	182	316	211	--	*	44	60
Natural Gas (1000 Mcf) <sup>6</sup> .....	505,411	416,749	21.3	164,843	160,746	275,365	204,036	3,376	3,293	61,827	48,673
<b>Consumption of Fossil Fuels for Useful Thermal Output</b>											
Coal (1000 tons) <sup>4</sup> .....	1,315	1,255	4.8	--	--	172	178	83	62	1,060	1,015
Petroleum Liquids (1000 bbls) <sup>5</sup> .....	818	1,347	-39.2	--	--	23	28	33	19	762	1,300
Petroleum Coke (1000 tons).....	48	63	-24.0	--	--	8	9	--	1	40	54
Natural Gas (1000 Mcf) <sup>6</sup> .....	61,703	55,212	11.8	--	--	16,352	16,316	2,704	2,645	42,648	36,251
<b>Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output</b>											
Coal (1000 tons) <sup>4</sup> .....	82,751	78,760	5.1	63,986	61,206	16,724	15,508	127	94	1,914	1,952
Petroleum Liquids (1000 bbls) <sup>5</sup> .....	15,415	13,381	15.2	9,377	9,131	4,659	2,113	98	63	1,282	2,074
Petroleum Coke (1000 tons).....	653	516	26.5	245	182	324	219	--	1	84	115
Natural Gas (1000 Mcf) <sup>6</sup> .....	566,995	471,961	20.1	164,843	160,746	291,613	220,352	6,080	5,938	104,459	84,924
<b>Fuel Stocks (end-of-month)</b>											
Coal (1000 tons) <sup>12</sup> .....	126,011	144,860	-13.0	102,654	115,634	21,578	28,250	189	139	1,590	838
Petroleum Liquids (1000 bbls) <sup>5</sup> .....	44,750	42,868	4.4	27,168	27,583	15,879	14,247	310	154	1,393	884
Petroleum Coke (1000 tons).....	1,017	1,735	-41.4	436	369	551	1,333	--	--	30	33

**Retail Sales, Retail Revenue and Average Retail Price per Kilowatthour**

Items	Total U.S. Electric Power Industry								
	Retail Sales (Million kWh) <sup>13</sup>			Retail Revenue (Million Dollars)			Average Retail Price (Cents/kWh)		
	May 2004	May 2003	% Change	May 2004	May 2003	% Change	May 2004	May 2003	% Change
Residential.....	90,780	88,340	2.8	8,235	7,947	3.6	9.07	9.00	.8
Commercial.....	100,431	89,391	12.3	8,052	7,285	10.5	8.02	8.15	-1.6
Industrial.....	87,543	82,495	6.1	4,387	4,055	8.2	5.01	4.92	1.8
Transportation.....	--	--	--	--	--	--	--	--	--
Other.....	--	8,581	--	--	616	--	--	7.17	--
All Sectors.....	279,125	268,807	3.8	20,704	19,903	4.0	7.42	7.40	.3

<sup>1</sup> The electric power sector includes electricity-only plants and combined-heat-and-power (CHP) plants with NAICS code 22 whose primary business is to sell electricity.

<sup>2</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>3</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>4</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>5</sup> Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

<sup>6</sup> Natural gas, including a small amount of supplemental gaseous fuels that cannot be identified separately.

<sup>7</sup> Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

<sup>8</sup> Published value does not reflect additional data received subsequent to first publication. Updated data for 2003 is expected to be available and published by December 2004.

<sup>9</sup> Wood, black liquor, and other wood waste.

<sup>10</sup> Municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, and other biomass.

<sup>11</sup> Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

<sup>12</sup> Anthracite, bituminous coal, subbituminous coal, and lignite; excludes waste coal.

<sup>13</sup> Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are preliminary. Values from Forms EIA-826 and EIA-906 for 2003 and 2004 are estimates based on samples - see Technical Notes for a discussion of the sample designs. •Beginning in January 2004, the Form EIA-826 has eliminated reporting of data under the sector category "other" and has replaced it with the sector category "transportation". Data on revenues, megawatthours, and number of customers for electric energy supplied for transportation, such as electrified railroads, would be reported in the transportation sector. The revised definition of the commercial and industrial sectors includes data previously reported in the "other" sector. Electricity used for public-street and highway lighting, interdepartmental and/or intra-company sales in commercial establishments, and sales to other authorities will now be reported in the commercial sector. Electricity sales for agriculture including irrigation will be reported in the industrial sector. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •bbls = barrels. kWh = kilowatthours. Mcf = thousand cubic feet. MWh = megawatthours. •Monetary values are expressed in nominal terms. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report," Form EIA-826, "Monthly Electric Sales and Revenue With State Distributions Report," Form EIA-906, "Power Plant Report," Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table ES1.B. Total Electric Power Industry Summary Statistics, Year-to-Date 2004 and 2003**

January through May											
Net Generation and Consumption of Fuels											
Items	Total (All Sectors)			Electric Power Sector <sup>1</sup>				Commercial <sup>2</sup>		Industrial <sup>3</sup>	
				Electric Utilities		Independent Power Producers					
	2004	2003	% Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>Net Generation (Million kWh)</b>											
Coal <sup>4</sup> .....	798,050	782,358	2.0	619,651	611,158	169,123	161,902	447	409	8,829	8,890
Petroleum Liquids <sup>5</sup> .....	44,423	43,826	1.4	24,214	24,663	18,373	17,266	237	260	1,599	1,636
Petroleum Coke.....	7,653	5,514	38.8	3,120	2,455	4,014	2,380	3	2	516	676
Natural Gas <sup>6</sup> .....	250,187	229,071	9.2	71,633	70,934	145,693	125,256	1,533	1,781	31,329	31,100
Other Gases <sup>7</sup> .....	6,304	4,029 <sup>8</sup>	56.5	2	3 <sup>8</sup>	863	532 <sup>8</sup>	--	* <sup>8</sup>	5,440	3,494 <sup>8</sup>
Nuclear.....	321,730	309,056	4.1	205,158	189,659	116,572	119,396	--	--	--	--
Hydroelectric Conventional.....	112,509	118,623	-5.2	100,121	106,658	10,246	9,660	46	53	2,096	2,251
Other Renewables.....	36,690	33,533	9.4	1,404	1,029	22,679	20,340	720	764	11,887	11,399
Wood <sup>9</sup> .....	15,247	14,592	4.5	266	268	3,545	3,313	5	4	11,431	11,007
Waste <sup>10</sup> .....	9,357	9,116	2.6	468	531	7,718	7,432	715	761	456	393
Geothermal.....	5,921	5,369	10.3	525	85	5,396	5,285	--	--	--	--
Solar.....	221	210	5.3	1	1	220	208	--	--	--	--
Wind.....	5,944	4,246	40.0	144	144	5,800	4,102	--	--	--	--
Hydroelectric Pumped Storage.....	-3,411	-3,504	2.7	-3,001	-3,030	-410	-475	--	--	--	--
Other Energy Sources <sup>11</sup> .....	1,219	2,091	-41.7	--	--	157	240	*	4	1,062	1,847
<b>All Energy Sources.....</b>	<b>1,575,355</b>	<b>1,524,596</b>	<b>3.3</b>	<b>1,022,301</b>	<b>1,003,530</b>	<b>487,309</b>	<b>456,498</b>	<b>2,986</b>	<b>3,275</b>	<b>62,759</b>	<b>61,293</b>
<b>Consumption of Fossil Fuels for Electricity Generation</b>											
Coal (1000 tons) <sup>4</sup> .....	410,770	401,578	2.3	315,353	310,618	90,385	85,879	225	198	4,808	4,884
Petroleum Liquids (1000 bbls) <sup>5</sup> .....	75,418	77,274	-2.4	40,364	42,219	31,536	30,996	509	598	3,009	3,462
Petroleum Coke (1000 tons).....	2,973	2,116	40.5	1,105	886	1,631	934	2	1	236	295
Natural Gas (1000 Mcf) <sup>6</sup> .....	2,076,457	1,945,511	6.7	654,683	669,865	1,141,751	990,699	14,270	14,365	265,753	270,583
<b>Consumption of Fossil Fuels for Useful Thermal Output</b>											
Coal (1000 tons) <sup>4</sup> .....	7,935	7,395	7.3	--	--	896	926	463	405	6,576	6,064
Petroleum Liquids (1000 bbls) <sup>5</sup> .....	6,183	6,749	-8.4	--	--	225	497	359	284	5,599	5,967
Petroleum Coke (1000 tons).....	255	299	-14.8	--	--	70	50	3	3	181	246
Natural Gas (1000 Mcf) <sup>6</sup> .....	298,762	315,187	-5.2	--	--	82,247	102,332	14,653	13,907	201,862	198,949
<b>Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output</b>											
Coal (1000 tons) <sup>4</sup> .....	418,704	408,973	2.4	315,352	310,618	91,280	86,805	688	603	11,384	10,947
Petroleum Liquids (1000 bbls) <sup>5</sup> .....	81,600	84,023	-2.9	40,364	42,219	31,760	31,494	868	882	8,608	9,429
Petroleum Coke (1000 tons).....	3,228	2,415	33.7	1,105	886	1,701	985	5	4	418	541
Natural Gas (1000 Mcf) <sup>6</sup> .....	2,374,652	2,260,698	5.0	654,622	669,865	1,223,532	1,093,031	28,923	28,271	467,574	469,532

**Retail Sales, Retail Revenue and Average Retail Price per Kilowatt-hour**

Items	Total U.S. Electric Power Industry								
	Retail Sales (Million kWh) <sup>12</sup>			Retail Revenue (Million Dollars)			Average Retail Price (Cents/kWh)		
	2004	2003	% Change	2004	2003	% Change	2004	2003	% Change
Residential.....	515,376	509,925	1.1	44,258	42,653	3.8	8.59	8.36	2.8
Commercial.....	482,108	437,941	10.1	37,963	34,640	9.6	7.87	7.91	-5
Industrial.....	412,866	400,224	3.2	20,330	19,348	5.1	4.92	4.83	1.9
Transportation.....	--	--	--	--	--	--	--	--	--
Other.....	--	41,840	--	--	2,939	--	--	7.03	--
All Sectors.....	1,412,073	1,389,929	1.6	102,674	99,581	3.1	7.27	7.16	1.5

<sup>1</sup> The electric power sector includes electricity-only plants and combined-heat-and-power (CHP) plants with NAICS code 22 whose primary business is to sell electricity.

<sup>2</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>3</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>4</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>5</sup> Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

<sup>6</sup> Natural gas, including a small amount of supplemental gaseous fuels that cannot be identified separately.

<sup>7</sup> Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

<sup>8</sup> Published value does not reflect additional data received subsequent to first publication. Updated data for 2003 is expected to be available and published by December 2004.

<sup>9</sup> Wood, black liquor, and other wood waste.

<sup>10</sup> Municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, and other biomass.

<sup>11</sup> Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

<sup>12</sup> Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are preliminary. Values from Forms EIA-826 and EIA-906 for 2003 and 2004 are estimates based on samples - see Technical Notes for a discussion of the sample designs. •Beginning in January 2004, the Form EIA-826 has eliminated reporting of data under the sector category "other" and has replaced it with the sector category "transportation". Data on revenues, megawatthours, and number of customers for electric energy supplied for transportation, such as electrified railroads, would be reported in the transportation sector. The revised definition of the commercial and industrial sectors includes data previously reported in the "other" sector. Electricity used for public-street and highway lighting, interdepartmental and/or intra-company sales in commercial establishments, and sales to other authorities will now be reported in the commercial sector. Electricity sales for agriculture including irrigation will be reported in the industrial sector. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •bbls = barrels. kWh = kilowatthours. Mcf = thousand cubic feet. MWh = megawatthours. •Monetary values are expressed in nominal terms. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report," Form EIA-826, "Monthly Electric Sales and Revenue With State Distributions Report," Form EIA-906, "Power Plant Report," Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table ES2.A. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Physical Units, 2004 and 2003**

April										
Total (All Sectors)										
Items	Receipts (physical units)		Cost (dollars/ physical unit)		Number of Plants <sup>1</sup>		Year-to-Date			
							Receipts (physical units)		Cost (dollars/ physical unit)	
	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003
Coal (1000 tons) <sup>2</sup> .....	71,384	68,263	26.22	27.11	416	416	290,778	281,472	26.32	26.31
Petroleum Liquids (1000 barrels) <sup>3</sup> ..	8,704	10,509 <sup>R</sup>	29.29	30.36 <sup>R</sup>	237	245	49,524	51,940 <sup>R</sup>	29.74	32.81 <sup>R</sup>
Petroleum Coke (1000 tons) .....	413	272	21.14	14.76	23	18	1,926	1,088	21.60	17.85
Natural Gas (1000 Mcf) <sup>4</sup> .....	403,736	356,574 <sup>R</sup>	5.76	5.15 <sup>R</sup>	672	616	1,521,071	1,393,003 <sup>R</sup>	5.82	5.90 <sup>R</sup>

  

Electric Utilities <sup>5</sup>										
Items	Receipts (physical units)		Cost (dollars/ physical unit)		Number of Plants		Year-to-Date			
							Receipts (physical units)		Cost (dollars/ physical unit)	
	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003
Coal (1000 tons) <sup>2</sup> .....	54,235	51,776	25.77	26.84	265	275	218,953	218,935	25.86	25.67
Petroleum Liquids (1000 barrels) <sup>3</sup> ..	4,365	6,532 <sup>R</sup>	27.75	28.95 <sup>R</sup>	128	140	23,449	31,838 <sup>R</sup>	27.72	30.12 <sup>R</sup>
Petroleum Coke (1000 tons) .....	174	182	21.97	14.29	9	9	1,015	631	23.44	18.95
Natural Gas (1000 Mcf) <sup>4</sup> .....	100,117	100,523 <sup>R</sup>	5.96	5.61 <sup>R</sup>	214	210	360,539	379,626 <sup>R</sup>	6.00	6.13 <sup>R</sup>

  

Independent Power Producers <sup>6</sup>										
Items	Receipts (physical units)		Cost (dollars/ physical unit)		Number of Plants		Year-to-Date			
							Receipts (physical units)		Cost (dollars/ physical unit)	
	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003
Coal (1000 tons) <sup>2</sup> .....	15,949	15,443	27.19	27.85	123	112	66,836	58,612	27.34	28.33
Petroleum Liquids (1000 barrels) <sup>3</sup> ..	3,998	3,740	30.99	33.12	89	85	24,455	18,481	31.58	37.61
Petroleum Coke (1000 tons) .....	179	66	18.74	13.49	11	7	727	389	17.83	15.49
Natural Gas (1000 Mcf) <sup>4</sup> .....	238,476	178,886	5.68	5.20	362	320	898,754	729,950	5.76	6.01

  

Commercial Sector <sup>7</sup>										
Items	Receipts (physical units)		Cost (dollars/ physical unit)		Number of Plants		Year-to-Date			
							Receipts (physical units)		Cost (dollars/ physical unit)	
	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003
Coal (1000 tons) <sup>2</sup> .....	28	30	46.17	47.76	3	2	143	136	45.58	46.81
Petroleum Liquids (1000 barrels) <sup>3</sup> ..	--	--	--	--	--	--	28	202	42.74	46.20
Petroleum Coke (1000 tons) .....	--	--	--	--	--	--	--	--	--	--
Natural Gas (1000 Mcf) <sup>4</sup> .....	1,634	1,379	6.12	5.16	6	5	5,250	3,824	5.86	5.08

  

Industrial Sector <sup>8</sup>										
Items	Receipts (physical units)		Cost (dollars/ physical unit)		Number of Plants		Year-to-Date			
							Receipts (physical units)		Cost (dollars/ physical unit)	
	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003
Coal (1000 tons) <sup>2</sup> .....	1,172	1,014	33.38	29.27	31	27	4,847	3,789	32.47	30.80
Petroleum Liquids (1000 barrels) <sup>3</sup> ..	341	237	29.08	25.75	25	20	1,591	1,419	31.00	28.79
Petroleum Coke (1000 tons) .....	59	23	25.96	22.01	3	2	184	68	26.34	21.16
Natural Gas (1000 Mcf) <sup>4</sup> .....	63,509	75,787	5.74	4.40	90	81	256,528	279,603	5.79	5.29

<sup>1</sup> Represents the number of plants for which receipts data were collected for this month. The same plant using more than one fuel may be counted multiple times. The total number of electric power plants using coal, petroleum liquids, petroleum coke, and natural gas in the country as of January 1, 2003 are 633; 1,130; 18; and 1,651 respectively.

<sup>2</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>3</sup> Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

<sup>4</sup> Natural gas, including a small amount of supplemental gaseous fuels for 2003.

<sup>5</sup> Electric Utilities includes a small number of regulated NAICS-22 CHP plants.

<sup>6</sup> Independent Power Producers includes unregulated NAICS-22 CHP plants.

<sup>7</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>8</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

R = Revised.

Notes: •Totals may not equal sum of components because of independent rounding. •bbls = barrels. Mcf = thousand cubic feet.

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 Report of Cost and Quality of Fuels for Electric Plants."

**Table ES2.B. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Btus, 2004 and 2003**

April										
Total (All Sectors)										
Items	Receipts (billion Btu)		Cost (dollars/million Btu)		Number of Plants <sup>1</sup>		Year-to-Date			
							Receipts (billion Btu)		Cost (dollars/million Btu)	
	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003
Coal <sup>2</sup> .....	1,438,124	1,411,502	1.30	1.31	416	416	5,887,320	5,779,941	1.30	1.28
Petroleum Liquids <sup>3</sup> .....	55,024	66,651 <sup>R</sup>	4.63	4.79 <sup>R</sup>	237	245	311,347	327,173 <sup>R</sup>	4.73	5.21 <sup>R</sup>
Petroleum Coke.....	11,632	7,725	.75	.52	23	18	54,235	30,974	.77	.63
Natural Gas <sup>4</sup> .....	414,861	353,421 <sup>R</sup>	5.60	5.19 <sup>R</sup>	672	616	1,560,479	1,389,558 <sup>R</sup>	5.68	5.91 <sup>R</sup>
Fossil Fuels.....	1,919,641	1,829,898	2.32	2.17 <sup>R</sup>	963	921	7,813,381	7,496,282	2.31	2.29 <sup>R</sup>

Electric Utilities <sup>5</sup>										
Items	Receipts (billion Btu)		Cost (dollars/million Btu)		Number of Plants		Year-to-Date			
							Receipts (billion Btu)		Cost (dollars/million Btu)	
	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003
Coal <sup>2</sup> .....	1,093,711	1,076,262	1.28	1.29	265	275	4,437,922	4,504,030	1.28	1.25
Petroleum Liquids <sup>3</sup> .....	27,828	41,467 <sup>R</sup>	4.35	4.56 <sup>R</sup>	128	140	149,277	201,755 <sup>R</sup>	4.35	4.75 <sup>R</sup>
Petroleum Coke.....	4,903	5,141	.78	.51	9	9	28,681	17,761	.83	.67
Natural Gas <sup>4</sup> .....	102,715	103,910 <sup>R</sup>	5.81	5.43	214	210	370,512	385,130	5.84	6.05
Fossil Fuels.....	1,229,157	1,226,756	1.72	1.75 <sup>R</sup>	397	413	4,986,393	5,108,570	1.70	1.75 <sup>R</sup>

Independent Power Producers <sup>6</sup>										
Items	Receipts (billion Btu)		Cost (dollars/million Btu)		Number of Plants		Year-to-Date			
							Receipts (billion Btu)		Cost (dollars/million Btu)	
	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003
Coal <sup>2</sup> .....	318,619	313,334	1.36	1.37	123	112	1,342,357	1,192,250	1.36	1.39
Petroleum Liquids <sup>3</sup> .....	25,107	23,698	4.93	5.23	89	85	152,095	115,414	5.08	6.02
Petroleum Coke.....	5,084	1,945	.66	.46	11	7	20,437	11,349	.63	.53
Natural Gas <sup>4</sup> .....	245,003	182,902	5.52	5.08	362	320	923,382	743,836	5.61	5.89
Fossil Fuels.....	593,813	521,879	3.22	2.85	463	413	2,438,271	2,062,849	3.20	3.27

Commercial Sector <sup>7</sup>										
Items	Receipts (billion Btu)		Cost (dollars/million Btu)		Number of Plants		Year-to-Date			
							Receipts (billion Btu)		Cost (dollars/million Btu)	
	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003
Coal <sup>2</sup> .....	673	692	1.95	2.05	3	2	3,377	3,204	1.93	1.99
Petroleum Liquids <sup>3</sup> .....	--	--	--	--	--	--	163	1,120	7.38	8.31
Petroleum Coke.....	--	--	--	--	--	--	--	--	--	--
Natural Gas <sup>4</sup> .....	1,661	1,421	6.02	5.01	6	5	5,361	3,918	5.74	4.96
Fossil Fuels.....	2,333	2,113	4.84	4.04	6	5	8,901	8,242	4.32	4.26

Industrial Sector <sup>8</sup>										
Items	Receipts (billion Btu)		Cost (dollars/million Btu)		Number of Plants		Year-to-Date			
							Receipts (billion Btu)		Cost (dollars/million Btu)	
	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003
Coal <sup>2</sup> .....	25,121	21,214	1.56	1.40	31	27	103,665	80,458	1.52	1.45
Petroleum Liquids <sup>3</sup> .....	2,090	1,486	4.74	4.10	25	20	9,811	8,884	5.03	4.60
Petroleum Coke.....	1,645	639	.94	.81	3	2	5,117	1,864	.95	.77
Natural Gas <sup>4</sup> .....	65,482	65,188	5.57	5.11	90	81	261,224	256,674	5.69	5.77
Fossil Fuels.....	94,338	88,527	4.40	4.17	--	90	379,817	347,879	4.47	4.71

<sup>1</sup> Represents the number of plants for which receipts data were collected for this month. The total number of fossil fuel plants is not a sum of the figures above it because a plant that receives two or more different fuels is only counted once. The total number of electric power plants using coal, petroleum liquids, petroleum coke, and natural gas in the country as of January 1, 2003 are 633; 1,130; 18; and 1,651 respectively.

<sup>2</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>3</sup> Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

<sup>4</sup> Natural gas, including a small amount of supplemental gaseous fuels for 2003.

<sup>5</sup> Electric Utilities includes a small number of regulated NAICS-22 CHP plants.

<sup>6</sup> Independent Power Producers includes unregulated NAICS-22 CHP plants.

<sup>7</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>8</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

R = Revised.

Notes: •Totals may not equal sum of components because of independent rounding. •bbls = barrels. Mcf = thousand cubic feet.

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 Report of Cost and Quality of Fuels for Electric Plants."

**Table ES3. New and Planned U.S. Electric Generating Units by Operating Company, Plant and Month, 2004 - 2005**

Year/Month/Company	Producer Type	Plant	State	Generating Unit ID	Net Summer Capacity (megawatts) <sup>1</sup>	Energy Source	Prime Mover
<b>New Units 2004</b>							
<b>January</b>							
Calpine Construction F Corp LP.....	IPP	Morgan Energy Center	AL	CTG1	181	NG	CT
Glendale City of.....	Elec. Utility	Grayson	CA	9	42	NG	GT
Macon City of.....	Elec. Utility	Sub 2 Generating Station	MO	2	2	DFO	IC
Merck & Co Inc.....	CHP	Merck Rahway Power Plant	NJ	GEN9	10	NG	ST
P P M Energy Inc.....	IPP	Colorado Green Holdings LLC	CO	CG	162	WND	WT
Pasadena City of.....	Elec. Utility	Angeles	CA	GT3	51	NG	GT
Pasadena City of.....	Elec. Utility	Angeles	CA	GT4	51	NG	GT
South Carolina Pub Serv Auth.....	Elec. Utility	John S Rainey	SC	CT3A	71	NG	GT
South Carolina Pub Serv Auth.....	Elec. Utility	John S Rainey	SC	CT3B	71	NG	GT
South Carolina Pub Serv Auth.....	Elec. Utility	John S Rainey	SC	CT4A	71	NG	GT
Tampa Electric Co.....	Elec. Utility	H.L. Culbreath Bayside	FL	2A	163	NG	CT
Tampa Electric Co.....	Elec. Utility	H.L. Culbreath Bayside	FL	2B	163	NG	CT
Tampa Electric Co.....	Elec. Utility	H.L. Culbreath Bayside	FL	2C	163	NG	CT
Tampa Electric Co.....	Elec. Utility	H.L. Culbreath Bayside	FL	2D	163	NG	CT
Tampa Electric Co.....	Elec. Utility	H.L. Culbreath Bayside	FL	2ST	383	NG	CA
Weyerhaeuser Co.....	CHP	Port Wentworth	GA	GEN5	21	BLQ	ST
<b>February</b>							
Boulder City of.....	IPP	Boulder City Lakewood Hydro	CO	1	3	WAT	HY
Enterprise Products Optg LP.....	CHP	Neptune Gas Processing Plant	LA	NPCG	5	NG	OT
Katco Funding LP.....	IPP	Plaquemine Cogeneration Plant	LA	G500	170	NG	CT
Katco Funding LP.....	IPP	Plaquemine Cogeneration Plant	LA	G600	170	NG	CT
Katco Funding LP.....	IPP	Plaquemine Cogeneration Plant	LA	G700	170	NG	CT
Katco Funding LP.....	IPP	Plaquemine Cogeneration Plant	LA	G800	170	NG	CT
Katco Funding LP.....	IPP	Plaquemine Cogeneration Plant	LA	ST5	168	NG	CA
Lincoln Electric System.....	Elec. Utility	Salt Valley	NE	3	38	NG	GT
Lower Mount Bethel Energy LLC.....	IPP	Lower Mount Bethel Energy	PA	G3	216	NG	CA
Marceline City of.....	Elec. Utility	Marceline	MO	5	2	DFO	IC
Marceline City of.....	Elec. Utility	Marceline	MO	6	2	DFO	IC
Merck & Co Inc-West Point.....	CHP	West Point	PA	GEN9	1	NG	IC
Merck & Co Inc-West Point.....	CHP	West Point	PA	GN10	1	NG	IC
Milford Power Co LLC.....	IPP	Milford Power Project	CT	CA01	232	NG	CS
University of Illinois.....	CHP	University of Illinois Abbott Power Pt	IL	T12	7	NG	ST
Wellington City of.....	Elec. Utility	Wellington Municipal	KS	7	2	DFO	IC
Wellington City of.....	Elec. Utility	Wellington Municipal	KS	8	2	DFO	IC
<b>March</b>							
Argyle City of.....	Elec. Utility	Argyle	WI	5	2	DFO	IC
Heber Light & Power Co.....	Elec. Utility	Heber City	UT	1	1	NG	IC
Heber Light & Power Co.....	Elec. Utility	Heber City	UT	2	1	NG	IC
Hendricks Regional Health.....	CHP	Hendricks Regional Health	IN	GEO4	1	DFO	IC
Hendricks Regional Health.....	CHP	Hendricks Regional Health	IN	GEO5	1	DFO	IC
Traer City of.....	Elec. Utility	East Generation	IA	6	2	DFO	IC
Traer City of.....	Elec. Utility	East Generation	IA	7	2	DFO	IC
Trigen-Boston Energy Corp.....	IPP	NECCO Cogen	MA	GEN1	3	NG	IC
Trigen-Boston Energy Corp.....	IPP	NECCO Cogen	MA	GEN2	3	NG	IC
<b>April</b>							
Corn Belt Power Coop.....	Elec. Utility	Earl F Wisdom	IA	2	94	NG	GT
Harrisonburg Electric Commission.....	Elec. Utility	Mount Clinton	VA	D-5	2	DFO	IC
Larned City of.....	Elec. Utility	Larned	KS	Cat	2	DFO	IC
Larned City of.....	Elec. Utility	Larned	KS	Cat 1	2	DFO	IC
Larned City of.....	Elec. Utility	Larned	KS	Cat 2	2	DFO	IC
Larned City of.....	Elec. Utility	Larned	KS	Cat 3	2	DFO	IC
Larned City of.....	Elec. Utility	Larned	KS	Cat 4	2	DFO	IC
Pratt City of.....	Elec. Utility	Pratt 2	KS	IC3	8	NG	IC
Tenaska Virginia Partners LP.....	IPP	Tenaska Virginia Generating Station	VA	CTG1	158	NG	CT
Tenaska Virginia Partners LP.....	IPP	Tenaska Virginia Generating Station	VA	CTG2	158	NG	CT
Tenaska Virginia Partners LP.....	IPP	Tenaska Virginia Generating Station	VA	CTG3	158	NG	CT
Tenaska Virginia Partners LP.....	IPP	Tenaska Virginia Generating Station	VA	STG1	341	NG	CA
Trenton Municipal Utilities.....	Elec. Utility	Trenton South	MO	5	2	DFO	IC
Trenton Municipal Utilities.....	Elec. Utility	Trenton South	MO	6	2	DFO	IC
Trenton Municipal Utilities.....	Elec. Utility	Trenton South	MO	7	2	DFO	IC
<b>May</b>							
Alabama Municipal Elec Auth.....	Elec. Utility	AMEA Peaking	AL	1	42	NG	GT

**Table ES3. New and Planned U.S. Electric Generating Units by Operating Company, Plant and Month, 2004 - 2005  
(Continued)**

Year/Month/Company	Producer Type	Plant	State	Generating Unit ID	Net Summer Capacity (megawatts) <sup>1</sup>	Energy Source	Prime Mover
<b>New Units 2004</b>							
Alabama Municipal Elec Auth.....	Elec. Utility	AMEA Peaking	AL	2	42	NG	GT
Bassett Healthcare.....	CHP	Bassett Healthcare	NY	4	2	DFO	IC
Calpine Eastern Corp.....	IPP	Osprey Energy Center	FL	OEC1	156	NG	CT
Calpine Eastern Corp.....	IPP	Osprey Energy Center	FL	OEC2	154	NG	CT
Calpine Eastern Corp.....	IPP	Osprey Energy Center	FL	OEC5	172	NG	CA
Columbia Energy LLC.....	IPP	Columbia Energy Center	SC	CT1	169	NG	CT
Columbia Energy LLC.....	IPP	Columbia Energy Center	SC	CT2	169	NG	CT
Columbia Energy LLC.....	IPP	Columbia Energy Center	SC	ST1	151	NG	CA
Dominion Fairless Inc.....	IPP	Fairless Energy Center	PA	CT1A	171	NG	CT
Dominion Fairless Inc.....	IPP	Fairless Energy Center	PA	CT1B	171	NG	CT
Dominion Fairless Inc.....	IPP	Fairless Energy Center	PA	ST1	241	NG	CA
Hawaii Electric Light Co Inc.....	Elec. Utility	Keahole	HI	CT4	20	DFO	CT
InterGen North America.....	IPP	Redbud Power Plant	OK	CT01	152	NG	CT
InterGen North America.....	IPP	Redbud Power Plant	OK	CT02	152	NG	CT
InterGen North America.....	IPP	Redbud Power Plant	OK	CT03	152	NG	CT
InterGen North America.....	IPP	Redbud Power Plant	OK	CT04	152	NG	CT
InterGen North America.....	IPP	Redbud Power Plant	OK	ST01	134	NG	CA
InterGen North America.....	IPP	Redbud Power Plant	OK	ST02	134	NG	CA
InterGen North America.....	IPP	Redbud Power Plant	OK	ST03	134	NG	CA
InterGen North America.....	IPP	Redbud Power Plant	OK	ST04	134	NG	CA
Interstate Power and Light Co.....	Elec. Utility	Emery Station	IA	11	145	NG	CT
Interstate Power and Light Co.....	Elec. Utility	Emery Station	IA	12	145	NG	CT
Interstate Power and Light Co.....	Elec. Utility	Emery Station	IA	ST1	228	NG	CA
Milford Power Co LLC.....	IPP	Milford Power Project	CT	CA02	232	NG	CS
Pinnacle West Energy.....	IPP	Silverhawk	NV	CT1	155	NG	CT
Pinnacle West Energy.....	IPP	Silverhawk	NV	CT2	155	NG	CT
Pinnacle West Energy.....	IPP	Silverhawk	NV	ST1	181	NG	CA
Rocky Mountain Energy Ctr LLC.....	IPP	Rocky Mountain Energy Center	CO	CTG1	172	NG	CT
Rocky Mountain Energy Ctr LLC.....	IPP	Rocky Mountain Energy Center	CO	CTG2	172	NG	CT
Rocky Mountain Energy Ctr LLC.....	IPP	Rocky Mountain Energy Center	CO	STG1	172	NG	CA
South Carolina Electric&Gas Co.....	Elec. Utility	Jasper	SC	CT1	129	NG	CT
South Carolina Electric&Gas Co.....	Elec. Utility	Jasper	SC	CT2	129	NG	CT
South Carolina Electric&Gas Co.....	Elec. Utility	Jasper	SC	CT3	146	NG	CT
South Carolina Electric&Gas Co.....	Elec. Utility	Jasper	SC	ST1	348	NG	CA
Stillwater Power.....	Elec. Utility	Stillwater	OK	1	2	DFO	IC
Stillwater Power.....	Elec. Utility	Stillwater	OK	2	2	DFO	IC
Stillwater Power.....	Elec. Utility	Stillwater	OK	3	2	DFO	IC
University of Illinois.....	CHP	University of Illinois Abbott Power Plt	IL	T10	11	NG	ST
Waterside Power, LLC.....	IPP	Waterside Power, LLC	CT	4	20	DFO	GT
Waterside Power, LLC.....	IPP	Waterside Power, LLC	CT	5	20	DFO	GT
Waterside Power, LLC.....	IPP	Waterside Power, LLC	CT	6	20	DFO	GT
West Liberty City of.....	Elec. Utility	West Liberty	IA	5	5	DFO	GT
West Liberty City of.....	Elec. Utility	West Liberty	IA	6	5	DFO	GT
Western Minnesota Mun Pwr Agny.....	Elec. Utility	Exira	IA	U1	42	NG	GT
Western Minnesota Mun Pwr Agny.....	Elec. Utility	Exira	IA	U2	42	NG	GT
Wise County Power Co., LLC.....	IPP	Wise County Power LP	TX	GT1	225	NG	CT
Wise County Power Co., LLC.....	IPP	Wise County Power LP	TX	GT2	225	NG	CT
Wise County Power Co., LLC.....	IPP	Wise County Power LP	TX	GT3	225	NG	CA
<b>June</b>							
Bryan City of.....	Elec. Utility	Auglaize Hydro	OH	3A	1	WAT	HY
Bryan City of.....	Elec. Utility	Auglaize Hydro	OH	6	*	WAT	HY
Colorado Energy Management LLC.....	IPP	Nebo Power Station	UT	GT1	56	NG	CT
Colorado Energy Management LLC.....	IPP	Nebo Power Station	UT	ST1	65	NG	CA
Deer Park Energy Center LP.....	IPP	Deer Park Energy Center	TX	CTG3	155	NG	CT
Deer Park Energy Center LP.....	IPP	Deer Park Energy Center	TX	CTG4	155	NG	CT
Deer Park Energy Center LP.....	IPP	Deer Park Energy Center	TX	STG1	258	NG	CA
Dominion Fairless Inc.....	IPP	Fairless Energy Center	PA	CT2A	171	NG	CT
Dominion Fairless Inc.....	IPP	Fairless Energy Center	PA	CT2B	169	NG	CT
Dominion Fairless Inc.....	IPP	Fairless Energy Center	PA	ST2	241	NG	CA
Equus Power, Inc.....	IPP	Equus Freeport Power	NY	1	51	NG	GT
Hawaii Electric Light Co Inc.....	Elec. Utility	Keahole	HI	CT5	20	DFO	CT
Indiana Municipal Power Agency.....	Elec. Utility	Anderson	IN	ACT3	86	NG	GT
Lanesboro Public Utility Comm.....	Elec. Utility	Lanesboro	MN	4	2	DFO	IC

**Table ES3. New and Planned U.S. Electric Generating Units by Operating Company, Plant and Month, 2004 - 2005**  
(Continued)

Year/Month/Company	Producer Type	Plant	State	Generating Unit ID	Net Summer Capacity (megawatts)	Energy Source	Prime Mover
<b>New Units 2004</b>							
Louisville Gas & Electric Co.....	Elec. Utility	Trimble County	KY	7	148	NG	GT
Louisville Gas & Electric Co.....	Elec. Utility	Trimble County	KY	8	148	NG	GT
Maquoketa City of.....	Elec. Utility	Maquoketa 1	IA	1A	3	NG	IC
Maquoketa City of.....	Elec. Utility	Maquoketa 1	IA	2A	3	NG	IC
Municipal Electric Authority.....	Elec. Utility	Wansley Unit 9	GA	9	489	NG	CC
PSEG Lawrenceburg Engy Co LLC.....	IPP	PSEG Lawrenceburg Energy Facility	IN	CTG1	150	NG	CT
PSEG Lawrenceburg Engy Co LLC.....	IPP	PSEG Lawrenceburg Energy Facility	IN	CTG2	150	NG	CT
PSEG Lawrenceburg Engy Co LLC.....	IPP	PSEG Lawrenceburg Energy Facility	IN	CTG3	150	NG	CT
PSEG Lawrenceburg Engy Co LLC.....	IPP	PSEG Lawrenceburg Energy Facility	IN	CTG4	150	NG	CT
PSEG Lawrenceburg Engy Co LLC.....	IPP	PSEG Lawrenceburg Energy Facility	IN	ST1	231	NG	CA
PSEG Lawrenceburg Engy Co LLC.....	IPP	PSEG Lawrenceburg Energy Facility	IN	ST2	231	NG	CA
Platte River Power Authority.....	Elec. Utility	Rawhide	CO	D	76	NG	GT
Rock River Energy LLC.....	IPP	Riverside Energy Center	WI	CTG1	170	NG	CT
Rock River Energy LLC.....	IPP	Riverside Energy Center	WI	CTG2	170	NG	CT
Rock River Energy LLC.....	IPP	Riverside Energy Center	WI	STG1	258	NG	CA
San Antonio Public Service Bd.....	Elec. Utility	Leon Creek	TX	CGT1	49	NG	GT
San Antonio Public Service Bd.....	Elec. Utility	Leon Creek	TX	CGT2	49	NG	GT
San Antonio Public Service Bd.....	Elec. Utility	Leon Creek	TX	CGT3	49	NG	GT
San Antonio Public Service Bd.....	Elec. Utility	Leon Creek	TX	CGT4	49	NG	GT
South Mississippi El Pwr Assn.....	Elec. Utility	Silver Creek	MS	2	71	NG	GT
Wisconsin Public Power Inc.....	Elec. Utility	WPPI Kaukauna CT	WI	FT83	54	NG	GT
<b>July</b>							
County of Sonoma Dept of Trnsp.....	IPP	Sonoma Central Landfill Phase III	CA	P-31	1	LFG	IC
County of Sonoma Dept of Trnsp.....	IPP	Sonoma Central Landfill Phase III	CA	P-32	8	LFG	IC
Louisiana Tech University.....	CHP	Louisiana Tech University Power Plant	LA	TG3	6	NG	GT
Louisville Gas & Electric Co.....	Elec. Utility	Trimble County	KY	10	148	NG	GT
Louisville Gas & Electric Co.....	Elec. Utility	Trimble County	KY	9	148	NG	GT
<b>Year-to-Date Capacity of New Units.....</b>	--	--	--	--	<b>14,822</b>	--	--
<b>Year-to-Date Capacity of Retired Units ...</b>	--	--	--	--	--	--	--
<b>Year-to-Date U.S. Capacity.....</b>	--	--	--	--	<b>968,028</b>	--	--
<b>Planned</b>							
<b>2004</b>							
August.....	--	--	--	--	1,141	--	--
September.....	--	--	--	--	1,672	--	--
November.....	--	--	--	--	3	--	--
December.....	--	--	--	--	1,133	--	--
<b>2005</b>							
January.....	--	--	--	--	1,394	--	--
February.....	--	--	--	--	1,096	--	--
March.....	--	--	--	--	676	--	--
April.....	--	--	--	--	1,897	--	--
May.....	--	--	--	--	4,414	--	--
June.....	--	--	--	--	11,777	--	--
July.....	--	--	--	--	3,907	--	--

\* = 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: •See Glossary for definitions. •Totals may not equal sum of components because of independent rounding. •Data are preliminary. Final data for the year are to be released in the Form EIA-860 annual databases. •Producer types are: CHP = Combined Heat and Power; Elec. Utility = Electric Utility; and IPP = Independent Power Producer. •For definitions of codes for energy sources and prime movers, access Form EIA-860 at <http://www.eia.doe.gov/cneaf/electricity/page/forms.html>.  
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table ES4. Plants Sold and Transferred in 2003 and 2004**

Seller	Plant	State	EIA Plant ID	Net Summer Capacity (Megawatts)		Transaction Closing Date	Buyer
				Plant Total	Sold or Transferred		
Northwestern Wind Power	Klondike I Wind Power	OR	55871	24.0	24.0	January 14, 2003	PPM Energy
PG&E National Energy Group	Hermiston Generating Plant	OR	54761	464.0	116.0	January 21, 2003	Sumitomo Corp
El Paso Merchant Energy	C R Wing Cogen Plant	TX	52176	227.0	113.5	January 29, 2003	TransAlta Corp
El Paso Merchant Energy	Saranac Facility	NY	54574	241.0	90.4	January 29, 2003	TransAlta Corp
El Paso Merchant Energy	Yuma Cogeneration Associates	AZ	54694	54.6	27.3	January 29, 2003	TransAlta Corp
El Paso Merchant Energy	Salton Sea Unit 4	CA	54996	34.0	17.0	January 29, 2003	TransAlta Corp
El Paso Merchant Energy	Salton Sea Unit 5	CA	55983	49.0	24.5	January 29, 2003	TransAlta Corp
El Paso Merchant Energy	Salton Sea Unit 1	CA	10878	9.3	4.7	January 30, 2003	TransAlta Corp
El Paso Merchant Energy	Salton Sea Unit 2	CA	10879	15.0	7.5	January 31, 2003	TransAlta Corp
PG&E National Energy Group	Mountain View I	CA	55719	44.4	44.4	January 31, 2003	MDU Resources Group
PG&E National Energy Group	Mountain View II	CA	55720	22.2	22.2	January 31, 2003	MDU Resources Group
El Paso Merchant Energy	Salton Sea Unit 3	CA	10759	47.5	23.8	February 1, 2003	TransAlta Corp
PG&E National Energy Group	Lewisville	TX	794	2.8	2.8	February 1, 2003	Garland City of
PG&E National Energy Group	Spencer	TX	4266	179.0	179.0	February 1, 2003	Garland City of
El Paso Merchant Energy	Vulcan	CA	50210	29.5	14.8	February 2, 2003	TransAlta Corp
El Paso Merchant Energy	J J Elmore	CA	10634	34.0	17.0	February 3, 2003	TransAlta Corp
Mirant	Neenah Energy Facility	WI	55135	308.8	308.8	February 3, 2003	Alliant Energy Resources
El Paso Merchant Energy	J M Leathers	CA	10631	34.0	17.0	February 4, 2003	TransAlta Corp
Williams Energy	Worthington Generation LLC	IN	55148	170.0	170.0	February 4, 2003	Hoosier Energy
Cinergy Capital & Trading	Henry County	IN	7763	114.8	114.8	February 5, 2003	PSI Energy Inc
Cinergy Capital & Trading	Madison	OH	55110	580.7	580.7	February 5, 2003	PSI Energy Inc
El Paso Merchant Energy	CE Turbo	CA	55984	11.0	5.5	February 5, 2003	TransAlta Corp
El Paso Merchant Energy	A W Hoch	CA	10632	34.0	17.0	February 6, 2003	TransAlta Corp
Ahlstrom Corp	Algonquin Windsor Locks	CT	10567	51.0	51.0	March 13, 2003	Algonquin Power Income Fund
Allegheny Energy	Conemaugh	PA	3118	1712.0	1712.0	June 27, 2003	UGI Development Co
Central Power & Lime Inc	Central Power & Lime	FL	10333	139.0	139.0	July 18, 2003	Delta Power Co LLC
PG&E National Energy Group	Bowling Green Generating Station	OH	55262	49.5	49.5	September 1, 2003	American Mun Power-Ohio Inc
PG&E National Energy Group	Galion Generating Station	OH	55263	49.5	49.5	September 1, 2003	American Mun Power-Ohio Inc
PG&E National Energy Group	Napoleon Peaking Station	OH	55264	49.5	49.5	September 1, 2003	American Mun Power-Ohio Inc
Calpine Corp	Auburndale Power Plant	FL	54658	165.7	116.0	September 3, 2003	ArcLight Energy Partners Fund I LP
Dynegy	Tenaska III Texas Partners	TX	50109	233.0	37.3	September 23, 2003	Tenaska
Dynegy	Tenaska Washington Partners LP	WA	54537	271.0	13.6	September 23, 2003	Tenaska
Dynegy	Tenaska Frontier Generation Station	TX	55062	860.0	86.0	September 23, 2003	Tenaska
Black Hills Corp	Warrensburg Hydroelectric	NY	10218	0.5	0.5	September 30, 2003	Boralex
Black Hills Corp	Middle Falls Hydro	NY	10219	0.8	0.8	September 30, 2003	Boralex
Black Hills Corp	Sissonville Hydro	NY	10220	1.2	1.2	September 30, 2003	Boralex
Black Hills Corp	New York State Dam Hydro	NY	10221	2.8	2.8	September 30, 2003	Boralex
Black Hills Corp	Fourth Branch Hydroelectric Facility	NY	10467	0.8	0.8	September 30, 2003	Boralex
Black Hills Corp	South Glens Falls Hydroelectric	NY	54772	6.0	6.0	September 30, 2003	Boralex
Black Hills Corp	Hudson Falls Hydroelectric Project	NY	54953	16.5	16.5	September 30, 2003	Boralex
TECO Energy	Hardee Power Station	FL	50949	358.0	358.0	October 2, 2003	Invenergy LLC; GTCR Golder Rauner LLC
Reliant Resources	Desert Basin	AZ	55129	598.0	598.0	October 15, 2003	Salt River Project
El Paso Merchant Energy	Linden Cogen Plant	NJ	50006	899.8	899.8	October 16, 2003	Goldman Sachs
Mirant	Birchwood Power	VA	54304	237.8	117.7	November 4, 2003	General Electric
Cogentrix Energy	Rathdrum	ID	7456	136.0	69.4	December 19, 2003	Goldman Sachs
Cogentrix Energy	Logan Generating Plant	NJ	10043	219.0	109.5	December 19, 2003	Goldman Sachs
Cogentrix Energy	Cogentrix Portsmouth	VA	10071	115.0	115.0	December 19, 2003	Goldman Sachs
Cogentrix Energy	John B Rich Memorial Power Station	PA	10113	80.0	15.7	December 19, 2003	Goldman Sachs
Cogentrix Energy	Cogentrix Hopewell	VA	10377	92.6	46.3	December 19, 2003	Goldman Sachs
Cogentrix Energy	Cogentrix Southport	NC	10378	107.0	107.0	December 19, 2003	Goldman Sachs
Cogentrix Energy	Cogentrix Roxboro	NC	10379	56.0	56.0	December 19, 2003	Goldman Sachs
Cogentrix Energy	Cogentrix Dwayne Collier Battle Cogen	NC	10384	105.0	105.0	December 19, 2003	Goldman Sachs
Cogentrix Energy	Chambers Cogeneration LP	NJ	10566	262.0	26.2	December 19, 2003	Goldman Sachs
Cogentrix Energy	Cedar Bay Generating LP	FL	10672	250.0	40.0	December 19, 2003	Goldman Sachs

**Table ES4. Plants Sold and Transferred in 2003 and 2004 (Continued)**

Seller	Plant	State	EIA Plant ID	Net Summer Capacity (Megawatts)		Transaction Closing Date	Buyer
				Plant Total	Sold or Transferred		
Cogentrix Energy	Selkirk Cogen Partners LP	NY	10725	367.0	18.7	December 19, 2003	Goldman Sachs
Cogentrix Energy	Masspower	MA	10726	231.5	3.7	December 19, 2003	Goldman Sachs
Cogentrix Energy	Morgantown Energy Facility	WV	10743	50.0	7.5	December 19, 2003	Goldman Sachs
Cogentrix Energy	Pittsfield Generating LP	MA	50002	141.0	15.4	December 19, 2003	Goldman Sachs
Cogentrix Energy	Panther Creek Energy Facility	PA	50776	83.0	10.1	December 19, 2003	Goldman Sachs
Cogentrix Energy	Northhampton Generating LP	PA	50888	112.0	56.0	December 19, 2003	Goldman Sachs
Cogentrix Energy	Scrubgrass Generating	PA	50974	85.0	17.0	December 19, 2003	Goldman Sachs
Cogentrix Energy	Indiantown Cogen Facility	FL	50976	330.0	165.0	December 19, 2003	Goldman Sachs
Cogentrix Energy	Cogentrix of Richmond	VA	54081	190.0	190.0	December 19, 2003	Goldman Sachs
Cogentrix Energy	Birchwood Power	VA	54304	237.8	118.9	December 19, 2003	Goldman Sachs
Cogentrix Energy	Cogentrix LSP Cottage Grove	MN	55010	251.0	183.7	December 19, 2003	Goldman Sachs
Cogentrix Energy	Cogentrix Whitewater Cogen Facility	WI	55011	251.0	186.2	December 19, 2003	Goldman Sachs
Cogentrix Energy	Green Country Energy LLC	OK	55146	778.5	77.9	December 19, 2003	Goldman Sachs
Cogentrix Energy	Caledonia	MS	55197	684.3	684.3	December 19, 2003	Goldman Sachs
Cogentrix Energy	Southaven Energy LLC	MS	55269	689.1	689.1	December 19, 2003	Goldman Sachs
Cogentrix Energy	Ouachita Generating Plant	LA	55467	816.0	408.0	December 19, 2003	Goldman Sachs
Aquila	Prime Energy LP	NJ	50852	64.9	32.5	January 1, 2004	Rockland Capital Energy Investments LLC
Calpine Corp	Lost Pines 1 Power Project	TX	55154	519.0	259.5	January 16, 2004	Lower Colorado River Authority
Tractebel North America	Ripon Mill	CA	50299	46.5	46.5	February 5, 2004	Rockland Capital Energy Investments LLC
Tractebel North America	San Gabriel Facility	CA	50300	39.0	39.0	February 5, 2004	Rockland Capital Energy Investments LLC
Green Power Energy Holdings	Cogentrix Kenansville	NC	10381	32.4	32.4	February 10, 2004	Green Power Energy Holdings
Aquila	Rumford Cogeneration	ME	10495	85.0	20.7	March 22, 2004	ArcLight Capital Partners
Aquila	Stockton Cogen	CA	10640	54.0	27.0	March 22, 2004	ArcLight Capital Partners
Aquila	Badger Creek Cogen	CA	10650	46.0	22.4	March 22, 2004	ArcLight Capital Partners
Aquila	Selkirk Cogen Partners LP	NY	10725	367.0	73.0	March 22, 2004	ArcLight Capital Partners
Aquila	Pejepscot Hydroelectric Project	ME	50758	13.0	6.5	March 22, 2004	ArcLight Capital Partners
Aquila	Onondaga Cogeneration	NY	50855	93.0	93.0	March 22, 2004	ArcLight Capital Partners
Aquila	Koma Kulshan Associates	WA	54267	2.7	1.3	March 22, 2004	ArcLight Capital Partners
Aquila	Lake Cogen Ltd	FL	54423	110.0	109.9	March 22, 2004	ArcLight Capital Partners
Aquila	Pasco Cogen Ltd	FL	54424	119.1	59.4	March 22, 2004	ArcLight Capital Partners
Aquila	Orlando Cogen LP	FL	54466	114.2	57.1	March 22, 2004	ArcLight Capital Partners
Aquila	Mid-Georgia Cogeneration Facility	GA	55040	316.0	158.0	March 22, 2004	ArcLight Capital Partners
Aquila	Aries Power Project	MO	55178	481.0	240.5	March 30, 2004	Calpine Corp
Brazos Valley Energy	Brazos Valley Generating Facility	TX	55357	525.0	525.0	April 1, 2004	Calpine Corp
Perry Verdex	Pepperell Paper	MA	10694	1.5	1.5	April 1, 2004	Swift River Company
Duke Energy	Vermillion Energy Facility	IN	55111	560.0	140.0	May 3, 2004	Wabash Valley Power Association
EPCOR Utilities	Frederickson Power LP	WA	55818	254.5	126.9	May 5, 2004	Puget Energy
TransCanada Corp	Curtis Palmer Hydroelectric	NY	54580	59.6	59.6	May 5, 2004	TransCanada Power LP
TransCanada Corp	Manchief Electric Generating Station	CO	55127	264.0	264.0	May 5, 2004	TransCanada Power LP
BAF Energy A California LP	King City Power Plant	CA	10294	111.0	111.0	May 20, 2004	Calpine Power Income Fund
FPL Energy	Bastrop Energy Center	TX	55168	615	615	June 2, 2004	Centrica
Rochester Gas & Electric	Giinna	NY	6122	497.7	497.7	June 10, 2004	Constellation Energy
IBM	Craig	CO	6021	1264	204	June 30, 2004	Tri-State
El Paso Merchant Energy	Badger Creek	CA	10650	46	12	July 23, 2004	Redwood LLC
El Paso Merchant Energy	Bear Mountain	CA	10649	46	23	July 23, 2004	Redwood LLC
El Paso Merchant Energy	Chalk Cliff	CA	50003	46	23	July 23, 2004	Redwood LLC
El Paso Merchant Energy	Corona	CA	10635	40	8	July 23, 2004	Redwood LLC
El Paso Merchant Energy	Crockett	CA	55084	247	12	July 23, 2004	Redwood LLC
El Paso Merchant Energy	Double "C"	CA	50493	46	12	July 23, 2004	Redwood LLC
El Paso Merchant Energy	High Sierra	CA	50495	46	12	July 23, 2004	Redwood LLC
El Paso Merchant Energy	Kern Front	CA	50494	46	12	July 23, 2004	Redwood LLC
El Paso Merchant Energy	Live Oak	CA	54768	46	23	July 23, 2004	Redwood LLC
Alliant Energy	Kewaunee	WI	8024	498.0	204.2	3Q 2004	Dominion Resources

**Table ES4. Plants Sold and Transferred in 2003 and 2004 (Continued)**

Seller	Plant	State	EIA Plant ID	Net Summer Capacity (Megawatts)		Transaction Closing Date	Buyer
				Plant Total	Sold or Transferred		
American Electric Power	E S Joslin	TX	3436	254.0	254.0	3Q 2004	Sempra Energy Partners; Carlyle/Riverstone Global Energy and Power Fund II, LP
American Electric Power	Eagle Pass	TX	3437	6.0	6.0	3Q 2004	Sempra Energy Partners; Carlyle/Riverstone Global Energy and Power Fund II, LP
American Electric Power	J L Bates	TX	3438	182.0	182.0	3Q 2004	Sempra Energy Partners; Carlyle/Riverstone Global Energy and Power Fund II, LP
American Electric Power	Laredo	TX	3439	178.0	178.0	3Q 2004	Sempra Energy Partners; Carlyle/Riverstone Global Energy and Power Fund II, LP
American Electric Power	Lon C Hill	TX	3440	559.0	559.0	3Q 2004	Sempra Energy Partners; Carlyle/Riverstone Global Energy and Power Fund II, LP
American Electric Power	Nueces Bay	TX	3441	559.0	559.0	3Q 2004	Sempra Energy Partners; Carlyle/Riverstone Global Energy and Power Fund II, LP
American Electric Power	La Palma	TX	3442	255.0	255.0	3Q 2004	Sempra Energy Partners; Carlyle/Riverstone Global Energy and Power Fund II, LP
American Electric Power	Victoria	TX	3443	491.0	491.0	3Q 2004	Sempra Energy Partners; Carlyle/Riverstone Global Energy and Power Fund II, LP
American Electric Power	Barney M Davis	TX	4939	697.0	697.0	3Q 2004	Sempra Energy Partners; Carlyle/Riverstone Global Energy and Power Fund II, LP
American Electric Power	Coletto Creek	TX	6178	600.4	600.4	3Q 2004	Sempra Energy Partners; Carlyle/Riverstone Global Energy and Power Fund II, LP
American Electric Power	Brush II	CO	10683	72.0	34.4	3Q 2004	Bear Stearns
American Electric Power	Thermo Power & Electric	CO	50676	272.0	136.0	3Q 2004	Bear Stearns
American Electric Power	Orange Cogeneration Facility	FL	54365	117.5	58.7	3Q 2004	Bear Stearns
American Electric Power	Mulberry Cogeneration Facility	FL	54426	152.6	70.6	3Q 2004	Bear Stearns
Duke Energy	New Albany Energy Facility	MS	55080	360.0	360.0	3Q 2004	KGen Partners LLC
Duke Energy	Hinds Energy Facility	MS	55218	450.0	450.0	3Q 2004	KGen Partners LLC
Duke Energy	Southaven Energy Facility	MS	55219	624.0	624.0	3Q 2004	KGen Partners LLC
Duke Energy	Marshall Energy Facility	KY	55232	544.0	544.0	3Q 2004	KGen Partners LLC
Duke Energy	Enterprise Energy Facility	MS	55373	600.0	600.0	3Q 2004	KGen Partners LLC
Duke Energy	Murray Energy Facility	GA	55382	1244.0	1244.0	3Q 2004	KGen Partners LLC
Duke Energy	Hot Spring Energy Facility	AR	55418	651.6	651.6	3Q 2004	KGen Partners LLC
Duke Energy	Sandersville Energy Facility	GA	55672	624.0	624.0	3Q 2004	KGen Partners LLC
WPS Resources	Kewaunee	WI	8024	498.0	293.8	3Q 2004	Dominion Resources
PG&E National Energy Group	Lake Road Generating Plant	CT	55149	695.8	695.8	July 30, 2004	Lender syndicate
PG&E National Energy Group	La Paloma Generating LLC	CA	55151	1029.0	1029.0	July 30, 2004	Lender syndicate
TECO Energy	Gila River Power Station	AZ	55306	2148.0	2148.0	September 30, 2004	Lender syndicate
TECO Energy	Union Power Station	AR	55314	2084.7	2084.7	September 30, 2004	Lender syndicate
American Electric Power	Oklunion	TX	127	690.0	53.8	4Q 2004	Brownsville Public Utility Board
Texas-New Mexico Power	Twin Oaks Power One	TX	7030	305.0	305.0	October 1, 2004	Sempra Energy Resources
U S Gen New England	Bellows Falls	VT	3745	40.8	40.8	October 1, 2004	Rockingham City of
Calpine Corp	Gordonsville Energy LP	VA	54844	224.0	112.0	November 26, 2004	Dominion Virginia Power
Edison International	Gordonsville Energy LP	VA	54844	224.0	112.0	November 26, 2004	Dominion Virginia Power
Perryville Energy Partners LLC	Perryville Power Station	LA	55620	718.0	718.0	December 1, 2004	Entergy Louisiana
PPL Corp	PPL Sundance Energy LLC	AZ	55522	383.0	383.0	1Q 2005	Pinnacle West Capital Corp.
PPL Sundance Energy LLC	PPL Sundance Energy LLC	AZ	55522	383.0	383.0	1Q 2005	Arizona Public Service
American Electric Power	South Texas Project	TX	6251	2529.0	637.3	Pending	City Public Service Board of San Antonio; Texas Generation Co.
Cincinnati Gas & Electric Co	Miami Fort Unit 6	OH	2832	163.0	163.0	Pending	Union Light Heat & Power
Cincinnati Gas & Electric Co	East Bend	KY	6018	600.0	414.0	Pending	Union Light Heat & Power
Cincinnati Gas & Electric Co	Woodsdale	OH	7158	462.0	462.0	Pending	Union Light Heat & Power
NRG Energy	McClain Energy Facility	OK	55457	400.0	308.0	Pending	Oklahoma Gas & Electric
PG&E National Energy Group	Millennium Power	MA	55079	337.8	337.8	Pending	Lender syndicate

**Table ES4. Plants Sold and Transferred in 2003 and 2004 (Continued)**

Seller	Plant	State	EIA Plant ID	Net Summer Capacity (Megawatts)		Transaction Closing Date	Buyer
				Plant Total	Sold or Transferred		
PG&E National Energy Group	Covert Generating Project	MI	55297	1058.4	1058.4	Pending	Lender syndicate
PG&E National Energy Group	Harquahala Generating Project	AZ	55372	418.0	418.0	Pending	Lender syndicate
PG&E National Energy Group	Athens Generating LP	NY	55405	1038.0	1038.0	Pending	Lender syndicate
United American Energy Holdings	Mecklenburg Cogen Facility	VA	52007	132.0	132.0	Pending	Dominion Resources
Texas GenCo	Limestone	TX	298	1602	1602	Pending	GC Power Acquisition
Texas GenCo	Cedar Bayou	TX	3460	2258	2258	Pending	GC Power Acquisition
Texas GenCo	Greens Bayou	TX	3464	760	760	Pending	GC Power Acquisition
Texas GenCo	PH Robinson	TX	3466	2211	2211	Pending	GC Power Acquisition
Texas GenCo	Sam Bertron	TX	3468	844	844	Pending	GC Power Acquisition
Texas GenCo	TH Wharton	TX	3469	1254	1254	Pending	GC Power Acquisition
Texas GenCo	WA Parish	TX	3470	3653	3653	Pending	GC Power Acquisition
Texas GenCo	Webster	TX	3471	387	387	Pending	GC Power Acquisition
Texas GenCo	South Texas Project	TX	6251	2560	1126	Pending	GC Power Acquisition
Texas GenCo	Deepwater	TX	3461	174	174	Pending	GC Power Acquisition
Texas GenCo	HO Clarke	TX	3465	78	78	Pending	GC Power Acquisition
Texas GenCo	San Jacinto	TX	7325	162	162	Pending	GC Power Acquisition
Duke Energy	Moapa	NV	55322	668	668	Pending	Nevada Power
Sempra Energy Resources	Palomar	CA	55985	559	559	Pending	San Diego Gas & Electric

Notes: The "Transaction Closing Date" is estimated based on press reports and Security and Exchange Commission filings. • The "Capacity Sold or Transferred" values are based on a combination of capacity data in the EIA-860 data files, press reports and Security and Exchange Commission filings, and may not exactly match transaction values shown in other sources.

Sources: Press reports; filings with the Security and Exchange Commission; Energy Information Administration, Form EIA-860 "Annual Electric Generator Report" data files.

## Chapter 1. Net Generation

**Table 1.1. Net Generation by Energy Source: Total (All Sectors), 1990 through May 2004**  
(Thousand Megawatthours)

Period	Coal <sup>1</sup>	Petroleum Liquids <sup>2</sup>	Petroleum Coke	Natural Gas	Other Gases <sup>3</sup>	Nuclear	Hydroelectric Conventional	Other Renewables <sup>4</sup>	Hydroelectric Pumped Storage	Other <sup>5</sup>	Total
1990.....	1,594,011	122,206	4,415	372,765	10,383	576,862	292,866	64,372	-3,508	3,616	3,037,988
1991.....	1,590,623	115,652	4,100	381,553	11,336	612,565	288,994	68,779	-4,541	4,739	3,073,799
1992.....	1,621,206	94,110	6,044	404,074	13,270	618,776	253,088	73,770	-4,177	3,720	3,083,882
1993.....	1,690,070	104,387	8,401	414,927	12,956	610,291	280,494	76,213	-4,036	3,487	3,197,191
1994.....	1,690,694	98,440	7,461	460,219	13,319	640,440	260,126	76,535	-3,378	3,667	3,247,522
1995.....	1,709,426	66,944	7,610	496,058	13,870	673,402	310,833	73,965	-2,725	4,104	3,353,487
1996.....	1,795,196	73,521	7,890	455,056	14,356	674,729	347,162	75,796	-3,088	3,571	3,444,188
1997.....	1,845,016	82,773	9,782	479,399	13,351	628,644	356,453	77,183	-4,040	3,612	3,492,172
1998.....	1,873,516	116,859	11,941	531,257	13,492	673,702	323,336	77,088	-4,467	3,571	3,620,295
1999.....	1,881,087	107,276	10,785	556,396	14,126	728,254	319,536	79,423	-6,097	4,024	3,694,810
2000.....	1,966,265	102,160	9,061	601,038	13,955	753,893	275,573	80,906	-5,539	4,794	3,802,105
2001.....	1,903,956	114,647	10,233	639,129	9,039	768,826	216,961	77,985	-8,823	4,690	3,736,644
<b>2002</b>											
January.....	164,358	5,434	1,257	48,413	923	70,926	21,795	7,244	-750	343	319,941
February.....	143,049	4,388	1,275	44,308	760	61,658	20,192	6,379	-586	402	281,826
March.....	151,486	6,937	1,280	51,214	904	63,041	21,009	7,003	-684	359	302,549
April.....	142,305	6,535	1,299	49,146	890	58,437	24,247	7,152	-585	423	289,848
May.....	151,406	6,664	1,462	50,275	910	63,032	26,663	7,437	-539	363	307,675
June.....	164,668	6,429	1,367	65,631	1,009	66,372	28,213	7,737	-863	461	341,023
July.....	183,195	8,507	1,406	83,917	1,071	70,421	25,471	7,767	-998	786	381,542
August.....	179,955	8,194	1,543	84,477	1,117	70,778	21,084	7,744	-935	629	374,586
September.....	165,366	6,670	1,405	68,161	1,053	64,481	17,087	7,238	-777	595	331,279
October.....	159,099	6,910	1,206	54,201	908	60,493	17,171	7,183	-681	569	307,059
November.....	156,054	5,174	1,113	45,161	894	61,520	19,730	6,884	-666	426	296,290
December.....	172,190	6,859	1,252	46,100	1,025	68,905	21,669	7,153	-680	360	324,834
<b>Total.....</b>	<b>1,933,130</b>	<b>78,701</b>	<b>15,867</b>	<b>691,006</b>	<b>11,463</b>	<b>780,064</b>	<b>264,329</b>	<b>86,922</b>	<b>-8,743</b>	<b>5,714</b>	<b>3,858,452</b>
<b>2003</b>											
January.....	180,632	11,139	1,198	48,684	908	69,211	19,714	6,432	-760	344	337,504
February.....	156,063	9,548	1,012	43,291	730	60,942	19,630	6,038	-774	256	296,735
March.....	154,690	9,446	877	45,901	900	59,933	24,349	7,254	-797	533	303,087
April.....	141,676	6,899	1,249	43,341	734	56,776	25,002	7,100	-554	498	282,721
May.....	149,296	6,793	1,178	47,854	757	62,194	29,928	6,709	-619	460	304,550
June.....	161,009	9,518	1,449	51,899	863	64,181	28,500	7,006	-780	397	324,042
July.....	182,761	10,446	1,657	74,809	898	69,653	24,681	7,214	-755	419	371,782
August.....	185,595	10,742	1,603	80,665	818	69,024	22,837	6,910	-818	552	377,929
September.....	163,589	7,174	1,542	54,833	830	63,584	18,215	6,449	-785	369	315,800
October.....	159,162	6,963	1,636	50,604	1,037	60,016	18,310	7,165	-634	451	304,711
November.....	158,824	4,849	1,586	44,515	1,233	59,600	19,733	8,133	-715	406	298,165
December.....	176,975	8,025	1,728	42,810	1,229	68,612	24,107	7,766	-677	393	330,967
<b>Total.....</b>	<b>1,970,273</b>	<b>101,542</b>	<b>16,714</b>	<b>629,207</b>	<b>10,937</b>	<b>763,725</b>	<b>275,007</b>	<b>84,174</b>	<b>-8,668</b>	<b>5,078</b>	<b>3,847,990</b>
<b>2004</b>											
January.....	181,842	13,171	1,725	45,585	1,262	70,789	23,228	7,267	-753	302	344,419
February.....	162,857	7,472	1,451	48,111	1,181	64,103	21,172	6,910	-642	228	312,843
March.....	153,976	7,928	1,455	47,394	1,264	63,285	23,012	7,351	-683	224	305,207
April.....	141,790	7,304	1,467	49,485	1,322	58,635	21,110	7,317	-670	218	287,978
May.....	157,585	8,548	1,554	59,612	1,275	64,917	23,988	7,846	-664	247	324,908
<b>Total.....</b>	<b>798,050</b>	<b>44,423</b>	<b>7,653</b>	<b>250,187</b>	<b>6,304</b>	<b>321,730</b>	<b>112,509</b>	<b>36,690</b>	<b>-3,411</b>	<b>1,219</b>	<b>1,575,355</b>
<b>Year-to-Date</b>											
2002.....	752,603	29,959	6,573	243,357	4,386	317,094	113,905	35,217	-3,144	1,889	1,501,839
2003.....	782,358	43,826	5,514	229,071	4,029	309,056	118,623	33,533	-3,504	2,091	1,524,596
2004.....	798,050	44,423	7,653	250,187	6,304	321,730	112,509	36,690	-3,411	1,219	1,575,355
<b>Rolling 12 Months Ending in May</b>											
2003.....	1,962,885	92,568	14,807	676,720	11,106	772,026	269,047	85,239	-9,103	5,916	3,881,209
2004.....	1,985,965	102,140	18,853	650,323	13,213	776,399	268,893	87,331	-8,575	4,206	3,898,749

<sup>1</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>2</sup> Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

<sup>3</sup> Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

<sup>4</sup> Wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

<sup>5</sup> Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Values for 2002 and prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report," Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and predecessor forms.

**Table 1.1.A. Net Generation by Other Renewables: Total (All Sectors), 1990 through May 2004**  
(Thousand Megawatthours)

Period	Wood <sup>1</sup>	Waste <sup>2</sup>	Geothermal	Solar	Wind	Total
1990.....	32,522	13,260	15,434	367	2,789	64,372
1991.....	33,725	15,665	15,966	472	2,951	68,779
1992.....	36,529	17,816	16,138	400	2,888	73,770
1993.....	37,623	18,333	16,789	462	3,006	76,213
1994.....	37,937	19,129	15,535	487	3,447	76,535
1995.....	36,521	20,405	13,378	497	3,164	73,965
1996.....	36,800	20,911	14,329	521	3,234	75,796
1997.....	36,948	21,709	14,726	511	3,288	77,183
1998.....	36,338	22,448	14,774	502	3,026	77,088
1999.....	37,041	22,572	14,827	495	4,488	79,423
2000.....	37,595	23,131	14,093	493	5,593	80,906
2001.....	35,200	21,765	13,741	543	6,737	77,985
<b>2002</b>						
January.....	3,255	1,879	1,287	11	811	7,244
February.....	2,844	1,666	1,132	24	714	6,379
March.....	2,961	1,901	1,245	44	852	7,003
April.....	3,196	1,771	1,115	46	1,024	7,152
May.....	3,161	1,925	1,216	58	1,078	7,437
June.....	3,395	1,969	1,151	96	1,126	7,737
July.....	3,440	2,088	1,262	86	890	7,767
August.....	3,369	2,096	1,227	75	977	7,744
September.....	3,313	1,941	1,195	53	736	7,238
October.....	3,346	1,837	1,235	31	734	7,183
November.....	3,161	1,849	1,189	28	656	6,884
December.....	3,222	1,934	1,236	4	755	7,153
<b>Total.....</b>	<b>38,665</b>	<b>22,857</b>	<b>14,491</b>	<b>555</b>	<b>10,354</b>	<b>86,922</b>
<b>2003</b>						
January.....	2,976	1,741	1,144	13	558	6,432
February.....	2,681	1,619	1,028	18	692	6,038
March.....	3,151	1,928	1,118	50	1,008	7,254
April.....	2,992	1,905	1,043	60	1,099	7,100
May.....	2,792	1,923	1,035	68	891	6,709
June.....	2,942	1,917	1,092	91	964	7,006
July.....	3,109	2,027	1,099	63	917	7,214
August.....	3,009	1,965	1,096	62	779	6,910
September.....	2,714	1,770	1,086	56	824	6,449
October.....	3,194	1,948	1,077	36	909	7,165
November.....	4,064	1,975	1,085	14	995	8,133
December.....	3,329	2,092	1,246	4	1,095	7,766
<b>Total.....</b>	<b>36,951</b>	<b>22,811</b>	<b>13,149</b>	<b>535</b>	<b>10,729</b>	<b>84,174</b>
<b>2004</b>						
January.....	3,216	1,866	1,254	12	918	7,267
February.....	3,038	1,709	1,177	18	967	6,910
March.....	3,041	1,870	1,199	53	1,187	7,351
April.....	3,016	1,889	1,119	57	1,236	7,317
May.....	2,935	2,022	1,172	81	1,635	7,846
<b>Total.....</b>	<b>15,247</b>	<b>9,357</b>	<b>5,921</b>	<b>221</b>	<b>5,944</b>	<b>36,690</b>
<b>Year-to-Date</b>						
2002.....	15,418	9,141	5,995	183	4,479	35,217
2003.....	14,592	9,116	5,369	210	4,246	33,533
2004.....	15,247	9,357	5,921	221	5,944	36,690
<b>Rolling 12 Months Ending in May</b>						
2003.....	37,839	22,831	13,865	582	10,121	85,239
2004.....	37,607	23,052	13,701	546	12,426	87,331

<sup>1</sup> Wood, black liquor, and other wood waste.

<sup>2</sup> Municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, and other biomass.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Values for 2002 and prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms.

**Table 1.2. Net Generation by Energy Source: Electric Utilities, 1990 through May 2004**  
(Thousand Megawatthours)

Period	Coal <sup>1</sup>	Petroleum Liquids <sup>2</sup>	Petroleum Coke	Natural Gas	Other Gases <sup>3</sup>	Nuclear	Hydroelectric Conventional	Other Renewables <sup>4</sup>	Hydroelectric Pumped Storage	Other <sup>5</sup>	Total
1990.....	1,559,606	115,483	1,534	264,089	--	576,862	283,434	10,651	-3,508	--	2,808,151
1991.....	1,551,167	110,135	1,328	264,172	--	612,565	280,061	10,137	-4,541	--	2,825,023
1992.....	1,575,895	86,984	1,933	263,872	--	618,776	243,736	10,200	-4,177	--	2,797,219
1993.....	1,639,151	96,475	3,064	258,915	--	610,291	269,098	9,565	-4,036	--	2,882,525
1994.....	1,635,493	88,897	2,142	291,115	--	640,440	247,071	8,933	-3,378	--	2,910,712
1995.....	1,652,914	59,036	1,809	307,306	--	673,402	296,378	6,409	-2,725	--	2,994,529
1996.....	1,737,453	65,695	1,651	262,730	--	674,729	331,058	7,214	-3,088	--	3,077,442
1997.....	1,787,806	74,372	3,381	283,625	--	628,644	341,273	7,462	-4,040	--	3,122,523
1998.....	1,807,480	105,440	4,718	309,222	--	673,702	308,844	7,206	-4,441	--	3,212,171
1999.....	1,767,679	82,981	3,948	296,381	--	725,036	299,914	3,716	-5,982	--	3,173,674
2000.....	1,696,619	69,653	2,527	290,715	--	705,433	253,155	2,241	-4,960	--	3,015,383
2001.....	1,560,146	74,729	4,179	264,434	--	534,207	197,804	2,152	-7,704	--	2,629,946
<b>2002</b>											
January.....	129,338	3,685	468	15,216	20	46,960	20,353	294	-650	--	215,684
February.....	112,211	2,768	474	13,839	8	40,348	18,511	280	-511	--	187,929
March.....	118,374	4,635	452	16,419	15	42,230	19,010	293	-597	--	200,833
April.....	111,068	4,861	413	16,989	10	39,054	21,895	253	-504	--	194,038
May.....	120,365	5,045	654	17,955	17	40,469	24,086	270	-423	--	208,436
June.....	130,586	4,537	675	23,657	17	42,988	25,956	269	-745	--	227,940
July.....	144,203	5,291	547	29,533	18	46,101	23,863	293	-888	--	248,962
August.....	141,107	5,216	595	29,270	17	45,960	19,769	312	-796	--	241,449
September.....	129,328	4,711	609	23,321	19	41,859	15,918	319	-675	--	215,408
October.....	123,870	4,669	492	17,926	14	39,233	15,716	329	-544	--	201,705
November.....	120,938	3,409	414	13,302	31	38,577	17,754	311	-532	--	194,205
December.....	133,281	4,012	494	12,212	20	43,601	19,471	345	-568	--	212,868
<b>Total.....</b>	<b>1,514,670</b>	<b>52,838</b>	<b>6,286</b>	<b>229,639</b>	<b>206</b>	<b>507,380</b>	<b>242,302</b>	<b>3,569</b>	<b>-7,434</b>	<b>--</b>	<b>2,549,457</b>
<b>2003</b>											
January.....	139,501	5,688	516	13,994	1	42,871	17,817	209	-664	--	219,933
February.....	120,558	4,341	558	12,299	1	37,995	18,026	189	-677	--	193,289
March.....	120,068	5,130	385	13,460	1	36,786	21,832	220	-689	--	197,193
April.....	111,086	4,208	487	14,341	1	34,524	22,302	198	-466	--	186,681
May.....	119,945	5,297	508	16,841	*	37,483	26,682	213	-534	--	206,434
June.....	128,091	6,725	665	17,735	*	39,157	26,040	187	-667	--	217,934
July.....	143,686	6,798	733	24,580	*	44,171	22,730	219	-659	--	242,259
August.....	144,742	6,679	681	26,020	*	43,465	20,661	206	-716	--	241,738
September.....	129,152	5,233	614	17,051	*	39,977	16,494	194	-688	--	208,026
October.....	124,866	5,186	770	13,806	*	37,740	16,218	197	-540	--	198,244
November.....	123,917	3,199	587	13,574	*	37,120	17,231	206	-606	--	195,230
December.....	137,818	4,668	660	12,605	1	43,220	21,114	312	-572	--	219,826
<b>Total.....</b>	<b>1,543,430</b>	<b>63,152</b>	<b>7,165</b>	<b>196,305</b>	<b>6</b>	<b>474,509</b>	<b>247,147</b>	<b>2,550</b>	<b>-7,478</b>	<b>--</b>	<b>2,526,786</b>
<b>2004</b>											
January.....	141,308	5,345	747	13,172	*	45,179	20,587	295	-636	--	225,998
February.....	124,715	4,250	642	13,418	*	40,660	19,164	276	-570	--	202,557
March.....	118,190	4,562	547	12,986	1	40,058	20,551	303	-608	--	196,589
April.....	110,031	4,492	497	14,329	*	38,380	18,479	253	-602	--	185,859
May.....	125,407	5,565	687	17,727	*	40,881	21,340	276	-585	--	211,298
<b>Total.....</b>	<b>619,651</b>	<b>24,214</b>	<b>3,120</b>	<b>71,633</b>	<b>2</b>	<b>205,158</b>	<b>100,121</b>	<b>1,404</b>	<b>-3,001</b>	<b>--</b>	<b>1,022,301</b>
<b>Year-to-Date</b>											
2002.....	591,357	20,994	2,461	80,418	70	209,061	103,854	1,390	-2,685	--	1,006,920
2003.....	611,158	24,663	2,455	70,934	3	189,659	106,658	1,029	-3,030	--	1,003,530
2004.....	619,651	24,214	3,120	71,633	2	205,158	100,121	1,404	-3,001	--	1,022,301
<b>Rolling 12 Months Ending in May</b>											
2003.....	1,534,471	56,508	6,281	220,155	139	487,978	245,106	3,207	-7,778	--	2,546,068
2004.....	1,551,924	62,703	7,830	197,004	4	490,008	240,609	2,925	-7,449	--	2,545,557

<sup>1</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>2</sup> Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

<sup>3</sup> Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

<sup>4</sup> Wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

<sup>5</sup> Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, 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 "\*").

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Values for 2002 and prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms.

**Table 1.3. Net Generation by Energy Source: Independent Power Producers, 1990 through May 2004**  
(Thousand Megawatthours)

Period	Coal <sup>1</sup>	Petroleum Liquids <sup>2</sup>	Petroleum Coke	Natural Gas	Other Gases <sup>3</sup>	Nuclear	Hydroelectric Conventional	Other Renewables <sup>4</sup>	Hydroelectric Pumped Storage	Other <sup>5</sup>	Total
1990.....	12,503	1,355	492	45,397	621	--	6,319	26,471	--	12	93,171
1991.....	17,679	648	687	53,602	719	--	5,959	30,842	--	403	110,538
1992.....	21,818	1,949	1,372	70,403	1,212	--	6,280	33,640	--	480	137,154
1993.....	26,313	2,295	3,592	83,307	967	--	8,425	36,067	--	408	161,372
1994.....	30,783	3,897	3,741	94,574	1,092	--	6,934	36,753	--	239	178,013
1995.....	33,142	3,156	4,145	111,873	1,927	--	9,033	36,213	--	213	199,702
1996.....	34,520	2,851	4,586	116,028	1,341	--	10,101	37,072	--	201	206,699
1997.....	32,955	3,976	4,751	115,971	1,533	--	9,375	38,228	--	63	206,852
1998.....	42,713	6,525	5,528	140,070	2,315	--	9,023	38,937	-26	159	245,245
1999.....	90,938	19,635	4,975	176,615	1,607	3,218	14,749	44,548	-115	139	356,309
2000.....	246,492	27,929	5,083	227,263	2,028	48,460	18,183	47,162	-579	125	622,146
2001.....	322,681	35,532	4,709	290,506	586	234,619	15,945	46,648	-1,119	--	950,107
<b>2002</b>											
January.....	33,182	1,433	679	25,611	182	23,966	1,146	4,286	-100	102	90,487
February.....	29,219	1,347	711	23,694	98	21,310	1,401	3,723	-75	119	81,547
March.....	31,350	1,994	744	27,457	146	20,810	1,722	4,312	-88	43	88,490
April.....	29,430	1,400	790	25,711	120	19,383	2,035	4,155	-80	144	83,088
May.....	29,281	1,346	722	25,246	111	22,564	2,289	4,477	-116	161	86,081
June.....	32,150	1,623	593	35,029	123	23,384	2,001	4,594	-118	233	99,613
July.....	36,799	2,925	741	46,858	180	24,319	1,333	4,586	-109	387	118,018
August.....	36,855	2,704	835	47,666	185	24,818	1,037	4,582	-139	359	118,902
September.....	34,169	1,690	693	38,060	162	22,622	921	4,171	-101	181	102,568
October.....	33,324	1,937	593	30,006	157	21,260	1,111	4,034	-137	106	92,391
November.....	33,234	1,391	602	25,434	134	22,943	1,527	3,937	-135	101	89,169
December.....	36,950	2,450	665	27,271	166	25,305	1,667	4,165	-111	121	98,648
<b>Total.....</b>	<b>395,943</b>	<b>22,241</b>	<b>8,368</b>	<b>378,044</b>	<b>1,763</b>	<b>272,684</b>	<b>18,189</b>	<b>51,022</b>	<b>-1,309</b>	<b>2,056</b>	<b>1,149,001</b>
<b>2003</b>											
January.....	39,024	4,924	525	27,064	111	26,340	1,479	3,861	-96	47	103,277
February.....	33,709	4,784	338	24,479	96	22,947	1,237	3,678	-97	6	91,177
March.....	32,733	3,929	361	25,626	98	23,147	1,984	4,382	-108	80	92,231
April.....	28,813	2,424	625	22,961	122	22,251	2,275	4,364	-88	67	83,815
May.....	27,623	1,205	531	25,127	105	24,711	2,685	4,055	-85	39	85,997
June.....	31,149	2,480	630	27,549	94	25,024	1,955	4,318	-114	46	93,131
July.....	37,085	3,323	775	43,364	92	25,482	1,443	4,460	-96	57	115,985
August.....	38,858	3,752	783	47,471	89	25,559	1,670	4,272	-102	131	122,483
September.....	32,748	1,709	790	32,033	94	23,607	1,289	4,010	-96	35	96,218
October.....	32,479	1,439	716	30,134	112	22,276	1,681	4,307	-94	47	93,097
November.....	33,155	1,407	872	24,675	109	22,480	2,057	4,396	-108	25	89,068
December.....	37,201	3,002	883	23,859	102	25,392	2,386	4,677	-105	9	97,405
<b>Total.....</b>	<b>404,577</b>	<b>34,378</b>	<b>7,828</b>	<b>354,342</b>	<b>1,224</b>	<b>289,215</b>	<b>22,142</b>	<b>50,779</b>	<b>-1,190</b>	<b>590</b>	<b>1,163,884</b>
<b>2004</b>											
January.....	38,508	7,192	868	26,179	144	25,610	2,123	4,363	-117	22	104,893
February.....	36,258	2,914	711	28,306	142	23,443	1,561	4,183	-73	49	97,494
March.....	33,914	3,057	807	27,857	175	23,227	2,041	4,566	-74	35	95,605
April.....	30,029	2,515	864	28,802	223	20,255	2,257	4,482	-68	23	89,383
May.....	30,414	2,696	764	34,548	179	24,036	2,264	5,085	-79	28	99,935
<b>Total.....</b>	<b>169,123</b>	<b>18,373</b>	<b>4,014</b>	<b>145,693</b>	<b>863</b>	<b>116,572</b>	<b>10,246</b>	<b>22,679</b>	<b>-410</b>	<b>157</b>	<b>487,309</b>
<b>Year-to-Date</b>											
2002.....	152,462	7,520	3,646	127,719	657	108,033	8,592	20,953	-459	569	429,693
2003.....	161,902	17,266	2,380	125,256	532	119,396	9,660	20,340	-475	240	456,498
2004.....	169,123	18,373	4,014	145,693	863	116,572	10,246	22,679	-410	157	487,309
<b>Rolling 12 Months Ending in May</b>											
2003.....	405,382	31,986	7,102	375,582	1,638	284,048	19,257	50,409	-1,325	1,728	1,175,805
2004.....	411,798	35,485	9,462	374,779	1,555	286,391	22,728	53,118	-1,126	506	1,194,695

<sup>1</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>2</sup> Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

<sup>3</sup> Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

<sup>4</sup> Wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

<sup>5</sup> Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Values for 2002 and prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms.

**Table 1.4. Net Generation by Energy Source: Commercial Combined Heat and Power Sector, 1990 through May 2004**  
(Thousand Megawatthours)

Period	Coal <sup>1</sup>	Petroleum Liquids <sup>2</sup>	Petroleum Coke	Natural Gas	Other Gases <sup>3</sup>	Nuclear	Hydroelectric Conventional	Other Renewables <sup>4</sup>	Hydroelectric Pumped Storage	Other <sup>5</sup>	Total
1990.....	796	589	--	3,272	121	--	138	922	--	--	5,837
1991.....	775	413	--	3,213	116	--	131	1,010	--	1	5,659
1992.....	749	300	2	3,867	105	--	122	1,082	--	1	6,228
1993.....	864	331	4	4,471	100	--	100	1,132	--	*	7,000
1994.....	850	413	3	4,929	115	--	93	1,216	--	--	7,619
1995.....	998	376	3	5,162	--	--	118	1,575	--	*	8,232
1996.....	1,051	366	2	5,249	*	--	126	2,235	--	*	9,030
1997.....	1,040	424	3	4,725	3	--	120	2,385	--	*	8,701
1998.....	985	380	3	4,879	7	--	120	2,373	--	--	8,748
1999.....	995	431	3	4,607	*	--	115	2,412	--	*	8,563
2000.....	1,097	429	3	4,262	*	--	100	2,012	--	*	7,903
2001.....	995	434	4	4,434	*	--	66	1,482	--	*	7,416
<b>2002</b>											
January.....	85	35	*	355	--	--	1	114	--	8	597
February.....	70	36	1	291	--	--	1	94	--	7	500
March.....	84	31	*	338	*	--	1	111	--	6	573
April.....	66	27	1	328	--	--	1	118	--	8	546
May.....	69	27	*	314	*	--	1	146	--	8	566
June.....	83	29	1	378	--	--	1	142	--	8	642
July.....	101	38	*	448	--	--	1	146	--	8	743
August.....	102	37	*	490	--	--	1	158	--	8	797
September.....	88	33	*	392	--	--	1	154	--	8	676
October.....	78	31	*	344	--	--	1	139	--	8	600
November.....	78	37	*	294	--	--	1	143	--	*	554
December.....	88	65	1	339	--	--	1	121	--	7	622
<b>Total.....</b>	<b>992</b>	<b>426</b>	<b>6</b>	<b>4,310</b>	<b>*</b>	<b>--</b>	<b>13</b>	<b>1,585</b>	<b>--</b>	<b>84</b>	<b>7,415</b>
<b>2003</b>											
January.....	90	97	*	376	*	--	6	133	--	*	703
February.....	86	76	*	293	*	--	6	122	--	*	584
March.....	85	41	*	356	*	--	9	168	--	2	662
April.....	81	23	*	341	*	--	12	172	--	2	632
May.....	66	23	*	415	*	--	22	169	--	*	694
June.....	83	31	1	466	*	--	6	166	--	*	752
July.....	100	38	*	396	*	--	10	165	--	2	713
August.....	103	43	1	427	*	--	9	162	--	*	745
September.....	87	26	*	284	*	--	4	152	--	*	554
October.....	79	26	*	322	*	--	4	172	--	*	604
November.....	82	25	*	293	*	--	5	147	--	*	552
December.....	89	43	*	284	*	--	6	168	--	*	590
<b>Total.....</b>	<b>1,033</b>	<b>493</b>	<b>5</b>	<b>4,252</b>	<b>*</b>	<b>--</b>	<b>98</b>	<b>1,897</b>	<b>--</b>	<b>8</b>	<b>7,785</b>
<b>2004</b>											
January.....	97	101	1	297	--	--	4	138	--	*	639
February.....	98	38	1	313	--	--	7	126	--	*	583
March.....	91	36	1	300	--	--	12	142	--	*	581
April.....	72	33	1	285	--	--	11	149	--	*	550
May.....	90	29	--	337	--	--	13	165	--	*	633
<b>Total.....</b>	<b>447</b>	<b>237</b>	<b>3</b>	<b>1,533</b>	<b>--</b>	<b>--</b>	<b>46</b>	<b>720</b>	<b>--</b>	<b>*</b>	<b>2,986</b>
<b>Year-to-Date</b>											
2002.....	374	156	2	1,626	*	--	5	582	--	37	2,781
2003.....	409	260	2	1,781	*	--	53	764	--	4	3,275
2004.....	447	237	3	1,533	--	--	46	720	--	*	2,986
<b>Rolling 12 Months Ending in May</b>											
2003.....	1,027	530	6	4,465	*	--	62	1,767	--	51	7,908
2004.....	1,070	470	7	4,003	*	--	90	1,852	--	4	7,496

<sup>1</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>2</sup> Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

<sup>3</sup> Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

<sup>4</sup> Wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

<sup>5</sup> Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, 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 "\*\*").

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Values for 2002 and prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report;" and predecessor forms.

**Table 1.5. Net Generation by Energy Source: Industrial Combined Heat and Power Sector, 1990 through May 2004**  
(Thousand Megawatthours)

Period	Coal <sup>1</sup>	Petroleum Liquids <sup>2</sup>	Petroleum Coke	Natural Gas	Other Gases <sup>3</sup>	Nuclear	Hydroelectric Conventional	Other Renewables <sup>4</sup>	Hydroelectric Pumped Storage	Other <sup>5</sup>	Total
1990.....	21,107	4,780	2,389	60,007	9,641	--	2,975	26,328	--	3,604	130,830
1991.....	21,002	4,455	2,085	60,567	10,501	--	2,844	26,791	--	4,336	132,579
1992.....	22,743	4,878	2,737	65,933	11,953	--	2,950	28,847	--	3,239	143,280
1993.....	23,742	5,287	1,741	68,234	11,890	--	2,871	29,450	--	3,079	146,294
1994.....	23,568	5,232	1,575	69,600	12,112	--	6,028	29,633	--	3,428	151,178
1995.....	22,372	4,376	1,654	71,717	11,943	--	5,304	29,768	--	3,890	151,025
1996.....	22,172	4,608	1,652	71,049	13,015	--	5,878	29,274	--	3,370	151,017
1997.....	23,214	4,001	1,648	75,078	11,814	--	5,685	29,107	--	3,549	154,097
1998.....	22,337	4,514	1,692	77,085	11,170	--	5,349	28,572	--	3,412	154,132
1999.....	21,474	4,229	1,860	78,793	12,519	--	4,758	28,747	--	3,885	156,264
2000.....	22,056	4,149	1,448	78,798	11,927	--	4,135	29,491	--	4,669	156,673
2001.....	20,135	3,952	1,341	79,755	8,454	--	3,145	27,703	--	4,690	149,175
<b>2002</b>											
January.....	1,752	280	110	7,231	721	--	296	2,550	--	232	13,173
February.....	1,548	238	89	6,484	653	--	279	2,282	--	276	11,850
March.....	1,677	276	83	7,001	743	--	276	2,287	--	310	12,654
April.....	1,741	247	96	6,118	759	--	317	2,627	--	271	12,176
May.....	1,691	247	86	6,761	781	--	287	2,545	--	194	12,592
June.....	1,848	239	99	6,567	868	--	255	2,733	--	220	12,829
July.....	2,092	253	117	7,079	873	--	273	2,742	--	390	13,820
August.....	1,891	237	113	7,051	915	--	277	2,691	--	263	13,438
September.....	1,782	236	103	6,388	872	--	247	2,594	--	406	12,628
October.....	1,827	274	121	5,925	737	--	343	2,682	--	455	12,363
November.....	1,804	335	97	6,131	730	--	447	2,493	--	325	12,361
December.....	1,872	333	93	6,277	840	--	529	2,522	--	231	12,697
<b>Total.....</b>	<b>21,525</b>	<b>3,196</b>	<b>1,207</b>	<b>79,013</b>	<b>9,493</b>	<b>--</b>	<b>3,825</b>	<b>30,747</b>	<b>--</b>	<b>3,574</b>	<b>152,580</b>
<b>2003</b>											
January.....	2,017	430	157	7,250	797	--	413	2,229	--	297	13,591
February.....	1,710	346	116	6,220	633	--	362	2,049	--	249	11,685
March.....	1,804	346	130	6,460	802	--	524	2,484	--	451	13,001
April.....	1,696	245	136	5,698	610	--	414	2,365	--	428	11,593
May.....	1,663	269	138	5,472	652	--	539	2,272	--	421	11,425
June.....	1,686	282	154	6,150	769	--	499	2,334	--	351	12,225
July.....	1,890	286	148	6,468	805	--	498	2,370	--	360	12,825
August.....	1,892	268	139	6,748	729	--	497	2,270	--	421	12,963
September.....	1,602	206	137	5,465	736	--	428	2,093	--	334	11,001
October.....	1,738	312	149	6,342	926	--	407	2,489	--	404	12,766
November.....	1,669	218	127	5,973	1,124	--	440	3,384	--	381	13,315
December.....	1,867	312	184	6,062	1,125	--	601	2,609	--	384	13,146
<b>Total.....</b>	<b>21,233</b>	<b>3,520</b>	<b>1,716</b>	<b>74,308</b>	<b>9,707</b>	<b>--</b>	<b>5,621</b>	<b>28,948</b>	<b>--</b>	<b>4,481</b>	<b>149,534</b>
<b>2004</b>											
January.....	1,929	533	109	5,937	1,118	--	514	2,470	--	280	12,890
February.....	1,786	270	97	6,073	1,039	--	440	2,325	--	179	12,209
March.....	1,781	274	100	6,251	1,089	--	408	2,340	--	189	12,432
April.....	1,659	263	106	6,069	1,099	--	363	2,432	--	195	12,186
May.....	1,674	259	103	7,000	1,096	--	371	2,320	--	219	13,042
<b>Total.....</b>	<b>8,829</b>	<b>1,599</b>	<b>516</b>	<b>31,329</b>	<b>5,440</b>	<b>--</b>	<b>2,096</b>	<b>11,887</b>	<b>--</b>	<b>1,062</b>	<b>62,759</b>
<b>Year-to-Date</b>											
2002.....	8,411	1,288	464	33,595	3,658	--	1,454	12,291	--	1,283	62,445
2003.....	8,890	1,636	676	31,100	3,494	--	2,251	11,399	--	1,847	61,293
2004.....	8,829	1,599	516	31,329	5,440	--	2,096	11,887	--	1,062	62,759
<b>Rolling 12 Months Ending in May</b>											
2003.....	22,004	3,544	1,419	76,518	9,329	--	4,622	29,855	--	4,137	151,428
2004.....	21,173	3,483	1,555	74,538	11,653	--	5,466	29,436	--	3,696	151,000

<sup>1</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>2</sup> Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

<sup>3</sup> Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

<sup>4</sup> Wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

<sup>5</sup> Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Values for 2002 and prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report," Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and predecessor forms.

**Table 1.6.A. Net Generation by State by Sector, May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	May 2004	May 2003	Percent Change	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	<b>10,359</b>	<b>9,359</b>	<b>10.7</b>	<b>588</b>	<b>484</b>	<b>9,169</b>	<b>8,281</b>	<b>70</b>	<b>59</b>	<b>532</b>	<b>536</b>
Connecticut.....	2,603	2,478	5.1	NM	NM	2,580	2,460	NM	NM	NM	NM
Maine.....	1,662	1,434	15.9	NM	NM	1,193	929	16	16	453	488
Massachusetts.....	3,551	3,175	11.8	33	8	3,440	3,105	47	38	NM	NM
New Hampshire.....	1,555	1,455	6.9	499	406	1,028	1,041	NM	NM	NM	NM
Rhode Island.....	518	259	100.1	NM	NM	514	256	NM	NM	NM	NM
Vermont.....	471	559	-15.7	54	66	414	490	--	--	NM	NM
<b>Middle Atlantic.....</b>	<b>33,718</b>	<b>30,563</b>	<b>10.3</b>	<b>6,571</b>	<b>6,188</b>	<b>26,478</b>	<b>23,751</b>	<b>93</b>	<b>73</b>	<b>575</b>	<b>551</b>
New Jersey.....	4,265	3,954	7.9	142	60	4,013	3,778	NM	NM	96	106
New York.....	11,493	10,429	10.2	3,436	3,303	7,830	6,929	50	33	178	164
Pennsylvania.....	17,960	16,180	11.0	2,992	2,825	14,636	13,043	30	30	302	282
<b>East North Central.....</b>	<b>52,195</b>	<b>47,022</b>	<b>11.0</b>	<b>34,668</b>	<b>31,755</b>	<b>16,448</b>	<b>14,535</b>	<b>121</b>	<b>80</b>	<b>958</b>	<b>652</b>
Illinois.....	15,742	14,483	8.7	1,685	1,586	13,795	12,780	41	15	221	102
Indiana.....	9,936	9,695	2.5	8,851	9,110	719	385	18	16	349	184
Michigan.....	9,628	7,486	28.6	8,079	6,448	1,375	872	47	39	128	127
Ohio.....	12,465	10,790	15.5	11,915	10,328	471	432	NM	NM	79	29
Wisconsin.....	4,423	4,569	-3.2	4,138	4,284	88	66	15	9	182	210
<b>West North Central.....</b>	<b>23,171</b>	<b>22,686</b>	<b>2.1</b>	<b>22,233</b>	<b>21,941</b>	<b>638</b>	<b>302</b>	<b>36</b>	<b>18</b>	<b>264</b>	<b>425</b>
Iowa.....	3,031	3,049	-6	2,819	2,939	108	73	11	9	NM	NM
Kansas.....	4,082	3,732	9.4	4,029	3,690	50	40	NM	NM	NM	NM
Minnesota.....	4,086	4,284	-4.6	3,669	3,770	268	137	8	8	140	369
Missouri.....	6,483	6,598	-1.7	6,277	6,533	177	51	15	*	NM	NM
Nebraska.....	2,283	2,149	6.2	2,277	2,144	NM	NM	NM	NM	NM	NM
North Dakota.....	2,378	2,201	8.0	2,348	2,192	19	--	--	--	NM	NM
South Dakota.....	828	673	23.1	814	673	14	--	--	--	--	--
<b>South Atlantic.....</b>	<b>66,773</b>	<b>62,803</b>	<b>6.3</b>	<b>53,814</b>	<b>52,248</b>	<b>11,054</b>	<b>8,740</b>	<b>59</b>	<b>57</b>	<b>1,846</b>	<b>1,759</b>
Delaware.....	607	297	104.1	NM	NM	559	220	--	--	NM	NM
District of Columbia.....	3	2	65.7	--	--	3	2	--	--	--	--
Florida.....	18,465	18,198	1.5	16,629	16,121	1,360	1,710	9	8	467	359
Georgia.....	11,749	10,529	11.6	10,587	9,884	750	219	NM	NM	412	426
Maryland.....	4,230	3,312	27.7	NM	NM	4,187	3,263	NM	NM	38	43
North Carolina.....	11,446	9,967	14.8	10,244	8,888	845	661	9	9	348	410
South Carolina.....	7,543	7,630	-1.1	7,177	7,481	148	17	NM	NM	212	127
Virginia.....	6,160	5,059	21.8	4,946	4,301	1,004	552	33	33	177	173
West Virginia.....	6,571	7,808	-15.9	4,215	5,561	2,198	2,096	--	--	157	150
<b>East South Central.....</b>	<b>31,125</b>	<b>28,833</b>	<b>8.0</b>	<b>27,729</b>	<b>26,524</b>	<b>2,489</b>	<b>1,364</b>	<b>13</b>	<b>8</b>	<b>894</b>	<b>937</b>
Alabama.....	11,672	11,641	.3	10,539	11,064	672	135	--	--	461	442
Kentucky.....	7,891	6,992	12.9	6,945	6,151	909	808	--	--	37	33
Mississippi.....	3,763	4,009	-6.1	2,703	3,435	904	418	2	2	154	155
Tennessee.....	7,799	6,191	26.0	7,542	5,874	4	3	11	6	241	307
<b>West South Central.....</b>	<b>50,416</b>	<b>48,802</b>	<b>3.3</b>	<b>24,432</b>	<b>24,609</b>	<b>19,681</b>	<b>19,212</b>	<b>43</b>	<b>182</b>	<b>6,260</b>	<b>4,798</b>
Arkansas.....	3,584	3,706	-3.3	3,303	3,226	110	310	NM	NM	171	169
Louisiana.....	8,859	7,632	16.1	3,919	4,037	2,245	1,785	--	137	2,695	1,673
Oklahoma.....	4,928	4,788	2.9	3,759	4,302	1,047	375	NM	NM	121	108
Texas.....	33,045	32,676	1.1	13,451	13,044	16,279	16,742	42	42	3,273	2,848
<b>Mountain.....</b>	<b>27,603</b>	<b>25,863</b>	<b>6.7</b>	<b>22,696</b>	<b>22,484</b>	<b>4,731</b>	<b>3,182</b>	<b>NM</b>	<b>NM</b>	<b>166</b>	<b>175</b>
Arizona.....	8,603	7,435	15.7	6,793	6,682	1,774	719	NM	NM	35	33
Colorado.....	3,868	3,704	4.4	3,372	3,383	488	301	3	16	NM	NM
Idaho.....	1,037	1,235	-16.0	869	1,015	113	169	--	--	56	52
Montana.....	2,024	1,988	1.8	594	644	1,425	1,337	--	--	NM	NM
Nevada.....	2,782	1,987	40.0	2,070	1,512	712	475	--	--	--	--
New Mexico.....	2,969	2,921	1.6	2,855	2,859	93	46	NM	NM	NM	NM
Utah.....	3,399	3,386	.4	3,333	3,322	42	42	NM	NM	NM	NM
Wyoming.....	2,922	3,207	-8.9	2,809	3,068	85	94	--	--	28	45
<b>Pacific Contiguous.....</b>	<b>28,012</b>	<b>27,113</b>	<b>3.3</b>	<b>17,486</b>	<b>19,205</b>	<b>8,921</b>	<b>6,255</b>	<b>172</b>	<b>185</b>	<b>1,433</b>	<b>1,468</b>
California.....	15,416	15,107	2.0	6,527	8,116	7,420	5,488	159	162	1,310	1,341
Oregon.....	3,897	3,797	2.6	3,205	3,393	628	341	NM	NM	63	62
Washington.....	8,698	8,210	5.9	7,754	7,696	872	426	12	23	61	64
<b>Pacific Noncontiguous..</b>	<b>1,537</b>	<b>1,505</b>	<b>2.1</b>	<b>1,081</b>	<b>996</b>	<b>327</b>	<b>375</b>	<b>16</b>	<b>10</b>	<b>113</b>	<b>124</b>
Alaska.....	586	575	2.1	473	472	NM	NM	16	10	80	76
Hawaii.....	950	931	2.1	608	524	310	358	--	--	32	48
<b>U.S. Total.....</b>	<b>324,908</b>	<b>304,550</b>	<b>6.7</b>	<b>211,298</b>	<b>206,434</b>	<b>99,935</b>	<b>85,997</b>	<b>633</b>	<b>694</b>	<b>13,042</b>	<b>11,425</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

W = Withheld to avoid disclosure of individual company data.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report," and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.6.B. Net Generation by State by Sector, Year-to-Date through May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>53,963</b>	<b>50,321</b>	<b>7.2</b>	<b>3,052</b>	<b>2,784</b>	<b>47,666</b>	<b>44,437</b>	<b>402</b>	<b>290</b>	<b>2,842</b>	<b>2,810</b>
Connecticut.....	12,528	12,810	-2.2	NM	NM	12,417	12,698	NM	NM	NM	NM
Maine.....	8,861	7,979	11.0	NM	NM	6,364	5,452	74	71	2,421	2,455
Massachusetts.....	20,696	17,760	16.5	275	124	19,958	17,294	280	168	182	173
New Hampshire.....	7,679	7,345	4.6	2,521	2,373	5,011	4,875	NM	NM	135	81
Rhode Island.....	1,959	1,833	6.9	NM	NM	1,932	1,805	NM	NM	NM	NM
Vermont.....	2,240	2,595	-13.7	241	267	1,984	2,313	--	--	NM	NM
<b>Middle Atlantic.....</b>	<b>170,095</b>	<b>160,471</b>	<b>6.0</b>	<b>32,156</b>	<b>29,055</b>	<b>134,644</b>	<b>128,043</b>	<b>470</b>	<b>397</b>	<b>2,824</b>	<b>2,975</b>
New Jersey.....	22,259	22,765	-2.2	833	749	20,885	21,347	NM	NM	485	614
New York.....	58,277	54,547	6.8	16,805	16,608	40,368	36,928	250	193	854	819
Pennsylvania.....	89,559	83,159	7.7	14,519	11,699	73,390	69,769	164	149	1,486	1,543
<b>East North Central.....</b>	<b>261,931</b>	<b>252,160</b>	<b>3.9</b>	<b>175,859</b>	<b>169,866</b>	<b>80,538</b>	<b>77,637</b>	<b>560</b>	<b>435</b>	<b>4,974</b>	<b>4,221</b>
Illinois.....	78,201	77,646	.7	8,365	8,211	68,407	68,239	199	84	1,230	1,113
Indiana.....	51,574	50,096	3.0	46,148	47,229	3,652	1,605	96	88	1,677	1,174
Michigan.....	48,622	43,344	12.2	41,243	37,506	6,490	5,002	194	202	695	634
Ohio.....	59,573	57,398	3.8	57,606	54,873	1,548	2,344	NM	NM	418	174
Wisconsin.....	23,960	23,677	1.2	22,497	22,047	441	448	69	54	954	1,127
<b>West North Central.....</b>	<b>121,072</b>	<b>119,243</b>	<b>1.5</b>	<b>116,874</b>	<b>115,391</b>	<b>2,611</b>	<b>1,674</b>	<b>178</b>	<b>146</b>	<b>1,409</b>	<b>2,032</b>
Iowa.....	17,165	16,795	2.2	16,018	15,906	555	459	64	52	528	378
Kansas.....	19,139	19,098	.2	18,924	18,816	203	199	NM	NM	NM	NM
Minnesota.....	21,606	21,886	-1.3	19,457	19,647	1,395	779	47	45	708	1,415
Missouri.....	34,455	34,007	1.3	33,962	33,656	355	234	60	41	78	76
Nebraska.....	12,718	11,701	8.7	12,688	11,671	NM	NM	7	7	NM	NM
North Dakota.....	12,725	12,712	.1	12,603	12,652	58	--	--	--	64	60
South Dakota.....	3,264	3,043	7.2	3,221	3,043	43	--	--	--	--	--
<b>South Atlantic.....</b>	<b>320,583</b>	<b>311,811</b>	<b>2.8</b>	<b>258,296</b>	<b>251,880</b>	<b>52,787</b>	<b>50,741</b>	<b>263</b>	<b>388</b>	<b>9,236</b>	<b>8,802</b>
Delaware.....	3,402	3,077	10.6	NM	NM	3,100	2,799	--	--	226	239
District of Columbia.....	20	38	-46.5	--	--	20	38	--	--	--	--
Florida.....	80,244	77,428	3.6	72,210	68,664	5,768	6,887	43	40	2,224	1,837
Georgia.....	52,109	49,576	5.1	47,462	46,109	2,391	1,376	NM	NM	2,256	2,090
Maryland.....	22,206	20,529	8.2	NM	NM	21,976	20,279	10	11	202	219
North Carolina.....	54,626	52,758	3.5	49,708	47,860	3,137	2,798	43	44	1,739	2,056
South Carolina.....	39,159	39,608	-1.1	37,871	38,742	306	120	24	19	958	727
Virginia.....	31,962	28,965	10.3	26,368	23,321	4,597	4,484	142	274	855	886
West Virginia.....	36,854	39,833	-7.5	24,585	27,125	11,960	11,960	--	--	776	748
<b>East South Central.....</b>	<b>147,650</b>	<b>144,058</b>	<b>2.5</b>	<b>132,520</b>	<b>133,019</b>	<b>10,394</b>	<b>6,276</b>	<b>55</b>	<b>52</b>	<b>4,680</b>	<b>4,712</b>
Alabama.....	52,753	53,465	-1.3	47,608	50,310	2,767	787	--	--	2,379	2,369
Kentucky.....	39,461	37,613	4.9	34,544	33,441	4,710	3,984	--	9	208	179
Mississippi.....	16,214	17,503	-7.4	12,519	15,299	2,895	1,474	9	8	791	722
Tennessee.....	39,222	35,477	10.6	37,850	33,969	NM	NM	46	35	1,303	1,442
<b>West South Central.....</b>	<b>226,723</b>	<b>223,808</b>	<b>1.3</b>	<b>108,789</b>	<b>107,108</b>	<b>88,971</b>	<b>89,377</b>	<b>189</b>	<b>575</b>	<b>28,774</b>	<b>26,748</b>
Arkansas.....	18,679	18,091	3.2	16,948	15,770	818	1,387	NM	NM	908	930
Louisiana.....	38,568	34,388	12.2	16,470	16,345	9,906	8,484	1	376	12,190	9,184
Oklahoma.....	23,022	22,309	3.2	17,855	19,668	4,575	2,042	NM	NM	587	591
Texas.....	146,454	149,019	-1.7	57,515	55,325	73,671	77,464	181	186	15,088	16,043
<b>Mountain.....</b>	<b>130,422</b>	<b>124,834</b>	<b>4.5</b>	<b>107,744</b>	<b>106,890</b>	<b>21,799</b>	<b>16,936</b>	<b>67</b>	<b>111</b>	<b>812</b>	<b>897</b>
Arizona.....	39,278	35,278	11.3	32,880	31,071	6,226	4,052	NM	NM	165	147
Colorado.....	18,780	18,113	3.7	16,361	16,669	2,362	1,337	35	76	NM	NM
Idaho.....	3,808	4,065	-6.3	3,126	3,381	408	407	--	--	274	277
Montana.....	10,393	9,655	7.6	2,018	2,089	8,349	7,533	--	--	26	33
Nevada.....	12,727	11,345	12.2	9,298	8,600	3,429	2,745	--	--	--	--
New Mexico.....	12,835	13,399	-4.2	12,321	13,114	429	203	NM	NM	NM	NM
Utah.....	14,988	15,086	-6	14,687	14,802	194	173	NM	NM	99	103
Wyoming.....	17,613	17,894	-1.6	17,053	17,165	402	485	--	--	158	244
<b>Pacific Contiguous.....</b>	<b>135,433</b>	<b>130,565</b>	<b>3.7</b>	<b>81,847</b>	<b>82,471</b>	<b>46,170</b>	<b>39,802</b>	<b>725</b>	<b>812</b>	<b>6,691</b>	<b>7,481</b>
California.....	72,593	69,048	5.1	30,767	30,601	35,122	30,939	677	743	6,027	6,766
Oregon.....	21,647	21,152	2.3	16,933	17,708	4,386	3,100	NM	NM	327	343
Washington.....	41,192	40,365	2.0	34,147	34,162	6,662	5,763	46	67	337	372
<b>Pacific Noncontiguous..</b>	<b>7,485</b>	<b>7,324</b>	<b>2.2</b>	<b>5,164</b>	<b>5,066</b>	<b>1,730</b>	<b>1,574</b>	<b>76</b>	<b>69</b>	<b>516</b>	<b>615</b>
Alaska.....	3,043	3,037	.2	2,495	2,469	103	101	76	69	369	397
Hawaii.....	4,443	4,287	3.6	2,669	2,597	1,627	1,473	--	--	147	217
<b>U.S. Total.....</b>	<b>1,575,355</b>	<b>1,524,596</b>	<b>3.3</b>	<b>1,022,301</b>	<b>1,003,530</b>	<b>487,309</b>	<b>456,498</b>	<b>2,986</b>	<b>3,275</b>	<b>62,759</b>	<b>61,293</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.7.A. Net Generation from Coal by State by Sector, May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	May 2004	May 2003	Percent Change	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	<b>1,294</b>	<b>1,480</b>	<b>-12.6</b>	<b>250</b>	<b>191</b>	<b>1,025</b>	<b>1,254</b>	--	--	NM	NM
Connecticut.....	364	352	3.3	--	--	364	352	--	--	--	--
Maine.....	36	49	-26.2	--	--	20	17	--	--	16	33
Massachusetts.....	644	888	-27.5	--	--	641	885	--	--	NM	NM
New Hampshire.....	250	191	30.9	250	191	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>11,183</b>	<b>10,507</b>	<b>6.4</b>	<b>1,897</b>	<b>1,709</b>	<b>9,101</b>	<b>8,613</b>	<b>1</b>	<b>2</b>	<b>184</b>	<b>183</b>
New Jersey.....	542	351	54.2	137	45	405	307	--	--	--	--
New York.....	1,746	1,597	9.3	138	108	1,548	1,431	1	2	59	56
Pennsylvania.....	8,895	8,558	3.9	1,623	1,556	7,147	6,875	*	*	125	126
<b>East North Central.....</b>	<b>35,581</b>	<b>34,122</b>	<b>4.3</b>	<b>28,851</b>	<b>28,746</b>	<b>6,369</b>	<b>5,128</b>	<b>41</b>	<b>36</b>	<b>321</b>	<b>213</b>
Illinois.....	7,356	6,109	20.4	1,665	1,561	5,535	4,487	4	2	151	59
Indiana.....	9,194	9,091	1.1	8,587	8,843	588	232	15	12	NM	NM
Michigan.....	5,045	5,214	-3.2	4,935	5,122	42	26	18	18	NM	NM
Ohio.....	10,785	10,655	1.2	10,542	10,256	203	382	--	--	NM	NM
Wisconsin.....	3,202	3,054	4.9	3,121	2,964	NM	NM	4	3	76	87
<b>West North Central.....</b>	<b>17,446</b>	<b>17,204</b>	<b>1.4</b>	<b>17,137</b>	<b>16,852</b>	<b>120</b>	<b>8</b>	<b>23</b>	<b>7</b>	<b>166</b>	<b>338</b>
Iowa.....	2,360	2,449	-3.6	2,260	2,412	NM	NM	8	6	NM	NM
Kansas.....	2,996	2,694	11.2	2,996	2,694	--	--	--	--	--	--
Minnesota.....	2,433	3,038	-19.9	2,261	2,743	111	--	--	--	NM	NM
Missouri.....	5,866	5,488	6.9	5,839	5,477	--	--	15	*	NM	NM
Nebraska.....	1,227	1,189	3.2	1,224	1,186	--	--	--	--	NM	NM
North Dakota.....	2,226	2,041	9.1	2,220	2,036	--	--	--	--	NM	NM
South Dakota.....	337	304	10.6	337	304	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>34,412</b>	<b>31,689</b>	<b>8.6</b>	<b>28,360</b>	<b>26,470</b>	<b>5,645</b>	<b>4,886</b>	<b>8</b>	<b>8</b>	<b>399</b>	<b>325</b>
Delaware.....	331	188	76.3	--	--	325	182	--	--	NM	NM
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	5,464	5,369	1.8	5,061	4,867	374	481	--	--	29	21
Georgia.....	7,605	6,374	19.3	7,531	6,304	--	--	--	--	75	71
Maryland.....	2,053	1,539	33.4	--	--	2,031	1,513	--	--	22	26
North Carolina.....	6,664	5,332	25.0	6,254	4,993	312	281	8	8	91	49
South Carolina.....	3,236	2,777	16.5	3,190	2,749	--	--	--	--	46	27
Virginia.....	2,687	2,516	6.8	2,149	2,050	480	406	--	--	58	60
West Virginia.....	6,373	7,594	-16.1	4,176	5,508	2,124	2,022	--	--	72	65
<b>East South Central.....</b>	<b>20,232</b>	<b>18,071</b>	<b>12.0</b>	<b>19,125</b>	<b>17,039</b>	<b>919</b>	<b>867</b>	<b>3</b>	<b>3</b>	<b>186</b>	<b>162</b>
Alabama.....	6,646	6,208	7.1	6,595	6,156	15	20	--	--	36	32
Kentucky.....	7,227	6,369	13.5	6,630	5,789	597	580	--	--	--	--
Mississippi.....	1,491	2,136	-30.2	1,183	1,869	307	267	--	--	*	1
Tennessee.....	4,869	3,358	45.0	4,717	3,225	--	--	3	3	150	129
<b>West South Central.....</b>	<b>19,475</b>	<b>19,011</b>	<b>2.4</b>	<b>13,719</b>	<b>13,451</b>	<b>5,455</b>	<b>5,264</b>	<b>--</b>	<b>--</b>	<b>301</b>	<b>296</b>
Arkansas.....	1,821	1,566	16.3	1,811	1,559	--	--	--	--	10	7
Louisiana.....	2,255	2,099	7.5	1,169	1,066	1,082	1,028	--	--	5	4
Oklahoma.....	2,285	2,974	-23.2	2,089	2,829	151	112	--	--	45	32
Texas.....	13,114	12,373	6.0	8,650	7,997	4,222	4,124	--	--	242	252
<b>Mountain.....</b>	<b>17,218</b>	<b>16,546</b>	<b>4.1</b>	<b>16,053</b>	<b>15,455</b>	<b>1,098</b>	<b>1,029</b>	<b>--</b>	<b>--</b>	<b>67</b>	<b>62</b>
Arizona.....	3,260	3,015	8.1	3,225	2,983	--	--	--	--	35	33
Colorado.....	2,925	2,891	1.2	2,897	2,867	28	24	--	--	--	--
Idaho.....	NM	NM	--	--	--	--	--	--	--	NM	NM
Montana.....	1,054	937	12.5	NM	NM	1,030	907	--	--	--	--
Nevada.....	1,463	884	65.5	1,463	884	--	--	--	--	--	--
New Mexico.....	2,548	2,571	-9	2,548	2,571	--	--	--	--	--	--
Utah.....	3,202	3,170	1.0	3,153	3,127	40	35	--	--	NM	NM
Wyoming.....	2,760	3,072	-10.2	2,742	2,992	--	63	--	--	18	16
<b>Pacific Contiguous.....</b>	<b>537</b>	<b>482</b>	<b>11.4</b>	<b>-2</b>	<b>15</b>	<b>509</b>	<b>421</b>	<b>--</b>	<b>*</b>	<b>30</b>	<b>46</b>
California.....	161	210	-23.4	--	--	132	167	--	--	29	44
Oregon.....	NM	NM	--	-2	15	--	--	--	--	NM	NM
Washington.....	377	256	47.3	--	--	377	254	--	--	*	1
<b>Pacific Noncontiguous..</b>	<b>206</b>	<b>184</b>	<b>11.7</b>	<b>18</b>	<b>18</b>	<b>174</b>	<b>153</b>	<b>14</b>	<b>9</b>	<b>--</b>	<b>4</b>
Alaska.....	49	43	13.4	18	18	NM	NM	14	9	--	--
Hawaii.....	156	140	11.2	--	--	156	137	--	--	--	4
<b>U.S. Total.....</b>	<b>157,585</b>	<b>149,296</b>	<b>5.6</b>	<b>125,407</b>	<b>119,945</b>	<b>30,414</b>	<b>27,623</b>	<b>90</b>	<b>66</b>	<b>1,674</b>	<b>1,663</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Coal includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.7.B. Net Generation from Coal by State by Sector, Year-to-Date through May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>7,893</b>	<b>8,277</b>	<b>-4.6</b>	<b>1,472</b>	<b>1,368</b>	<b>6,337</b>	<b>6,722</b>	--	--	<b>83</b>	<b>187</b>
Connecticut.....	1,839	1,795	2.4	--	--	1,839	1,795	--	--	--	--
Maine.....	169	249	-32.0	--	--	104	79	--	--	65	170
Massachusetts.....	4,412	4,865	-9.3	--	--	4,394	4,847	--	--	NM	NM
New Hampshire.....	1,472	1,368	7.7	1,472	1,368	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>63,188</b>	<b>60,250</b>	<b>4.9</b>	<b>9,304</b>	<b>7,696</b>	<b>52,919</b>	<b>51,583</b>	<b>16</b>	<b>13</b>	<b>949</b>	<b>957</b>
New Jersey.....	3,793	3,518	7.8	822	685	2,971	2,832	--	--	--	--
New York.....	9,961	9,910	.5	690	667	8,962	8,932	14	11	295	300
Pennsylvania.....	49,434	46,822	5.6	7,791	6,345	40,986	39,819	NM	NM	654	657
<b>East North Central.....</b>	<b>183,213</b>	<b>180,241</b>	<b>1.6</b>	<b>147,891</b>	<b>148,417</b>	<b>33,226</b>	<b>30,019</b>	<b>206</b>	<b>198</b>	<b>1,891</b>	<b>1,606</b>
Illinois.....	38,247	35,422	8.0	8,262	8,055	29,056	26,617	17	14	912	736
Indiana.....	48,210	47,629	1.2	45,201	46,322	2,911	1,216	77	70	NM	NM
Michigan.....	26,930	27,164	-9	26,379	26,649	169	154	94	96	289	265
Ohio.....	53,006	54,044	-1.9	51,697	51,911	1,084	2,027	1	2	225	104
Wisconsin.....	16,820	15,981	5.2	16,352	15,480	NM	NM	18	16	444	480
<b>West North Central.....</b>	<b>92,882</b>	<b>93,089</b>	<b>-2</b>	<b>91,106</b>	<b>91,412</b>	<b>692</b>	<b>50</b>	<b>101</b>	<b>76</b>	<b>983</b>	<b>1,551</b>
Iowa.....	14,026	14,383	-2.5	13,428	13,955	NM	NM	43	39	504	340
Kansas.....	13,981	13,888	.7	13,981	13,888	--	--	--	--	--	--
Minnesota.....	13,250	14,372	-7.8	12,257	13,285	640	--	--	--	353	1,087
Missouri.....	30,239	29,021	4.2	30,109	28,914	--	--	58	37	NM	NM
Nebraska.....	7,830	8,040	-2.6	7,811	8,022	--	--	--	--	NM	NM
North Dakota.....	11,916	11,916	.0	11,881	11,881	--	--	--	--	NM	NM
South Dakota.....	1,641	1,468	11.8	1,641	1,468	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>170,909</b>	<b>166,072</b>	<b>2.9</b>	<b>137,031</b>	<b>132,850</b>	<b>31,794</b>	<b>31,418</b>	<b>40</b>	<b>40</b>	<b>2,044</b>	<b>1,764</b>
Delaware.....	2,093	1,805	15.9	--	--	2,057	1,771	--	--	NM	NM
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	24,619	23,561	4.5	22,399	21,508	2,094	1,985	--	--	126	68
Georgia.....	32,910	30,724	7.1	32,506	30,366	--	--	--	--	404	359
Maryland.....	12,373	11,907	3.9	--	--	12,252	11,771	--	--	121	135
North Carolina.....	33,464	30,147	11.0	31,594	28,378	1,451	1,418	39	40	380	311
South Carolina.....	15,860	14,556	9.0	15,644	14,362	--	--	--	--	216	194
Virginia.....	13,743	14,500	-5.2	10,532	11,368	2,786	2,822	1	--	424	310
West Virginia.....	35,847	38,872	-7.8	24,356	26,869	11,155	11,651	--	--	337	352
<b>East South Central.....</b>	<b>94,577</b>	<b>92,918</b>	<b>1.8</b>	<b>89,319</b>	<b>87,827</b>	<b>4,317</b>	<b>4,225</b>	<b>13</b>	<b>21</b>	<b>929</b>	<b>844</b>
Alabama.....	28,122	29,257	-3.9	27,865	29,010	81	86	--	--	176	162
Kentucky.....	35,702	34,937	2.2	32,801	31,542	2,901	3,396	--	--	--	--
Mississippi.....	6,968	7,915	-12.0	5,629	7,160	1,335	744	--	--	4	10
Tennessee.....	23,785	20,808	14.3	23,023	20,115	--	--	13	21	749	672
<b>West South Central.....</b>	<b>91,351</b>	<b>90,263</b>	<b>1.2</b>	<b>62,968</b>	<b>62,596</b>	<b>26,961</b>	<b>26,231</b>	<b>--</b>	<b>--</b>	<b>1,422</b>	<b>1,436</b>
Arkansas.....	9,205	7,619	20.8	9,155	7,564	--	--	--	--	50	55
Louisiana.....	9,076	8,965	1.2	4,206	4,053	4,847	4,869	--	--	22	44
Oklahoma.....	12,701	14,968	-15.1	11,783	13,974	710	786	--	--	209	208
Texas.....	60,369	58,711	2.8	37,824	37,005	21,403	20,577	--	--	1,142	1,129
<b>Mountain.....</b>	<b>86,465</b>	<b>84,177</b>	<b>2.7</b>	<b>78,915</b>	<b>77,360</b>	<b>7,213</b>	<b>6,503</b>	<b>--</b>	<b>--</b>	<b>336</b>	<b>314</b>
Arizona.....	15,909	14,383	10.6	15,744	14,237	--	--	--	--	165	145
Colorado.....	14,429	14,506	-5	14,297	14,385	132	121	--	--	--	--
Idaho.....	NM	NM	--	--	--	--	--	--	--	NM	NM
Montana.....	7,014	6,129	14.4	118	127	6,896	6,001	--	--	--	--
Nevada.....	6,828	5,790	17.9	6,828	5,790	--	--	--	--	--	--
New Mexico.....	11,113	11,994	-7.3	11,113	11,994	--	--	--	--	--	--
Utah.....	14,310	14,125	1.3	14,082	13,928	185	158	--	--	43	39
Wyoming.....	16,831	17,220	-2.3	16,733	16,899	--	222	--	--	97	99
<b>Pacific Contiguous.....</b>	<b>6,607</b>	<b>6,152</b>	<b>7.4</b>	<b>1,557</b>	<b>1,546</b>	<b>4,856</b>	<b>4,390</b>	<b>NM</b>	<b>NM</b>	<b>191</b>	<b>213</b>
California.....	876	895	-2.2	--	--	699	698	--	--	177	197
Oregon.....	1,562	1,551	.7	1,557	1,546	--	--	--	--	NM	NM
Washington.....	4,169	3,706	12.5	--	--	4,157	3,692	NM	NM	10	11
<b>Pacific Noncontiguous..</b>	<b>966</b>	<b>920</b>	<b>5.0</b>	<b>88</b>	<b>84</b>	<b>809</b>	<b>760</b>	<b>69</b>	<b>58</b>	<b>--</b>	<b>18</b>
Alaska.....	259	240	7.7	88	84	102	99	69	58	--	--
Hawaii.....	707	679	4.0	--	--	707	661	--	--	--	18
<b>U.S. Total.....</b>	<b>798,050</b>	<b>782,358</b>	<b>2.0</b>	<b>619,651</b>	<b>611,158</b>	<b>169,123</b>	<b>161,902</b>	<b>447</b>	<b>409</b>	<b>8,829</b>	<b>8,890</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Coal includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.8.A. Net Generation from Petroleum Liquids by State by Sector, May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	May 2004	May 2003	Percent Change	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	<b>804</b>	<b>544</b>	<b>47.9</b>	<b>221</b>	<b>188</b>	<b>504</b>	<b>286</b>	<b>NM</b>	<b>NM</b>	<b>62</b>	<b>53</b>
Connecticut.....	48	12	295.9	NM	NM	46	11	NM	NM	NM	NM
Maine.....	90	83	7.5	--	--	42	39	NM	NM	47	44
Massachusetts.....	445	253	75.7	6	6	416	226	13	14	NM	NM
New Hampshire.....	216	192	12.8	214	180	NM	NM	NM	NM	NM	NM
Rhode Island.....	NM	NM	--	NM	NM	NM	NM	NM	NM	NM	NM
Vermont.....	NM	NM	--	NM	NM	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>1,980</b>	<b>1,090</b>	<b>81.5</b>	<b>625</b>	<b>604</b>	<b>1,324</b>	<b>433</b>	<b>NM</b>	<b>NM</b>	<b>22</b>	<b>51</b>
New Jersey.....	157	40	296.4	14	2	136	2	NM	NM	NM	NM
New York.....	1,414	945	49.6	609	599	786	332	NM	NM	10	12
Pennsylvania.....	408	106	286.9	1	3	402	99	NM	NM	NM	NM
<b>East North Central.....</b>	<b>137</b>	<b>103</b>	<b>32.5</b>	<b>111</b>	<b>87</b>	<b>13</b>	<b>10</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>
Illinois.....	9	12	-22.8	2	4	7	8	NM	NM	NM	NM
Indiana.....	16	17	-6.4	15	16	NM	NM	NM	NM	1	1
Michigan.....	64	30	115.9	63	29	NM	NM	NM	NM	NM	NM
Ohio.....	37	37	-1.3	25	36	5	1	NM	NM	6	*
Wisconsin.....	NM	NM	--	5	2	NM	NM	--	*	NM	NM
<b>West North Central.....</b>	<b>97</b>	<b>68</b>	<b>42.5</b>	<b>95</b>	<b>63</b>	<b>1</b>	<b>3</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>
Iowa.....	9	4	119.7	9	4	NM	NM	NM	NM	NM	NM
Kansas.....	74	38	93.8	74	38	--	--	--	--	NM	NM
Minnesota.....	4	12	-67.1	3	8	*	3	NM	NM	NM	NM
Missouri.....	6	9	-35.1	6	9	--	--	NM	NM	NM	NM
Nebraska.....	NM	NM	--	NM	NM	--	--	*	*	--	--
North Dakota.....	3	3	16.8	3	2	--	--	--	--	*	*
South Dakota.....	NM	NM	--	NM	NM	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>4,176</b>	<b>3,624</b>	<b>15.2</b>	<b>3,386</b>	<b>3,273</b>	<b>689</b>	<b>277</b>	<b>NM</b>	<b>NM</b>	<b>101</b>	<b>73</b>
Delaware.....	43	20	118.2	NM	NM	19	2	--	--	NM	NM
District of Columbia.....	3	2	65.7	--	--	3	2	--	--	--	--
Florida.....	2,611	3,185	-18.0	2,488	2,984	102	193	--	--	21	8
Georgia.....	28	65	-56.2	14	40	NM	NM	NM	NM	14	23
Maryland.....	544	63	767.3	NM	NM	541	59	*	*	NM	NM
North Carolina.....	85	62	36.6	59	45	NM	NM	NM	NM	25	16
South Carolina.....	41	26	61.9	24	19	--	--	NM	NM	18	7
Virginia.....	801	181	341.7	768	158	23	16	NM	NM	10	7
West Virginia.....	21	22	-5.3	20	18	1	4	--	--	NM	NM
<b>East South Central.....</b>	<b>187</b>	<b>113</b>	<b>65.3</b>	<b>165</b>	<b>87</b>	<b>3</b>	<b>9</b>	<b>NM</b>	<b>NM</b>	<b>19</b>	<b>17</b>
Alabama.....	22	54	-59.2	9	36	NM	NM	--	--	13	13
Kentucky.....	10	13	-21.3	7	8	3	5	--	--	--	--
Mississippi.....	136	12	NM	132	9	--	--	NM	NM	5	3
Tennessee.....	19	34	-46.0	17	33	--	--	--	--	NM	NM
<b>West South Central.....</b>	<b>376</b>	<b>417</b>	<b>-9.8</b>	<b>294</b>	<b>384</b>	<b>63</b>	<b>20</b>	<b>NM</b>	<b>NM</b>	<b>19</b>	<b>13</b>
Arkansas.....	NM	NM	--	NM	NM	--	--	--	--	7	*
Louisiana.....	275	170	61.8	269	162	2	3	--	--	4	5
Oklahoma.....	6	6	7.9	2	2	--	--	--	*	4	4
Texas.....	71	239	-70.4	5	218	61	17	NM	NM	4	3
<b>Mountain.....</b>	<b>18</b>	<b>27</b>	<b>-33.6</b>	<b>15</b>	<b>24</b>	<b>2</b>	<b>2</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>
Arizona.....	3	7	-57.0	3	7	--	--	NM	NM	NM	NM
Colorado.....	NM	NM	--	2	1	NM	NM	--	--	NM	NM
Idaho.....	NM	NM	--	NM	NM	--	--	--	--	--	--
Montana.....	2	2	34.6	NM	NM	2	1	--	--	--	--
Nevada.....	3	3	-18.6	3	3	--	--	--	--	--	--
New Mexico.....	NM	NM	--	*	4	NM	NM	--	--	NM	NM
Utah.....	3	5	-32.4	3	5	NM	NM	--	--	--	--
Wyoming.....	4	5	-12.2	4	5	--	--	--	--	*	*
<b>Pacific Contiguous.....</b>	<b>14</b>	<b>44</b>	<b>-68.3</b>	<b>7</b>	<b>7</b>	<b>5</b>	<b>2</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>
California.....	10	39	-73.7	7	5	4	2	*	*	NM	NM
Oregon.....	NM	NM	--	--	2	--	--	NM	NM	--	--
Washington.....	NM	NM	--	NM	NM	1	*	--	*	NM	NM
<b>Pacific Noncontiguous..</b>	<b>758</b>	<b>761</b>	<b>-.4</b>	<b>646</b>	<b>581</b>	<b>92</b>	<b>161</b>	<b>1</b>	<b>1</b>	<b>19</b>	<b>18</b>
Alaska.....	44	63	-30.1	39	57	--	*	1	1	NM	NM
Hawaii.....	714	698	2.3	607	524	92	161	--	--	15	13
<b>U.S. Total.....</b>	<b>8,548</b>	<b>6,793</b>	<b>25.8</b>	<b>5,565</b>	<b>5,297</b>	<b>2,696</b>	<b>1,205</b>	<b>29</b>	<b>23</b>	<b>259</b>	<b>269</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.8.B. Net Generation from Petroleum Liquids by State by Sector, Year-to-Date through May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>6,831</b>	<b>6,506</b>	<b>5.0</b>	<b>1,130</b>	<b>1,009</b>	<b>5,053</b>	<b>4,970</b>	<b>175</b>	<b>92</b>	<b>473</b>	<b>435</b>
Connecticut.....	864	1,163	-25.7	NM	NM	842	1,140	NM	NM	NM	NM
Maine.....	939	1,162	-19.2	--	--	583	859	NM	NM	353	302
Massachusetts.....	4,082	3,223	26.7	230	116	3,625	2,956	136	51	NM	NM
New Hampshire.....	912	910	.2	891	870	NM	NM	NM	NM	NM	NM
Rhode Island.....	NM	NM	--	NM	NM	NM	NM	NM	NM	NM	NM
Vermont.....	NM	NM	--	NM	NM	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>13,020</b>	<b>10,913</b>	<b>19.3</b>	<b>4,056</b>	<b>4,202</b>	<b>8,766</b>	<b>6,423</b>	<b>44</b>	<b>46</b>	<b>154</b>	<b>242</b>
New Jersey.....	769	1,041	-26.1	55	90	665	838	NM	NM	47	111
New York.....	10,137	7,645	32.6	3,988	4,100	6,040	3,420	40	41	70	84
Pennsylvania.....	2,114	2,227	-5.1	13	12	2,061	2,165	NM	NM	NM	NM
<b>East North Central.....</b>	<b>1,204</b>	<b>1,471</b>	<b>-18.1</b>	<b>607</b>	<b>631</b>	<b>533</b>	<b>746</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>
Illinois.....	534	756	-29.3	12	19	521	734	NM	NM	NM	NM
Indiana.....	73	135	-45.9	67	90	NM	NM	*	2	5	40
Michigan.....	370	322	14.9	354	314	NM	NM	NM	NM	NM	NM
Ohio.....	160	193	-17.2	140	182	NM	NM	NM	NM	10	3
Wisconsin.....	NM	NM	--	33	26	NM	NM	*	6	NM	NM
<b>West North Central.....</b>	<b>568</b>	<b>549</b>	<b>3.4</b>	<b>552</b>	<b>520</b>	<b>5</b>	<b>12</b>	<b>7</b>	<b>7</b>	<b>NM</b>	<b>NM</b>
Iowa.....	32	31	2.2	31	28	NM	NM	NM	NM	NM	NM
Kansas.....	433	331	30.9	433	330	--	--	--	--	NM	NM
Minnesota.....	29	64	-54.9	17	48	4	10	6	3	NM	NM
Missouri.....	39	66	-40.5	39	64	--	--	NM	NM	NM	NM
Nebraska.....	NM	NM	--	NM	NM	--	--	*	2	--	--
North Dakota.....	16	22	-27.7	15	16	--	--	--	--	1	6
South Dakota.....	10	6	76.8	10	6	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>16,555</b>	<b>17,933</b>	<b>-7.7</b>	<b>12,758</b>	<b>13,424</b>	<b>3,222</b>	<b>3,960</b>	<b>NM</b>	<b>NM</b>	<b>573</b>	<b>463</b>
Delaware.....	602	862	-30.2	NM	NM	420	758	--	--	NM	NM
District of Columbia.....	20	38	-46.5	--	--	20	38	--	--	--	--
Florida.....	9,999	11,441	-12.6	9,537	10,723	347	658	--	--	115	59
Georgia.....	155	349	-55.6	74	141	NM	NM	NM	NM	78	131
Maryland.....	2,112	1,798	17.5	NM	NM	2,094	1,776	NM	NM	NM	NM
North Carolina.....	298	462	-35.5	137	274	14	83	NM	NM	146	104
South Carolina.....	235	199	18.0	136	130	11	11	NM	NM	87	56
Virginia.....	2,993	2,655	12.7	2,663	2,000	296	536	NM	NM	34	35
West Virginia.....	141	128	9.9	122	101	18	24	--	--	NM	NM
<b>East South Central.....</b>	<b>1,356</b>	<b>691</b>	<b>96.2</b>	<b>1,265</b>	<b>585</b>	<b>13</b>	<b>28</b>	<b>NM</b>	<b>NM</b>	<b>78</b>	<b>78</b>
Alabama.....	90	170	-47.1	34	108	1	5	--	--	54	57
Kentucky.....	49	93	-47.6	37	72	12	21	--	--	--	--
Mississippi.....	1,138	235	384.6	1,127	226	--	--	NM	NM	11	8
Tennessee.....	78	192	-59.3	66	179	--	2	--	--	12	12
<b>West South Central.....</b>	<b>892</b>	<b>1,830</b>	<b>-51.3</b>	<b>699</b>	<b>1,238</b>	<b>92</b>	<b>513</b>	<b>NM</b>	<b>NM</b>	<b>99</b>	<b>77</b>
Arkansas.....	NM	NM	--	NM	NM	--	--	--	--	27	10
Louisiana.....	626	602	4.0	593	565	6	11	--	--	28	26
Oklahoma.....	30	127	-76.7	9	106	--	--	*	1	20	20
Texas.....	148	989	-85.1	36	465	86	502	NM	NM	24	20
<b>Mountain.....</b>	<b>171</b>	<b>127</b>	<b>34.1</b>	<b>162</b>	<b>107</b>	<b>5</b>	<b>9</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>
Arizona.....	14	19	-27.6	14	18	--	--	NM	NM	NM	NM
Colorado.....	10	21	-55.6	8	11	NM	NM	--	--	NM	NM
Idaho.....	NM	NM	--	NM	NM	--	--	--	--	--	--
Montana.....	3	6	-51.4	NM	NM	3	5	--	--	--	--
Nevada.....	88	10	765.0	88	10	--	--	--	--	--	--
New Mexico.....	15	24	-37.6	13	23	NM	NM	--	--	NM	NM
Utah.....	20	27	-27.0	20	27	NM	NM	--	--	--	--
Wyoming.....	22	19	16.4	20	17	--	--	--	--	NM	NM
<b>Pacific Contiguous.....</b>	<b>142</b>	<b>148</b>	<b>-4.2</b>	<b>42</b>	<b>53</b>	<b>51</b>	<b>13</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>
California.....	84	75	13.1	27	18	47	12	*	*	10	45
Oregon.....	17	34	-50.4	11	32	--	--	NM	NM	NM	NM
Washington.....	NM	NM	--	4	3	4	1	--	*	NM	NM
<b>Pacific Noncontiguous..</b>	<b>3,686</b>	<b>3,658</b>	<b>.8</b>	<b>2,941</b>	<b>2,895</b>	<b>632</b>	<b>592</b>	<b>7</b>	<b>11</b>	<b>107</b>	<b>159</b>
Alaska.....	313	369	-15.1	276	299	1	2	7	11	30	57
Hawaii.....	3,373	3,288	2.6	2,665	2,596	631	590	--	--	77	103
<b>U.S. Total.....</b>	<b>44,423</b>	<b>43,826</b>	<b>1.4</b>	<b>24,214</b>	<b>24,663</b>	<b>18,373</b>	<b>17,266</b>	<b>237</b>	<b>260</b>	<b>1,599</b>	<b>1,636</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.9.A. Net Generation from Petroleum Coke by State by Sector, May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	May 2004	May 2003	Percent Change	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	--	--	--	--	--	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--	--	--	--	--	--
Maine.....	--	--	--	--	--	--	--	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>38</b>	<b>35</b>	<b>10.4</b>	--	--	<b>18</b>	<b>22</b>	--	--	<b>20</b>	<b>13</b>
New Jersey.....	--	--	--	--	--	--	--	--	--	--	--
New York.....	9	4	146.1	--	--	9	4	--	--	--	--
Pennsylvania.....	29	31	-6.3	--	--	9	18	--	--	20	13
<b>East North Central.....</b>	<b>67</b>	<b>58</b>	<b>15.3</b>	<b>48</b>	<b>38</b>	--	--	--	--	<b>18</b>	<b>20</b>
Illinois.....	NM	NM	--	--	--	--	--	--	--	NM	NM
Indiana.....	39	26	48.2	39	26	--	--	--	--	--	--
Michigan.....	--	3	--	--	3	--	--	--	--	--	--
Ohio.....	--	--	--	--	--	--	--	--	--	--	--
Wisconsin.....	26	27	-1.7	9	9	--	--	--	--	17	18
<b>West North Central.....</b>	<b>30</b>	<b>71</b>	<b>-58.1</b>	<b>30</b>	<b>71</b>	--	--	--	*	--	--
Iowa.....	--	*	--	--	--	--	--	--	*	--	--
Kansas.....	--	--	--	--	--	--	--	--	--	--	--
Minnesota.....	30	71	-57.9	30	71	--	--	--	--	--	--
Missouri.....	--	--	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>653</b>	<b>463</b>	<b>41.0</b>	<b>609</b>	<b>396</b>	--	--	--	--	<b>43</b>	<b>67</b>
Delaware.....	NM	NM	--	--	--	--	--	--	--	NM	NM
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	609	396	53.9	609	396	--	--	--	--	--	--
Georgia.....	41	36	14.1	--	--	--	--	--	--	41	36
Maryland.....	--	--	--	--	--	--	--	--	--	--	--
North Carolina.....	--	--	--	--	--	--	--	--	--	--	--
South Carolina.....	--	--	--	--	--	--	--	--	--	--	--
Virginia.....	--	--	--	--	--	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
<b>East South Central.....</b>	<b>306</b>	<b>222</b>	<b>37.8</b>	--	<b>3</b>	<b>306</b>	<b>219</b>	--	--	--	--
Alabama.....	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	306	222	37.8	--	3	306	219	--	--	--	--
Mississippi.....	--	--	--	--	--	--	--	--	--	--	--
Tennessee.....	--	--	--	--	--	--	--	--	--	--	--
<b>West South Central.....</b>	<b>270</b>	<b>140</b>	<b>93.1</b>	--	--	<b>265</b>	<b>131</b>	--	--	<b>5</b>	<b>9</b>
Arkansas.....	--	--	--	--	--	--	--	--	--	--	--
Louisiana.....	172	131	31.6	--	--	172	131	--	--	--	--
Oklahoma.....	--	--	--	--	--	--	--	--	--	--	--
Texas.....	98	9	976.7	--	--	93	--	--	--	5	9
<b>Mountain.....</b>	<b>39</b>	<b>40</b>	<b>-2.1</b>	--	--	<b>39</b>	<b>40</b>	--	--	--	--
Arizona.....	--	--	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	39	40	-2.1	--	--	39	40	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>152</b>	<b>150</b>	<b>1.7</b>	--	--	<b>135</b>	<b>120</b>	--	--	<b>17</b>	<b>29</b>
California.....	152	150	1.7	--	--	135	120	--	--	17	29
Oregon.....	--	--	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Noncontiguous..</b>	--	--	--	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>1,554</b>	<b>1,178</b>	<b>32.0</b>	<b>687</b>	<b>508</b>	<b>764</b>	<b>531</b>	--	*	<b>103</b>	<b>138</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.9.B. Net Generation from Petroleum Coke by State by Sector, Year-to-Date through May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	--	--	--	--	--	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--	--	--	--	--	--
Maine.....	--	--	--	--	--	--	--	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>298</b>	<b>233</b>	<b>27.5</b>	--	--	<b>214</b>	<b>168</b>	--	--	<b>84</b>	<b>65</b>
New Jersey.....	--	--	--	--	--	--	--	--	--	--	--
New York.....	43	22	90.6	--	--	43	22	--	--	--	--
Pennsylvania.....	255	211	20.8	--	--	171	146	--	--	84	65
<b>East North Central.....</b>	<b>299</b>	<b>241</b>	<b>24.0</b>	<b>206</b>	<b>139</b>	--	--	--	--	<b>93</b>	<b>102</b>
Illinois.....	NM	NM	--	--	--	--	--	--	--	NM	NM
Indiana.....	164	75	118.0	164	75	--	--	--	--	--	--
Michigan.....	*	16	-97.7	*	16	--	--	--	--	--	--
Ohio.....	--	--	--	--	--	--	--	--	--	--	--
Wisconsin.....	126	141	-10.6	41	48	--	--	--	--	85	94
<b>West North Central.....</b>	<b>223</b>	<b>278</b>	<b>-19.7</b>	<b>220</b>	<b>276</b>	--	--	<b>3</b>	<b>2</b>	--	--
Iowa.....	3	2	53.3	--	--	--	--	3	2	--	--
Kansas.....	--	--	--	--	--	--	--	--	--	--	--
Minnesota.....	220	276	-20.3	220	276	--	--	--	--	--	--
Missouri.....	--	--	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>2,932</b>	<b>2,197</b>	<b>33.5</b>	<b>2,694</b>	<b>1,962</b>	--	--	--	--	<b>238</b>	<b>234</b>
Delaware.....	14	33	-57.5	--	--	--	--	--	--	14	33
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	2,694	1,962	37.3	2,694	1,962	--	--	--	--	--	--
Georgia.....	224	201	11.5	--	--	--	--	--	--	224	201
Maryland.....	--	--	--	--	--	--	--	--	--	--	--
North Carolina.....	--	--	--	--	--	--	--	--	--	--	--
South Carolina.....	--	--	--	--	--	--	--	--	--	--	--
Virginia.....	--	--	--	--	--	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
<b>East South Central.....</b>	<b>1,787</b>	<b>561</b>	<b>218.7</b>	--	<b>13</b>	<b>1,787</b>	<b>547</b>	--	--	--	--
Alabama.....	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	1,787	561	218.7	--	13	1,787	547	--	--	--	--
Mississippi.....	--	--	--	--	--	--	--	--	--	--	--
Tennessee.....	--	--	--	--	--	--	--	--	--	--	--
<b>West South Central.....</b>	<b>1,229</b>	<b>991</b>	<b>24.0</b>	--	<b>64</b>	<b>1,203</b>	<b>822</b>	--	--	<b>26</b>	<b>105</b>
Arkansas.....	--	--	--	--	--	--	--	--	--	--	--
Louisiana.....	763	678	12.6	--	--	763	678	--	--	--	--
Oklahoma.....	--	--	--	--	--	--	--	--	--	--	--
Texas.....	466	313	48.7	--	64	440	144	--	--	26	105
<b>Mountain.....</b>	<b>189</b>	<b>193</b>	<b>-1.8</b>	--	--	<b>189</b>	<b>193</b>	--	--	--	--
Arizona.....	--	--	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	189	193	-1.8	--	--	189	193	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>695</b>	<b>819</b>	<b>-15.2</b>	--	--	<b>621</b>	<b>649</b>	--	--	<b>74</b>	<b>170</b>
California.....	695	819	-15.2	--	--	621	649	--	--	74	170
Oregon.....	--	--	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Noncontiguous..</b>	--	--	--	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>7,653</b>	<b>5,514</b>	<b>38.8</b>	<b>3,120</b>	<b>2,455</b>	<b>4,014</b>	<b>2,380</b>	<b>3</b>	<b>2</b>	<b>516</b>	<b>676</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.10.A. Net Generation from Natural Gas by State by Sector, May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	May 2004	May 2003	Percent Change	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	<b>3,950</b>	<b>2,967</b>	<b>33.1</b>	<b>27</b>	<b>1</b>	<b>3,728</b>	<b>2,770</b>	<b>35</b>	<b>23</b>	<b>160</b>	<b>173</b>
Connecticut.....	819	437	87.4	--	--	801	424	NM	NM	NM	NM
Maine.....	884	649	36.2	--	--	761	505	NM	NM	122	143
Massachusetts.....	1,736	1,629	6.5	27	1	1,661	1,594	32	21	NM	NM
New Hampshire.....	NM	NM	--	NM	NM	--	--	--	--	NM	NM
Rhode Island.....	505	247	104.2	--	--	505	247	NM	NM	--	--
Vermont.....	*	*	-44.0	*	*	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>5,226</b>	<b>3,205</b>	<b>63.1</b>	<b>674</b>	<b>724</b>	<b>4,295</b>	<b>2,261</b>	<b>46</b>	<b>26</b>	<b>211</b>	<b>193</b>
New Jersey.....	1,765	1,037	70.2	NM	NM	1,669	962	NM	NM	80	65
New York.....	2,184	1,851	18.0	670	723	1,418	1,046	NM	NM	76	75
Pennsylvania.....	1,276	317	302.6	NM	NM	1,208	254	NM	NM	NM	NM
<b>East North Central.....</b>	<b>2,444</b>	<b>1,396</b>	<b>75.1</b>	<b>373</b>	<b>303</b>	<b>1,932</b>	<b>1,009</b>	<b>46</b>	<b>17</b>	<b>94</b>	<b>68</b>
Illinois.....	402	145	178.0	NM	NM	315	99	36	11	NM	NM
Indiana.....	310	343	-9.7	171	188	122	145	NM	NM	NM	NM
Michigan.....	1,297	755	71.6	86	46	1,191	694	NM	NM	NM	NM
Ohio.....	290	49	497.9	40	15	244	31	NM	NM	NM	NM
Wisconsin.....	146	104	39.9	62	38	59	41	8	4	NM	NM
<b>West North Central.....</b>	<b>724</b>	<b>316</b>	<b>128.9</b>	<b>473</b>	<b>208</b>	<b>214</b>	<b>85</b>	<b>9</b>	<b>8</b>	<b>NM</b>	<b>NM</b>
Iowa.....	NM	NM	--	NM	NM	--	--	NM	NM	NM	NM
Kansas.....	82	77	5.8	79	75	--	--	NM	NM	NM	NM
Minnesota.....	143	62	131.0	84	16	37	34	7	6	15	6
Missouri.....	405	140	189.6	227	88	177	51	*	*	NM	NM
Nebraska.....	52	16	218.7	51	16	NM	NM	1	*	NM	NM
North Dakota.....	1	*	319.7	NM	NM	--	--	--	--	1	*
South Dakota.....	NM	NM	--	NM	NM	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>9,809</b>	<b>7,603</b>	<b>29.0</b>	<b>6,914</b>	<b>5,922</b>	<b>2,698</b>	<b>1,570</b>	<b>NM</b>	<b>NM</b>	<b>191</b>	<b>105</b>
Delaware.....	216	37	481.4	NM	NM	215	36	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	6,322	6,374	-8	5,647	5,583	539	737	NM	NM	131	49
Georgia.....	1,159	308	276.6	385	63	748	215	--	--	NM	NM
Maryland.....	143	172	-16.7	NM	NM	139	169	--	--	NM	NM
North Carolina.....	846	402	110.6	356	61	488	339	*	*	NM	NM
South Carolina.....	404	183	120.7	260	171	143	12	NM	NM	1	1
Virginia.....	687	114	502.6	264	42	401	53	--	1	21	18
West Virginia.....	32	14	124.3	*	*	24	9	--	--	NM	NM
<b>East South Central.....</b>	<b>2,517</b>	<b>1,518</b>	<b>65.8</b>	<b>1,109</b>	<b>1,094</b>	<b>1,237</b>	<b>246</b>	<b>10</b>	<b>3</b>	<b>161</b>	<b>175</b>
Alabama.....	1,333	645	106.6	609	454	637	93	--	--	87	98
Kentucky.....	67	35	92.0	50	20	3	4	--	--	NM	NM
Mississippi.....	1,082	822	31.6	440	617	595	150	2	1	NM	NM
Tennessee.....	35	15	127.6	11	2	2	--	7	2	NM	NM
<b>West South Central.....</b>	<b>21,913</b>	<b>22,246</b>	<b>-1.5</b>	<b>5,227</b>	<b>6,292</b>	<b>11,678</b>	<b>12,227</b>	<b>41</b>	<b>178</b>	<b>4,967</b>	<b>3,549</b>
Arkansas.....	172	364	-52.9	41	36	110	310	NM	NM	20	18
Louisiana.....	4,073	3,053	33.4	965	1,263	871	532	--	137	2,238	1,121
Oklahoma.....	2,303	1,474	56.3	1,409	1,168	854	263	NM	NM	39	41
Texas.....	15,365	17,355	-11.5	2,811	3,825	9,843	11,122	40	39	2,670	2,368
<b>Mountain.....</b>	<b>4,521</b>	<b>3,001</b>	<b>50.7</b>	<b>1,599</b>	<b>1,500</b>	<b>2,871</b>	<b>1,423</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>
Arizona.....	2,216	1,023	116.6	442	303	1,774	719	NM	NM	NM	NM
Colorado.....	838	712	17.7	386	434	444	261	3	12	NM	NM
Idaho.....	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Montana.....	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Nevada.....	963	783	23.0	369	399	594	383	--	--	--	--
New Mexico.....	338	318	6.3	282	258	NM	NM	NM	NM	NM	NM
Utah.....	113	115	-1.9	98	98	--	3	NM	NM	NM	NM
Wyoming.....	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
<b>Pacific Contiguous.....</b>	<b>8,142</b>	<b>5,281</b>	<b>54.2</b>	<b>1,041</b>	<b>548</b>	<b>5,896</b>	<b>3,534</b>	<b>134</b>	<b>134</b>	<b>1,070</b>	<b>1,064</b>
California.....	6,975	4,902	42.3	809	512	5,002	3,232	132	131	1,032	1,028
Oregon.....	692	270	156.9	157	8	501	231	NM	NM	34	30
Washington.....	474	109	336.7	NM	NM	393	71	NM	NM	4	5
<b>Pacific Noncontiguous..</b>	<b>366</b>	<b>322</b>	<b>13.9</b>	<b>290</b>	<b>250</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>77</b>	<b>72</b>
Alaska.....	366	322	13.9	290	250	--	--	--	--	77	72
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>59,612</b>	<b>47,854</b>	<b>24.6</b>	<b>17,727</b>	<b>16,841</b>	<b>34,548</b>	<b>25,127</b>	<b>337</b>	<b>415</b>	<b>7,000</b>	<b>5,472</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Natural gas includes a small amount of supplemental gaseous fuels.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.10.B. Net Generation from Natural Gas by State by Sector, Year-to-Date through May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>17,882</b>	<b>14,604</b>	<b>22.4</b>	<b>45</b>	<b>8</b>	<b>16,924</b>	<b>13,543</b>	<b>144</b>	<b>114</b>	<b>769</b>	<b>939</b>
Connecticut.....	2,846	2,135	33.3	--	--	2,767	2,057	NM	NM	NM	NM
Maine.....	4,361	3,689	18.2	--	--	3,752	2,892	NM	NM	609	798
Massachusetts.....	8,760	6,998	25.2	45	8	8,517	6,838	132	102	NM	NM
New Hampshire.....	NM	NM	--	NM	NM	--	--	--	--	NM	NM
Rhode Island.....	1,889	1,757	7.5	--	--	1,888	1,756	NM	NM	--	--
Vermont.....	1	1	-5.6	1	1	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>18,606</b>	<b>16,428</b>	<b>13.3</b>	<b>1,938</b>	<b>2,724</b>	<b>15,474</b>	<b>12,428</b>	<b>237</b>	<b>167</b>	<b>957</b>	<b>1,109</b>
New Jersey.....	5,989	4,992	20.0	NM	NM	5,530	4,461	NM	NM	393	471
New York.....	8,929	9,942	-10.2	1,925	2,716	6,580	6,859	102	53	323	314
Pennsylvania.....	3,687	1,494	146.8	NM	NM	3,365	1,107	82	61	240	325
<b>East North Central.....</b>	<b>9,922</b>	<b>8,296</b>	<b>19.6</b>	<b>1,381</b>	<b>1,705</b>	<b>7,894</b>	<b>5,855</b>	<b>229</b>	<b>102</b>	<b>418</b>	<b>633</b>
Illinois.....	1,354	1,346	.6	69	115	948	933	179	63	158	235
Indiana.....	1,378	1,111	24.0	588	597	704	351	4	4	82	160
Michigan.....	5,920	4,617	28.2	260	464	5,571	4,067	NM	NM	84	76
Ohio.....	517	295	75.4	130	86	368	193	NM	NM	NM	NM
Wisconsin.....	752	926	-18.7	335	444	302	310	40	21	75	150
<b>West North Central.....</b>	<b>2,470</b>	<b>1,959</b>	<b>26.1</b>	<b>1,757</b>	<b>1,269</b>	<b>558</b>	<b>482</b>	<b>46</b>	<b>46</b>	<b>109</b>	<b>162</b>
Iowa.....	143	128	11.7	112	84	--	--	NM	NM	NM	NM
Kansas.....	301	425	-29.2	289	343	--	--	NM	NM	NM	NM
Minnesota.....	795	498	59.7	492	179	203	247	33	35	67	37
Missouri.....	1,097	822	33.4	739	583	355	234	1	2	NM	NM
Nebraska.....	115	75	53.4	111	72	NM	NM	3	2	NM	NM
North Dakota.....	3	1	273.7	NM	NM	--	--	--	--	3	1
South Dakota.....	15	9	72.6	15	9	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>36,199</b>	<b>30,686</b>	<b>18.0</b>	<b>27,382</b>	<b>23,314</b>	<b>7,926</b>	<b>6,592</b>	<b>27</b>	<b>70</b>	<b>864</b>	<b>710</b>
Delaware.....	626	277	126.2	NM	NM	623	270	--	--	--	*
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	26,191	24,729	5.9	23,846	21,594	1,759	2,725	26	23	559	386
Georgia.....	3,276	1,588	106.3	733	152	2,379	1,291	--	--	164	146
Maryland.....	358	464	-22.8	NM	NM	343	449	--	--	NM	NM
North Carolina.....	2,180	1,405	55.1	704	301	1,471	1,094	*	2	NM	NM
South Carolina.....	1,092	830	31.6	818	739	270	87	NM	NM	NM	NM
Virginia.....	2,355	1,323	78.0	1,274	519	1,006	637	--	44	75	123
West Virginia.....	122	71	72.3	1	2	77	40	--	--	43	29
<b>East South Central.....</b>	<b>10,628</b>	<b>9,103</b>	<b>16.7</b>	<b>5,592</b>	<b>6,849</b>	<b>4,175</b>	<b>1,377</b>	<b>39</b>	<b>27</b>	<b>822</b>	<b>851</b>
Alabama.....	6,355	4,169	52.5	3,271	3,071	2,602	617	--	--	483	481
Kentucky.....	266	185	43.8	192	94	NM	NM	--	9	NM	NM
Mississippi.....	3,870	4,517	-14.3	2,099	3,541	1,554	724	9	7	208	245
Tennessee.....	138	233	-41.0	31	143	NM	NM	29	11	68	63
<b>West South Central.....</b>	<b>93,378</b>	<b>96,137</b>	<b>-2.9</b>	<b>20,255</b>	<b>22,681</b>	<b>50,723</b>	<b>52,298</b>	<b>182</b>	<b>555</b>	<b>22,219</b>	<b>20,603</b>
Arkansas.....	1,016	1,659	-38.8	123	161	818	1,387	NM	NM	74	109
Louisiana.....	17,611	15,000	17.4	4,114	5,173	3,771	2,476	1	376	9,725	6,976
Oklahoma.....	8,935	6,266	42.6	5,005	4,787	3,723	1,256	NM	NM	203	215
Texas.....	65,817	73,211	-10.1	11,013	12,560	42,411	47,179	175	170	12,217	13,303
<b>Mountain.....</b>	<b>18,475</b>	<b>14,787</b>	<b>24.9</b>	<b>6,722</b>	<b>6,646</b>	<b>11,489</b>	<b>7,755</b>	<b>65</b>	<b>94</b>	<b>198</b>	<b>291</b>
Arizona.....	8,240	5,306	55.3	2,009	1,247	6,226	4,052	NM	NM	NM	NM
Colorado.....	3,856	3,237	19.1	1,643	2,002	2,159	1,151	35	62	NM	NM
Idaho.....	85	85	.2	NM	NM	NM	NM	--	--	14	27
Montana.....	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Nevada.....	4,477	4,032	11.0	1,633	1,786	2,844	2,246	--	--	--	--
New Mexico.....	1,329	1,276	4.2	1,080	1,000	165	194	NM	NM	NM	NM
Utah.....	349	609	-42.7	285	534	--	4	NM	NM	NM	NM
Wyoming.....	133	235	-43.7	53	68	NM	NM	--	--	NM	NM
<b>Pacific Contiguous.....</b>	<b>40,821</b>	<b>35,350</b>	<b>15.5</b>	<b>5,093</b>	<b>4,355</b>	<b>30,530</b>	<b>24,926</b>	<b>564</b>	<b>605</b>	<b>4,635</b>	<b>5,462</b>
California.....	33,125	30,001	10.4	3,450	3,342	24,662	20,821	554	585	4,459	5,252
Oregon.....	4,643	3,203	45.0	702	434	3,788	2,596	NM	NM	152	171
Washington.....	3,053	2,145	42.3	940	579	2,080	1,509	NM	NM	24	39
<b>Pacific Noncontiguous..</b>	<b>1,807</b>	<b>1,722</b>	<b>5.0</b>	<b>1,469</b>	<b>1,381</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>339</b>	<b>341</b>
Alaska.....	1,807	1,722	5.0	1,469	1,381	--	--	--	--	339	341
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>250,187</b>	<b>229,071</b>	<b>9.2</b>	<b>71,633</b>	<b>70,934</b>	<b>145,693</b>	<b>125,256</b>	<b>1,533</b>	<b>1,781</b>	<b>31,329</b>	<b>31,100</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Natural gas includes a small amount of supplemental gaseous fuels.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.11.A. Net Generation from Other Gases by State by Sector, May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	May 2004	May 2003	Percent Change	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	NM	NM	--	--	--	NM	NM	--	--	--	--
Connecticut.....	NM	NM	--	--	--	NM	NM	--	--	--	--
Maine.....	*	*	16.7	--	--	*	*	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>71</b>	<b>55</b>	<b>29.6</b>	--	--	*	1	--	--	71	54
New Jersey.....	9	5	89.1	--	--	--	--	--	--	9	5
New York.....	10	5	89.1	--	--	--	--	--	--	10	5
Pennsylvania.....	52	45	16.4	--	--	*	1	--	--	52	44
<b>East North Central.....</b>	<b>329</b>	<b>151</b>	<b>118.5</b>	--	--	<b>15</b>	<b>6</b>	--	--	<b>314</b>	<b>145</b>
Illinois.....	25	17	47.4	--	--	--	--	--	--	25	17
Indiana.....	281	124	126.8	--	--	NM	NM	--	--	281	124
Michigan.....	--	*	--	--	--	--	*	--	--	--	--
Ohio.....	24	10	140.2	--	--	14	6	--	--	9	4
Wisconsin.....	--	--	--	--	--	--	--	--	--	--	--
<b>West North Central.....</b>	<b>5</b>	<b>3</b>	<b>60.2</b>	*	*	--	--	--	--	<b>5</b>	<b>3</b>
Iowa.....	--	--	--	--	--	--	--	--	--	--	--
Kansas.....	--	--	--	--	--	--	--	--	--	--	--
Minnesota.....	--	--	--	--	--	--	--	--	--	--	--
Missouri.....	*	*	-79.2	*	*	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	5	3	63.5	--	--	--	--	--	--	5	3
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>72</b>	<b>30</b>	<b>138.1</b>	--	--	<b>44</b>	<b>*</b>	--	--	<b>28</b>	<b>30</b>
Delaware.....	14	22	-33.5	--	--	--	--	--	--	14	22
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	5	1	443.4	--	--	4	*	--	--	1	1
Georgia.....	--	--	--	--	--	--	--	--	--	--	--
Maryland.....	40	--	--	--	--	40	--	--	--	--	--
North Carolina.....	NM	NM	--	--	--	NM	NM	--	--	--	--
South Carolina.....	--	--	--	--	--	--	--	--	--	--	--
Virginia.....	--	--	--	--	--	--	--	--	--	--	--
West Virginia.....	13	8	66.6	--	--	--	--	--	--	13	8
<b>East South Central.....</b>	<b>NM</b>	<b>NM</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>NM</b>	<b>NM</b>
Alabama.....	NM	NM	--	--	--	--	--	--	--	NM	NM
Kentucky.....	--	--	--	--	--	--	--	--	--	--	--
Mississippi.....	--	--	--	--	--	--	--	--	--	--	--
Tennessee.....	--	1	--	--	--	--	--	--	--	--	1
<b>West South Central.....</b>	<b>605</b>	<b>354</b>	<b>71.1</b>	--	--	<b>77</b>	<b>71</b>	--	--	<b>528</b>	<b>283</b>
Arkansas.....	--	--	--	--	--	--	--	--	--	--	--
Louisiana.....	248	188	32.1	--	--	--	--	--	--	248	188
Oklahoma.....	NM	NM	--	--	--	--	--	--	--	NM	NM
Texas.....	349	159	120.2	--	--	77	71	--	--	272	88
<b>Mountain.....</b>	<b>17</b>	<b>2</b>	<b>876.7</b>	<b>*</b>	<b>*</b>	<b>17</b>	<b>1</b>	--	--	--	<b>*</b>
Arizona.....	--	--	--	--	--	--	--	--	--	--	--
Colorado.....	*	*	456.6	*	*	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	*	1	-99.0	--	--	*	1	--	--	--	--
Nevada.....	17	--	--	--	--	17	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	*	--	--	--	--	--	--	--	--	*
<b>Pacific Contiguous.....</b>	<b>158</b>	<b>151</b>	<b>4.8</b>	--	--	<b>25</b>	<b>26</b>	--	*	<b>133</b>	<b>125</b>
California.....	133	125	6.8	--	--	--	*	--	*	133	125
Oregon.....	--	--	--	--	--	--	--	--	--	--	--
Washington.....	25	26	-4.5	--	--	25	26	--	--	--	--
<b>Pacific Noncontiguous..</b>	<b>5</b>	--	--	--	--	--	--	--	--	<b>5</b>	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	5	--	--	--	--	--	--	--	--	5	--
<b>U.S. Total.....</b>	<b>1,275</b>	<b>757</b>	<b>68.4</b>	<b>*</b>	<b>*</b>	<b>179</b>	<b>105</b>	--	*	<b>1,096</b>	<b>652</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Other gases include blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.11.B. Net Generation from Other Gases by State by Sector, Year-to-Date through May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	NM	NM	--	--	--	NM	NM	--	--	--	--
Connecticut.....	NM	NM	--	--	--	NM	NM	--	--	--	--
Maine.....	*	*	-23.1	--	--	*	*	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>342</b>	<b>291</b>	<b>17.3</b>	--	--	<b>1</b>	<b>1</b>	--	--	<b>341</b>	<b>290</b>
New Jersey.....	40	27	45.0	--	--	--	--	--	--	40	27
New York.....	47	33	45.0	--	--	--	--	--	--	47	33
Pennsylvania.....	255	231	10.1	--	--	1	1	--	--	254	230
<b>East North Central.....</b>	<b>1,637</b>	<b>958</b>	<b>71.0</b>	--	--	<b>63</b>	<b>37</b>	--	--	<b>1,575</b>	<b>921</b>
Illinois.....	120	101	19.1	--	--	--	--	--	--	120	101
Indiana.....	1,404	796	76.3	--	--	NM	NM	--	--	1,402	795
Michigan.....	--	1	--	--	--	--	1	--	--	--	--
Ohio.....	113	59	91.8	--	--	61	34	--	--	52	25
Wisconsin.....	--	--	--	--	--	--	--	--	--	--	--
<b>West North Central.....</b>	<b>26</b>	<b>19</b>	<b>32.1</b>	<b>1</b>	<b>1</b>	--	--	--	--	<b>25</b>	<b>18</b>
Iowa.....	--	--	--	--	--	--	--	--	--	--	--
Kansas.....	--	--	--	--	--	--	--	--	--	--	--
Minnesota.....	--	--	--	--	--	--	--	--	--	--	--
Missouri.....	1	1	-14.4	1	1	--	--	--	--	--	--
Nebraska.....	*	*	-16.4	*	*	--	--	--	--	--	--
North Dakota.....	25	18	34.5	--	--	--	--	--	--	25	18
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>313</b>	<b>241</b>	<b>29.7</b>	--	--	<b>185</b>	<b>93</b>	--	--	<b>128</b>	<b>149</b>
Delaware.....	67	99	-32.0	--	--	--	--	--	--	67	99
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	17	8	114.8	--	--	13	*	--	--	4	7
Georgia.....	--	--	--	--	--	--	--	--	--	--	--
Maryland.....	171	92	85.8	--	--	171	92	--	--	--	--
North Carolina.....	NM	NM	--	--	--	NM	NM	--	--	--	--
South Carolina.....	NM	NM	--	--	--	--	--	--	--	NM	NM
Virginia.....	--	--	--	--	--	--	--	--	--	--	--
West Virginia.....	57	42	35.8	--	--	--	--	--	--	57	42
<b>East South Central.....</b>	<b>48</b>	<b>59</b>	<b>-19.0</b>	--	--	--	--	--	--	<b>48</b>	<b>59</b>
Alabama.....	48	57	-16.7	--	--	--	--	--	--	48	57
Kentucky.....	--	--	--	--	--	--	--	--	--	--	--
Mississippi.....	*	--	--	--	--	--	--	--	--	*	--
Tennessee.....	--	2	--	--	--	--	--	--	--	--	2
<b>West South Central.....</b>	<b>2,928</b>	<b>1,640</b>	<b>78.5</b>	--	--	<b>444</b>	<b>218</b>	--	--	<b>2,483</b>	<b>1,421</b>
Arkansas.....	--	--	--	--	--	--	--	--	--	--	--
Louisiana.....	1,168	588	98.7	--	--	--	--	--	--	1,168	588
Oklahoma.....	NM	NM	--	--	--	--	--	--	--	NM	NM
Texas.....	1,723	1,018	69.2	--	--	444	218	--	--	1,278	800
<b>Mountain.....</b>	<b>82</b>	<b>15</b>	<b>432.9</b>	<b>1</b>	<b>2</b>	<b>82</b>	<b>11</b>	--	--	--	<b>2</b>
Arizona.....	--	--	--	--	--	--	--	--	--	--	--
Colorado.....	1	2	-69.0	1	2	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	2	9	-74.9	--	--	2	9	--	--	--	--
Nevada.....	79	2	NM	--	--	79	2	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	2	--	--	--	--	--	--	--	--	2
<b>Pacific Contiguous.....</b>	<b>903</b>	<b>805</b>	<b>12.2</b>	--	--	<b>85</b>	<b>172</b>	--	*	<b>818</b>	<b>633</b>
California.....	819	634	29.2	--	--	NM	NM	--	*	818	633
Oregon.....	--	--	--	--	--	--	--	--	--	--	--
Washington.....	84	171	-50.8	--	--	84	171	--	--	--	--
<b>Pacific Noncontiguous..</b>	<b>22</b>	--	--	--	--	--	--	--	--	<b>22</b>	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	22	--	--	--	--	--	--	--	--	22	--
<b>U.S. Total.....</b>	<b>6,304</b>	<b>4,029</b>	<b>56.5</b>	<b>2</b>	<b>3</b>	<b>863</b>	<b>532</b>	--	*	<b>5,440</b>	<b>3,494</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Other gases include blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.12.A. Net Generation from Nuclear Energy by State by Sector, May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	May 2004	May 2003	Percent Change	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	<b>2,892</b>	<b>2,941</b>	<b>-1.7</b>	--	--	<b>2,892</b>	<b>2,941</b>	--	--	--	--
Connecticut.....	1,198	1,510	-20.6	--	--	1,198	1,510	--	--	--	--
Maine.....	--	--	--	--	--	--	--	--	--	--	--
Massachusetts.....	510	182	181.1	--	--	510	182	--	--	--	--
New Hampshire.....	863	862	.1	--	--	863	862	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	320	387	-17.4	--	--	320	387	--	--	--	--
<b>Middle Atlantic.....</b>	<b>12,226</b>	<b>12,780</b>	<b>-4.3</b>	<b>1,594</b>	<b>1,540</b>	<b>10,631</b>	<b>11,239</b>	--	--	--	--
New Jersey.....	1,684	2,388	-29.5	--	--	1,684	2,388	--	--	--	--
New York.....	3,709	3,685	.7	369	370	3,340	3,315	--	--	--	--
Pennsylvania.....	6,832	6,707	1.9	1,225	1,170	5,607	5,537	--	--	--	--
<b>East North Central.....</b>	<b>12,878</b>	<b>10,245</b>	<b>25.7</b>	<b>5,017</b>	<b>2,130</b>	<b>7,862</b>	<b>8,115</b>	--	--	--	--
Illinois.....	7,862	8,115	-3.1	--	--	7,862	8,115	--	--	--	--
Indiana.....	--	--	--	--	--	--	--	--	--	--	--
Michigan.....	2,990	1,165	156.5	2,990	1,165	--	--	--	--	--	--
Ohio.....	1,279	-12	NM	1,279	-12	--	--	--	--	--	--
Wisconsin.....	748	976	-23.4	748	976	--	--	--	--	--	--
<b>West North Central.....</b>	<b>3,398</b>	<b>3,843</b>	<b>-11.6</b>	<b>3,398</b>	<b>3,843</b>	--	--	--	--	--	--
Iowa.....	430	428	.4	430	428	--	--	--	--	--	--
Kansas.....	880	882	-.3	880	882	--	--	--	--	--	--
Minnesota.....	1,200	834	43.8	1,200	834	--	--	--	--	--	--
Missouri.....	-12	863	-101.3	-12	863	--	--	--	--	--	--
Nebraska.....	899	834	7.8	899	834	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>15,312</b>	<b>15,819</b>	<b>-3.2</b>	<b>14,207</b>	<b>14,560</b>	<b>1,105</b>	<b>1,259</b>	--	--	--	--
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	2,799	2,264	23.6	2,799	2,264	--	--	--	--	--	--
Georgia.....	2,531	2,900	-12.7	2,531	2,900	--	--	--	--	--	--
Maryland.....	1,105	1,259	-12.3	--	--	1,105	1,259	--	--	--	--
North Carolina.....	3,400	3,217	5.7	3,400	3,217	--	--	--	--	--	--
South Carolina.....	3,730	4,188	-10.9	3,730	4,188	--	--	--	--	--	--
Virginia.....	1,748	1,992	-12.3	1,748	1,992	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
<b>East South Central.....</b>	<b>6,438</b>	<b>5,453</b>	<b>18.1</b>	<b>6,438</b>	<b>5,453</b>	--	--	--	--	--	--
Alabama.....	2,929	2,820	3.9	2,929	2,820	--	--	--	--	--	--
Kentucky.....	--	--	--	--	--	--	--	--	--	--	--
Mississippi.....	947	940	.8	947	940	--	--	--	--	--	--
Tennessee.....	2,562	1,694	51.2	2,562	1,694	--	--	--	--	--	--
<b>West South Central.....</b>	<b>6,057</b>	<b>4,998</b>	<b>21.2</b>	<b>4,510</b>	<b>3,842</b>	<b>1,547</b>	<b>1,156</b>	--	--	--	--
Arkansas.....	1,095	1,370	-20.1	1,095	1,370	--	--	--	--	--	--
Louisiana.....	1,516	1,545	-1.9	1,516	1,545	--	--	--	--	--	--
Oklahoma.....	--	--	--	--	--	--	--	--	--	--	--
Texas.....	3,446	2,082	65.5	1,899	926	1,547	1,156	--	--	--	--
<b>Mountain.....</b>	<b>2,470</b>	<b>2,734</b>	<b>-9.6</b>	<b>2,470</b>	<b>2,734</b>	--	--	--	--	--	--
Arizona.....	2,470	2,734	-9.6	2,470	2,734	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>3,246</b>	<b>3,381</b>	<b>-4.0</b>	<b>3,246</b>	<b>3,381</b>	--	--	--	--	--	--
California.....	2,459	3,310	-25.7	2,459	3,310	--	--	--	--	--	--
Oregon.....	--	--	--	--	--	--	--	--	--	--	--
Washington.....	787	71	NM	787	71	--	--	--	--	--	--
<b>Pacific Noncontiguous..</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>64,917</b>	<b>62,194</b>	<b>4.4</b>	<b>40,881</b>	<b>37,483</b>	<b>24,036</b>	<b>24,711</b>	--	--	--	--

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.12.B. Net Generation from Nuclear Energy by State by Sector, Year-to-Date through May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>14,343</b>	<b>14,704</b>	<b>-2.5</b>	--	--	<b>14,343</b>	<b>14,704</b>	--	--	--	--
Connecticut.....	6,157	6,868	-10.4	--	--	6,157	6,868	--	--	--	--
Maine.....	--	--	--	--	--	--	--	--	--	--	--
Massachusetts.....	2,453	1,743	40.8	--	--	2,453	1,743	--	--	--	--
New Hampshire.....	4,226	4,195	.7	--	--	4,226	4,195	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	1,507	1,898	-20.6	--	--	1,507	1,898	--	--	--	--
<b>Middle Atlantic.....</b>	<b>59,675</b>	<b>59,216</b>	<b>.8</b>	<b>7,874</b>	<b>6,570</b>	<b>51,801</b>	<b>52,646</b>	--	--	--	--
New Jersey.....	11,178	12,672	-11.8	--	--	11,178	12,672	--	--	--	--
New York.....	16,863	16,362	3.1	1,810	1,788	15,053	14,575	--	--	--	--
Pennsylvania.....	31,635	30,181	4.8	6,064	4,782	25,571	25,399	--	--	--	--
<b>East North Central.....</b>	<b>61,921</b>	<b>57,096</b>	<b>8.5</b>	<b>24,382</b>	<b>17,443</b>	<b>37,539</b>	<b>39,653</b>	--	--	--	--
Illinois.....	37,539	39,653	-5.3	--	--	37,539	39,653	--	--	--	--
Indiana.....	--	--	--	--	--	--	--	--	--	--	--
Michigan.....	14,126	9,866	43.2	14,126	9,866	--	--	--	--	--	--
Ohio.....	5,511	2,540	116.9	5,511	2,540	--	--	--	--	--	--
Wisconsin.....	4,745	5,037	-5.8	4,745	5,037	--	--	--	--	--	--
<b>West North Central.....</b>	<b>18,926</b>	<b>18,281</b>	<b>3.5</b>	<b>18,926</b>	<b>18,281</b>	--	--	--	--	--	--
Iowa.....	2,057	1,474	39.6	2,057	1,474	--	--	--	--	--	--
Kansas.....	4,221	4,255	-.8	4,221	4,255	--	--	--	--	--	--
Minnesota.....	6,012	5,472	9.9	6,012	5,472	--	--	--	--	--	--
Missouri.....	2,282	3,879	-41.2	2,282	3,879	--	--	--	--	--	--
Nebraska.....	4,353	3,201	36.0	4,353	3,201	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>81,286</b>	<b>79,436</b>	<b>2.3</b>	<b>75,638</b>	<b>74,579</b>	<b>5,647</b>	<b>4,856</b>	--	--	--	--
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	13,602	12,725	6.9	13,602	12,725	--	--	--	--	--	--
Georgia.....	13,131	13,596	-3.4	13,131	13,596	--	--	--	--	--	--
Maryland.....	5,647	4,856	16.3	--	--	5,647	4,856	--	--	--	--
North Carolina.....	16,082	16,710	-3.8	16,082	16,710	--	--	--	--	--	--
South Carolina.....	21,082	22,292	-5.4	21,082	22,292	--	--	--	--	--	--
Virginia.....	11,741	9,256	26.8	11,741	9,256	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
<b>East South Central.....</b>	<b>28,264</b>	<b>26,317</b>	<b>7.4</b>	<b>28,264</b>	<b>26,317</b>	--	--	--	--	--	--
Alabama.....	12,677	12,325	2.8	12,677	12,325	--	--	--	--	--	--
Kentucky.....	--	--	--	--	--	--	--	--	--	--	--
Mississippi.....	3,663	4,372	-16.2	3,663	4,372	--	--	--	--	--	--
Tennessee.....	11,924	9,619	24.0	11,924	9,619	--	--	--	--	--	--
<b>West South Central.....</b>	<b>29,342</b>	<b>25,692</b>	<b>14.2</b>	<b>22,100</b>	<b>18,154</b>	<b>7,242</b>	<b>7,538</b>	--	--	--	--
Arkansas.....	6,231	6,750	-7.7	6,231	6,750	--	--	--	--	--	--
Louisiana.....	7,558	6,553	15.3	7,558	6,553	--	--	--	--	--	--
Oklahoma.....	--	--	--	--	--	--	--	--	--	--	--
Texas.....	15,553	12,389	25.5	8,311	4,851	7,242	7,538	--	--	--	--
<b>Mountain.....</b>	<b>11,797</b>	<b>12,460</b>	<b>-5.3</b>	<b>11,797</b>	<b>12,460</b>	--	--	--	--	--	--
Arizona.....	11,797	12,460	-5.3	11,797	12,460	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>16,178</b>	<b>15,854</b>	<b>2.0</b>	<b>16,178</b>	<b>15,854</b>	--	--	--	--	--	--
California.....	12,182	12,989	-6.2	12,182	12,989	--	--	--	--	--	--
Oregon.....	--	--	--	--	--	--	--	--	--	--	--
Washington.....	3,995	2,865	39.4	3,995	2,865	--	--	--	--	--	--
<b>Pacific Noncontiguous..</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>321,730</b>	<b>309,056</b>	<b>4.1</b>	<b>205,158</b>	<b>189,659</b>	<b>116,572</b>	<b>119,396</b>	--	--	--	--

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.13.A. Net Generation from Hydroelectric (Conventional) Power by State by Sector, May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	May 2004	May 2003	Percent Change	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	<b>704</b>	<b>718</b>	<b>-1.9</b>	<b>64</b>	<b>80</b>	<b>519</b>	<b>558</b>	<b>*</b>	<b>1</b>	<b>121</b>	<b>79</b>
Connecticut.....	NM	NM	--	NM	NM	NM	NM	--	--	--	--
Maine.....	324	305	6.4	NM	NM	NM	NM	--	--	105	75
Massachusetts.....	NM	NM	--	NM	NM	NM	NM	*	1	NM	NM
New Hampshire.....	144	145	-3	35	36	96	108	--	--	NM	NM
Rhode Island.....	NM	NM	--	--	--	NM	NM	--	--	--	--
Vermont.....	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
<b>Middle Atlantic.....</b>	<b>2,596</b>	<b>2,445</b>	<b>6.2</b>	<b>1,901</b>	<b>1,711</b>	<b>685</b>	<b>732</b>	<b>1</b>	<b>--</b>	<b>NM</b>	<b>NM</b>
New Jersey.....	NM	NM	--	--	--	NM	NM	--	--	--	--
New York.....	2,314	2,213	4.6	1,743	1,595	562	616	1	--	NM	NM
Pennsylvania.....	279	229	22.0	158	116	121	113	--	--	--	--
<b>East North Central.....</b>	<b>395</b>	<b>550</b>	<b>-28.2</b>	<b>345</b>	<b>489</b>	<b>22</b>	<b>27</b>	<b>NM</b>	<b>NM</b>	<b>27</b>	<b>32</b>
Illinois.....	NM	NM	--	NM	NM	7	12	*	*	--	--
Indiana.....	38	36	6.9	38	36	--	--	--	--	--	--
Michigan.....	123	169	-27.0	106	151	14	13	--	--	4	4
Ohio.....	28	34	-17.1	28	34	--	--	--	--	--	--
Wisconsin.....	194	294	-33.9	169	263	NM	NM	NM	NM	23	28
<b>West North Central.....</b>	<b>1,114</b>	<b>908</b>	<b>22.6</b>	<b>1,079</b>	<b>869</b>	<b>7</b>	<b>10</b>	<b>--</b>	<b>--</b>	<b>28</b>	<b>29</b>
Iowa.....	89	79	12.3	87	77	NM	NM	--	--	--	--
Kansas.....	1	4	-66.9	--	--	1	4	--	--	1	--
Minnesota.....	89	96	-6.9	58	63	3	4	--	--	28	29
Missouri.....	234	106	121.3	234	106	--	--	--	--	--	--
Nebraska.....	102	103	-4	102	103	--	--	--	--	--	--
North Dakota.....	124	154	-19.1	124	154	--	--	--	--	--	--
South Dakota.....	474	367	29.1	474	367	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>1,094</b>	<b>2,394</b>	<b>-54.3</b>	<b>622</b>	<b>1,846</b>	<b>319</b>	<b>263</b>	<b>NM</b>	<b>NM</b>	<b>152</b>	<b>284</b>
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	NM	NM	--	NM	NM	--	--	--	--	--	--
Georgia.....	210	626	-66.4	206	621	NM	NM	--	--	NM	NM
Maryland.....	270	203	32.9	--	--	270	203	--	--	--	--
North Carolina.....	262	762	-65.6	175	553	NM	NM	1	*	NM	NM
South Carolina.....	113	441	-74.3	108	435	NM	NM	NM	NM	--	--
Virginia.....	105	193	-45.5	99	187	NM	NM	--	--	NM	NM
West Virginia.....	120	153	-21.9	NM	NM	38	47	--	--	64	73
<b>East South Central.....</b>	<b>1,004</b>	<b>3,002</b>	<b>-66.6</b>	<b>974</b>	<b>2,905</b>	<b>1</b>	<b>2</b>	<b>--</b>	<b>--</b>	<b>29</b>	<b>95</b>
Alabama.....	397	1,597	-75.1	397	1,597	--	--	--	--	--	--
Kentucky.....	258	328	-21.5	258	328	--	--	--	--	--	--
Mississippi.....	1	2	-31.2	--	--	1	2	--	--	--	--
Tennessee.....	348	1,074	-67.6	319	979	--	--	--	--	29	95
<b>West South Central.....</b>	<b>819</b>	<b>748</b>	<b>9.5</b>	<b>703</b>	<b>655</b>	<b>117</b>	<b>93</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Arkansas.....	336	259	29.9	336	259	NM	NM	--	--	--	--
Louisiana.....	113	87	29.5	--	--	113	87	--	--	--	--
Oklahoma.....	281	318	-11.5	281	318	--	--	--	--	--	--
Texas.....	89	84	5.8	86	78	3	6	--	--	--	--
<b>Mountain.....</b>	<b>2,980</b>	<b>3,293</b>	<b>-9.5</b>	<b>2,526</b>	<b>2,734</b>	<b>454</b>	<b>558</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Arizona.....	619	625	-1.0	619	625	--	--	--	--	--	--
Colorado.....	110	100	10.5	107	92	NM	NM	--	--	--	--
Idaho.....	957	1,169	-18.1	863	1,012	94	157	--	--	--	--
Montana.....	923	1,001	-7.7	569	613	354	388	--	--	--	--
Nevada.....	237	229	3.7	236	226	NM	NM	--	--	--	--
New Mexico.....	NM	NM	--	NM	NM	--	--	--	--	--	--
Utah.....	63	78	-19.2	61	75	NM	NM	--	--	--	--
Wyoming.....	46	66	-30.7	46	66	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>13,144</b>	<b>15,697</b>	<b>-16.3</b>	<b>12,999</b>	<b>15,246</b>	<b>135</b>	<b>430</b>	<b>10</b>	<b>19</b>	<b>NM</b>	<b>NM</b>
California.....	3,166	4,629	-31.6	3,089	4,329	78	300	--	--	--	--
Oregon.....	3,083	3,446	-10.5	3,050	3,369	33	78	--	--	--	--
Washington.....	6,895	7,622	-9.5	6,860	7,548	25	53	10	19	NM	NM
<b>Pacific Noncontiguous..</b>	<b>138</b>	<b>175</b>	<b>-21.0</b>	<b>128</b>	<b>147</b>	<b>4</b>	<b>11</b>	<b>--</b>	<b>--</b>	<b>NM</b>	<b>NM</b>
Alaska.....	127	146	-13.4	127	146	--	--	--	--	--	--
Hawaii.....	11	28	-59.9	NM	NM	4	11	--	--	NM	NM
<b>U.S. Total.....</b>	<b>23,988</b>	<b>29,928</b>	<b>-19.8</b>	<b>21,340</b>	<b>26,682</b>	<b>2,264</b>	<b>2,685</b>	<b>13</b>	<b>22</b>	<b>371</b>	<b>539</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.13.B. Net Generation from Hydroelectric (Conventional) Power by State by Sector, Year-to-Date through May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>3,604</b>	<b>2,809</b>	<b>28.3</b>	<b>305</b>	<b>296</b>	<b>2,615</b>	<b>2,150</b>	<b>2</b>	<b>2</b>	<b>682</b>	<b>360</b>
Connecticut.....	195	217	-10.5	NM	NM	185	207	--	--	--	--
Maine.....	1,788	1,189	50.3	NM	NM	1,185	868	--	--	601	319
Massachusetts.....	404	383	5.4	NM	NM	396	375	2	2	NM	NM
New Hampshire.....	663	515	28.9	157	135	440	352	--	--	66	28
Rhode Island.....	NM	NM	--	--	--	NM	NM	--	--	--	--
Vermont.....	552	502	10.0	136	148	407	346	--	--	NM	NM
<b>Middle Atlantic.....</b>	<b>12,918</b>	<b>11,198</b>	<b>15.4</b>	<b>9,426</b>	<b>8,353</b>	<b>3,450</b>	<b>2,824</b>	<b>2</b>	<b>--</b>	<b>NM</b>	<b>NM</b>
New Jersey.....	NM	NM	--	--	--	NM	NM	--	--	--	--
New York.....	11,614	9,991	16.2	8,712	7,695	2,859	2,274	2	--	NM	NM
Pennsylvania.....	1,292	1,196	8.0	715	658	578	539	--	--	--	--
<b>East North Central.....</b>	<b>1,901</b>	<b>1,983</b>	<b>-4.1</b>	<b>1,716</b>	<b>1,752</b>	<b>82</b>	<b>103</b>	<b>NM</b>	<b>NM</b>	<b>101</b>	<b>123</b>
Illinois.....	47	69	-31.7	NM	NM	28	44	*	2	--	--
Indiana.....	128	145	-11.6	128	145	--	--	--	--	--	--
Michigan.....	618	636	-2.8	556	569	48	51	--	--	14	16
Ohio.....	128	154	-16.9	128	154	--	--	--	--	--	--
Wisconsin.....	980	980	.1	885	862	NM	NM	NM	NM	86	108
<b>West North Central.....</b>	<b>4,323</b>	<b>3,630</b>	<b>19.1</b>	<b>4,193</b>	<b>3,492</b>	<b>25</b>	<b>40</b>	<b>--</b>	<b>--</b>	<b>105</b>	<b>98</b>
Iowa.....	379	343	10.6	371	334	8	9	--	--	--	--
Kansas.....	5	15	-64.7	--	--	5	15	--	--	--	--
Minnesota.....	417	338	23.4	301	224	11	16	--	--	105	98
Missouri.....	860	286	200.4	860	286	--	--	--	--	--	--
Nebraska.....	404	338	19.8	404	338	--	--	--	--	--	--
North Dakota.....	705	752	-6.3	705	752	--	--	--	--	--	--
South Dakota.....	1,552	1,558	-4	1,552	1,558	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>6,178</b>	<b>9,486</b>	<b>-34.9</b>	<b>3,861</b>	<b>6,908</b>	<b>1,412</b>	<b>1,339</b>	<b>NM</b>	<b>NM</b>	<b>900</b>	<b>1,238</b>
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	76	98	-22.9	76	98	--	--	--	--	--	--
Georgia.....	1,334	2,142	-37.7	1,312	2,123	NM	NM	--	--	NM	NM
Maryland.....	1,196	1,088	10.0	--	--	1,196	1,088	--	--	--	--
North Carolina.....	1,744	3,056	-42.9	1,193	2,150	NM	NM	4	1	541	899
South Carolina.....	701	1,730	-59.5	675	1,708	NM	NM	NM	NM	--	--
Virginia.....	536	713	-24.8	508	688	NM	NM	--	--	NM	NM
West Virginia.....	590	660	-10.6	97	141	155	199	--	--	338	320
<b>East South Central.....</b>	<b>8,641</b>	<b>12,080</b>	<b>-28.5</b>	<b>8,392</b>	<b>11,704</b>	<b>6</b>	<b>6</b>	<b>--</b>	<b>--</b>	<b>243</b>	<b>370</b>
Alabama.....	3,760	5,796	-35.1	3,760	5,796	--	--	--	--	--	--
Kentucky.....	1,506	1,711	-12.0	1,506	1,711	--	--	--	--	--	--
Mississippi.....	6	6	11.1	--	--	6	6	--	--	--	--
Tennessee.....	3,368	4,567	-26.3	3,125	4,197	--	--	--	--	243	370
<b>West South Central.....</b>	<b>3,360</b>	<b>2,891</b>	<b>16.2</b>	<b>2,851</b>	<b>2,446</b>	<b>510</b>	<b>445</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Arkansas.....	1,375	1,194	15.2	1,375	1,194	NM	NM	--	--	--	--
Louisiana.....	493	427	15.6	--	--	493	427	--	--	--	--
Oklahoma.....	1,147	874	31.2	1,147	874	--	--	--	--	--	--
Texas.....	345	397	-13.2	329	379	16	18	--	--	--	--
<b>Mountain.....</b>	<b>11,627</b>	<b>11,851</b>	<b>-1.9</b>	<b>10,026</b>	<b>10,154</b>	<b>1,601</b>	<b>1,698</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Arizona.....	3,231	2,996	7.8	3,231	2,996	--	--	--	--	--	--
Colorado.....	479	332	44.2	466	314	NM	NM	--	--	--	--
Idaho.....	3,429	3,717	-7.8	3,107	3,375	321	342	--	--	--	--
Montana.....	3,156	3,281	-3.8	1,899	1,957	1,258	1,324	--	--	--	--
Nevada.....	755	1,020	-26.0	750	1,013	NM	NM	--	--	--	--
New Mexico.....	115	97	18.2	115	97	--	--	--	--	--	--
Utah.....	223	235	-5.2	218	229	NM	NM	--	--	--	--
Wyoming.....	239	173	38.6	239	173	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>59,247</b>	<b>61,926</b>	<b>-4.3</b>	<b>58,686</b>	<b>60,849</b>	<b>524</b>	<b>1,030</b>	<b>36</b>	<b>45</b>	<b>NM</b>	<b>NM</b>
California.....	15,290	15,325	-2	15,012	14,647	279	678	--	--	--	--
Oregon.....	14,820	15,924	-6.9	14,662	15,696	158	228	--	--	--	--
Washington.....	29,137	30,677	-5.0	29,012	30,506	88	124	36	45	NM	NM
<b>Pacific Noncontiguous..</b>	<b>710</b>	<b>770</b>	<b>-7.7</b>	<b>666</b>	<b>705</b>	<b>21</b>	<b>26</b>	<b>--</b>	<b>--</b>	<b>23</b>	<b>39</b>
Alaska.....	663	705	-6.0	663	705	--	--	--	--	--	--
Hawaii.....	48	65	-26.6	NM	NM	21	26	--	--	23	39
<b>U.S. Total.....</b>	<b>112,509</b>	<b>118,623</b>	<b>-5.2</b>	<b>100,121</b>	<b>106,658</b>	<b>10,246</b>	<b>9,660</b>	<b>46</b>	<b>53</b>	<b>2,096</b>	<b>2,251</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

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**Table 1.14.A. Net Generation from Other Renewables by State by Sector, May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	May 2004	May 2003	Percent Change	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	<b>748</b>	<b>761</b>	<b>-1.7</b>	<b>26</b>	<b>24</b>	<b>545</b>	<b>523</b>	<b>17</b>	<b>19</b>	<b>161</b>	<b>195</b>
Connecticut.....	134	127	5.3	--	--	134	127	--	--	--	--
Maine.....	319	348	-8.6	--	--	151	138	15	16	152	194
Massachusetts.....	171	180	-4.9	--	--	169	177	2	2	--	--
New Hampshire.....	76	61	24.9	--	--	69	60	--	--	7	*
Rhode Island.....	8	9	-2.8	--	--	8	9	--	--	--	--
Vermont.....	41	36	11.6	26	24	13	11	--	--	NM	NM
<b>Middle Atlantic.....</b>	<b>554</b>	<b>578</b>	<b>-4.2</b>	<b>--</b>	<b>--</b>	<b>460</b>	<b>483</b>	<b>37</b>	<b>41</b>	<b>57</b>	<b>53</b>
New Jersey.....	117	118	-1.0	--	--	116	117	NM	NM	NM	NM
New York.....	200	220	-9.1	--	--	167	186	20	22	14	12
Pennsylvania.....	236	239	-1.2	--	--	177	180	17	19	42	40
<b>East North Central.....</b>	<b>420</b>	<b>412</b>	<b>1.9</b>	<b>26</b>	<b>32</b>	<b>236</b>	<b>234</b>	<b>33</b>	<b>26</b>	<b>125</b>	<b>121</b>
Illinois.....	76	66	15.2	1	--	68	60	NM	NM	7	6
Indiana.....	11	11	1.8	--	--	8	8	NM	NM	NM	NM
Michigan.....	213	218	-2.4	2	1	129	139	28	20	54	59
Ohio.....	23	11	111.3	*	--	NM	NM	*	*	18	6
Wisconsin.....	96	105	-8.8	23	31	26	22	NM	NM	45	50
<b>West North Central.....</b>	<b>377</b>	<b>289</b>	<b>30.4</b>	<b>43</b>	<b>54</b>	<b>296</b>	<b>194</b>	<b>4</b>	<b>3</b>	<b>33</b>	<b>38</b>
Iowa.....	103	68	50.9	4	5	97	62	2	1	--	*
Kansas.....	48	36	36.3	*	--	48	36	--	--	--	--
Minnesota.....	184	171	7.8	33	36	117	96	NM	NM	33	37
Missouri.....	6	10	-36.2	5	9	--	--	*	--	NM	NM
Nebraska.....	NM	NM	--	*	3	NM	NM	NM	NM	--	--
North Dakota.....	20	1	NM	1	1	19	--	--	--	NM	NM
South Dakota.....	15	1	NM	*	1	14	--	--	--	--	--
<b>South Atlantic.....</b>	<b>1,407</b>	<b>1,223</b>	<b>15.1</b>	<b>12</b>	<b>15</b>	<b>553</b>	<b>485</b>	<b>44</b>	<b>41</b>	<b>798</b>	<b>681</b>
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	521	417	24.7	11	11	342	300	NM	NM	164	104
Georgia.....	254	265	-4.2	--	--	NM	NM	--	--	252	263
Maryland.....	75	77	-3.1	--	--	60	61	NM	NM	12	14
North Carolina.....	179	158	12.8	--	--	43	38	--	--	136	120
South Carolina.....	154	99	55.9	NM	NM	--	--	NM	NM	148	93
Virginia.....	214	191	12.4	--	--	94	72	33	32	87	87
West Virginia.....	12	16	-27.8	*	2	12	14	--	--	--	--
<b>East South Central.....</b>	<b>512</b>	<b>498</b>	<b>2.9</b>	<b>1</b>	<b>3</b>	<b>22</b>	<b>19</b>	<b>NM</b>	<b>NM</b>	<b>488</b>	<b>475</b>
Alabama.....	333	303	9.9	--	--	19	16	--	--	314	287
Kentucky.....	23	24	-4.4	1	3	--	--	--	--	22	22
Mississippi.....	105	98	7.7	--	--	--	--	--	--	105	98
Tennessee.....	50	72	-30.5	*	--	NM	NM	NM	NM	46	69
<b>West South Central.....</b>	<b>879</b>	<b>715</b>	<b>22.9</b>	<b>*</b>	<b>--</b>	<b>452</b>	<b>221</b>	<b>NM</b>	<b>NM</b>	<b>425</b>	<b>490</b>
Arkansas.....	134	134	.5	--	--	--	--	NM	NM	134	133
Louisiana.....	193	267	-27.7	--	--	6	4	--	--	187	263
Oklahoma.....	66	24	180.9	--	--	42	--	--	--	24	24
Texas.....	485	291	66.8	*	--	404	218	NM	NM	80	70
<b>Mountain.....</b>	<b>323</b>	<b>196</b>	<b>65.2</b>	<b>27</b>	<b>27</b>	<b>249</b>	<b>126</b>	<b>NM</b>	<b>NM</b>	<b>47</b>	<b>39</b>
Arizona.....	4	5	-11.5	4	4	--	--	NM	NM	--	--
Colorado.....	17	15	9.0	5	4	12	8	--	3	--	--
Idaho.....	50	35	41.3	--	--	7	3	--	--	43	32
Montana.....	NM	NM	--	--	--	--	--	--	--	NM	NM
Nevada.....	99	87	13.6	--	--	99	87	--	--	--	--
New Mexico.....	56	1	NM	--	--	56	1	--	--	--	--
Utah.....	17	18	-3.5	16	17	NM	NM	--	--	--	--
Wyoming.....	76	28	175.6	2	1	75	27	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>2,562</b>	<b>1,974</b>	<b>29.8</b>	<b>140</b>	<b>58</b>	<b>2,215</b>	<b>1,720</b>	<b>27</b>	<b>31</b>	<b>180</b>	<b>165</b>
California.....	2,302	1,797	28.1	107	19	2,070	1,667	27	31	98	80
Oregon.....	123	63	93.9	--	--	94	32	--	--	29	31
Washington.....	137	114	20.5	32	39	51	21	--	--	54	54
<b>Pacific Noncontiguous..</b>	<b>64</b>	<b>64</b>	<b>.4</b>	<b>*</b>	<b>*</b>	<b>58</b>	<b>49</b>	<b>--</b>	<b>--</b>	<b>NM</b>	<b>NM</b>
Alaska.....	*	*	.8	NM	NM	*	--	--	--	--	--
Hawaii.....	64	63	.4	*	*	58	49	--	--	NM	NM
<b>U.S. Total.....</b>	<b>7,846</b>	<b>6,709</b>	<b>16.9</b>	<b>276</b>	<b>213</b>	<b>5,085</b>	<b>4,055</b>	<b>165</b>	<b>169</b>	<b>2,320</b>	<b>2,272</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Other renewables include wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.14.B. Net Generation from Other Renewables by State by Sector, Year-to-Date through May 2004 and 2003**

(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>3,617</b>	<b>3,697</b>	<b>-2.2</b>	<b>99</b>	<b>103</b>	<b>2,611</b>	<b>2,626</b>	<b>81</b>	<b>81</b>	<b>825</b>	<b>888</b>
Connecticut.....	623	631	-1.3	--	--	623	631	--	--	--	--
Maine.....	1,594	1,689	-5.6	--	--	740	754	72	69	783	866
Massachusetts.....	804	823	-2.3	--	--	794	811	10	12	--	--
New Hampshire.....	382	333	14.5	--	--	345	318	--	--	37	16
Rhode Island.....	39	42	-7.2	--	--	39	42	--	--	--	--
Vermont.....	175	178	-1.6	99	103	70	70	--	--	6	6
<b>Middle Atlantic.....</b>	<b>2,662</b>	<b>2,614</b>	<b>1.8</b>	<b>--</b>	<b>--</b>	<b>2,202</b>	<b>2,166</b>	<b>171</b>	<b>171</b>	<b>289</b>	<b>277</b>
New Jersey.....	535	538	-6	--	--	528	532	NM	NM	5	5
New York.....	1,003	999	.4	--	--	833	844	92	87	79	68
Pennsylvania.....	1,124	1,077	4.3	--	--	841	790	78	82	205	205
<b>East North Central.....</b>	<b>2,116</b>	<b>2,034</b>	<b>4.0</b>	<b>125</b>	<b>157</b>	<b>1,200</b>	<b>1,167</b>	<b>122</b>	<b>119</b>	<b>669</b>	<b>591</b>
Illinois.....	351	291	20.7	3	--	315	257	NM	NM	30	31
Indiana.....	52	53	-2.7	--	--	35	34	15	12	NM	NM
Michigan.....	1,105	1,101	.4	16	7	702	728	95	95	292	271
Ohio.....	138	55	152.8	*	--	25	25	*	*	113	30
Wisconsin.....	470	535	-12.1	106	150	123	124	9	9	232	252
<b>West North Central.....</b>	<b>1,741</b>	<b>1,534</b>	<b>13.5</b>	<b>225</b>	<b>252</b>	<b>1,331</b>	<b>1,091</b>	<b>20</b>	<b>15</b>	<b>165</b>	<b>176</b>
Iowa.....	523	433	20.8	20	31	494	398	9	4	--	*
Kansas.....	198	184	7.7	*	--	197	184	--	--	--	--
Minnesota.....	864	849	1.8	159	163	536	506	7	7	162	173
Missouri.....	44	44	-1.2	39	40	--	--	1	1	NM	NM
Nebraska.....	6	18	-64.1	1	13	NM	NM	NM	NM	--	--
North Dakota.....	60	2	NM	2	2	58	--	--	--	NM	NM
South Dakota.....	45	3	NM	2	3	43	--	--	--	--	--
<b>South Atlantic.....</b>	<b>6,680</b>	<b>6,096</b>	<b>9.6</b>	<b>70</b>	<b>76</b>	<b>2,598</b>	<b>2,484</b>	<b>190</b>	<b>189</b>	<b>3,822</b>	<b>3,348</b>
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	2,445	2,094	16.7	55	54	1,552	1,518	17	16	820	506
Georgia.....	1,374	1,245	10.4	--	--	9	8	--	--	1,365	1,236
Maryland.....	348	324	7.3	--	--	273	247	10	11	65	67
North Carolina.....	793	846	-6.2	--	--	194	198	--	--	599	648
South Carolina.....	680	500	36.1	6	9	--	--	22	17	652	474
Virginia.....	944	1,028	-8.2	--	--	483	466	141	146	321	417
West Virginia.....	96	59	62.3	9	13	87	46	--	--	--	--
<b>East South Central.....</b>	<b>2,670</b>	<b>2,604</b>	<b>2.5</b>	<b>10</b>	<b>9</b>	<b>97</b>	<b>85</b>	<b>NM</b>	<b>NM</b>	<b>2,560</b>	<b>2,507</b>
Alabama.....	1,701	1,683	1.0	--	--	83	72	--	--	1,618	1,611
Kentucky.....	151	126	20.3	8	9	--	--	--	--	144	117
Mississippi.....	568	459	23.8	--	--	--	--	--	--	568	459
Tennessee.....	250	337	-25.8	2	--	13	13	NM	NM	231	320
<b>West South Central.....</b>	<b>4,044</b>	<b>3,592</b>	<b>12.6</b>	<b>1</b>	<b>1</b>	<b>1,648</b>	<b>1,142</b>	<b>7</b>	<b>17</b>	<b>2,387</b>	<b>2,433</b>
Arkansas.....	751	748	.3	--	--	--	--	NM	NM	748	746
Louisiana.....	1,154	1,195	-3.4	--	--	25	24	--	--	1,129	1,172
Oklahoma.....	257	113	126.9	--	--	142	--	--	--	115	113
Texas.....	1,882	1,536	22.6	1	1	1,481	1,118	NM	NM	395	402
<b>Mountain.....</b>	<b>1,579</b>	<b>1,131</b>	<b>39.6</b>	<b>134</b>	<b>138</b>	<b>1,220</b>	<b>763</b>	<b>NM</b>	<b>NM</b>	<b>224</b>	<b>214</b>
Arizona.....	20	17	16.6	18	15	--	--	NM	NM	--	--
Colorado.....	86	89	-3.0	27	29	59	45	--	14	--	--
Idaho.....	236	198	19.2	--	--	35	14	--	--	201	184
Montana.....	23	30	-23.7	--	--	--	--	--	--	23	30
Nevada.....	500	485	3.0	--	--	500	485	--	--	--	--
New Mexico.....	262	8	NM	--	--	262	8	--	--	--	--
Utah.....	87	89	-2.6	82	85	NM	NM	--	--	--	--
Wyoming.....	366	216	69.6	7	9	359	207	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>11,287</b>	<b>9,975</b>	<b>13.1</b>	<b>740</b>	<b>293</b>	<b>9,503</b>	<b>8,620</b>	<b>123</b>	<b>154</b>	<b>920</b>	<b>908</b>
California.....	9,957	8,776	13.5	536	87	8,814	8,079	123	154	484	456
Oregon.....	605	441	37.4	--	--	440	276	--	--	165	165
Washington.....	724	758	-4.5	205	206	249	266	--	--	271	287
<b>Pacific Noncontiguous..</b>	<b>295</b>	<b>255</b>	<b>15.5</b>	<b>1</b>	<b>1</b>	<b>269</b>	<b>196</b>	<b>--</b>	<b>--</b>	<b>25</b>	<b>58</b>
Alaska.....	1	1	2.2	*	1	*	--	--	--	--	--
Hawaii.....	294	254	15.6	1	1	268	196	--	--	25	58
<b>U.S. Total.....</b>	<b>36,690</b>	<b>33,533</b>	<b>9.4</b>	<b>1,404</b>	<b>1,029</b>	<b>22,679</b>	<b>20,340</b>	<b>720</b>	<b>764</b>	<b>11,887</b>	<b>11,399</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Other renewables include wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.15.A. Net Generation from Hydroelectric (Pumped Storage) Power by State by Sector, May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	May 2004	May 2003	Percent Change	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	<b>-43</b>	<b>-51</b>	<b>15.2</b>	<b>--</b>	<b>--</b>	<b>-43</b>	<b>-51</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Connecticut.....	--	--	--	--	--	--	--	--	--	--	--
Maine.....	--	--	--	--	--	--	--	--	--	--	--
Massachusetts.....	-43	-51	15.2	--	--	-43	-51	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>-157</b>	<b>-134</b>	<b>-17.1</b>	<b>-122</b>	<b>-100</b>	<b>-36</b>	<b>-34</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
New Jersey.....	-12	12	-202.2	-12	12	--	--	--	--	--	--
New York.....	-94	-92	-2.0	-94	-92	--	--	--	--	--	--
Pennsylvania.....	-51	-55	6.4	-15	-20	-36	-34	--	--	--	--
<b>East North Central.....</b>	<b>-103</b>	<b>-69</b>	<b>-49.4</b>	<b>-103</b>	<b>-69</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Illinois.....	--	--	--	--	--	--	--	--	--	--	--
Indiana.....	--	--	--	--	--	--	--	--	--	--	--
Michigan.....	-103	-69	-49.4	-103	-69	--	--	--	--	--	--
Ohio.....	--	--	--	--	--	--	--	--	--	--	--
Wisconsin.....	--	--	--	--	--	--	--	--	--	--	--
<b>West North Central.....</b>	<b>-22</b>	<b>-18</b>	<b>-22.8</b>	<b>-22</b>	<b>-18</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Iowa.....	--	--	--	--	--	--	--	--	--	--	--
Kansas.....	--	--	--	--	--	--	--	--	--	--	--
Minnesota.....	--	--	--	--	--	--	--	--	--	--	--
Missouri.....	-22	-18	-22.8	-22	-18	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>-296</b>	<b>-234</b>	<b>-26.3</b>	<b>-296</b>	<b>-234</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	--	--	--	--	--	--	--	--	--	--	--
Georgia.....	-79	-44	-80.0	-79	-44	--	--	--	--	--	--
Maryland.....	--	--	--	--	--	--	--	--	--	--	--
North Carolina.....	*	19	-100.3	*	19	--	--	--	--	--	--
South Carolina.....	-135	-82	-64.4	-135	-82	--	--	--	--	--	--
Virginia.....	-82	-127	36.1	-82	-127	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
<b>East South Central.....</b>	<b>-84</b>	<b>-59</b>	<b>-42.0</b>	<b>-84</b>	<b>-59</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Alabama.....	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	--	--	--	--	--	--	--	--	--	--	--
Mississippi.....	--	--	--	--	--	--	--	--	--	--	--
Tennessee.....	-84	-59	-42.0	-84	-59	--	--	--	--	--	--
<b>West South Central.....</b>	<b>-21</b>	<b>-14</b>	<b>-48.9</b>	<b>-21</b>	<b>-14</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Arkansas.....	1	--	--	1	--	--	--	--	--	--	--
Louisiana.....	--	--	--	--	--	--	--	--	--	--	--
Oklahoma.....	-22	-14	-59.0	-22	-14	--	--	--	--	--	--
Texas.....	--	--	--	--	--	--	--	--	--	--	--
<b>Mountain.....</b>	<b>7</b>	<b>10</b>	<b>-32.5</b>	<b>7</b>	<b>10</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Arizona.....	31	25	22.6	31	25	--	--	--	--	--	--
Colorado.....	-24	-15	-59.1	-24	-15	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>56</b>	<b>-49</b>	<b>212.8</b>	<b>56</b>	<b>-49</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
California.....	57	-59	195.6	57	-59	--	--	--	--	--	--
Oregon.....	--	--	--	--	--	--	--	--	--	--	--
Washington.....	-1	10	-107.7	-1	10	--	--	--	--	--	--
<b>Pacific Noncontiguous..</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>-664</b>	<b>-619</b>	<b>-7.2</b>	<b>-585</b>	<b>-534</b>	<b>-79</b>	<b>-85</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.15.B. Net Generation from Hydroelectric (Pumped Storage) Power by State by Sector, Year-to-Date through May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>-221</b>	<b>-277</b>	<b>20.3</b>	--	--	<b>-221</b>	<b>-277</b>	--	--	--	--
Connecticut.....	*	*	102.6	--	--	*	*	--	--	--	--
Maine.....	--	--	--	--	--	--	--	--	--	--	--
Massachusetts.....	-221	-277	20.3	--	--	-221	-277	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>-631</b>	<b>-688</b>	<b>8.2</b>	<b>-442</b>	<b>-490</b>	<b>-189</b>	<b>-198</b>	--	--	--	--
New Jersey.....	-58	-34	-71.5	-58	-34	--	--	--	--	--	--
New York.....	-319	-358	10.8	-319	-358	--	--	--	--	--	--
Pennsylvania.....	-254	-296	14.1	-65	-99	-189	-198	--	--	--	--
<b>East North Central.....</b>	<b>-447</b>	<b>-379</b>	<b>-18.0</b>	<b>-447</b>	<b>-379</b>	--	--	--	--	--	--
Illinois.....	--	--	--	--	--	--	--	--	--	--	--
Indiana.....	--	--	--	--	--	--	--	--	--	--	--
Michigan.....	-447	-379	-18.0	-447	-379	--	--	--	--	--	--
Ohio.....	--	--	--	--	--	--	--	--	--	--	--
Wisconsin.....	--	--	--	--	--	--	--	--	--	--	--
<b>West North Central.....</b>	<b>-105</b>	<b>-113</b>	<b>6.3</b>	<b>-105</b>	<b>-113</b>	--	--	--	--	--	--
Iowa.....	--	--	--	--	--	--	--	--	--	--	--
Kansas.....	--	--	--	--	--	--	--	--	--	--	--
Minnesota.....	--	--	--	--	--	--	--	--	--	--	--
Missouri.....	-105	-113	6.3	-105	-113	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>-1,139</b>	<b>-1,233</b>	<b>7.6</b>	<b>-1,139</b>	<b>-1,233</b>	--	--	--	--	--	--
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	--	--	--	--	--	--	--	--	--	--	--
Georgia.....	-295	-269	-10.0	-295	-269	--	--	--	--	--	--
Maryland.....	--	--	--	--	--	--	--	--	--	--	--
North Carolina.....	-3	47	-106.8	-3	47	--	--	--	--	--	--
South Carolina.....	-490	-499	1.8	-490	-499	--	--	--	--	--	--
Virginia.....	-350	-512	31.6	-350	-512	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
<b>East South Central.....</b>	<b>-321</b>	<b>-284</b>	<b>-12.9</b>	<b>-321</b>	<b>-284</b>	--	--	--	--	--	--
Alabama.....	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	--	--	--	--	--	--	--	--	--	--	--
Mississippi.....	--	--	--	--	--	--	--	--	--	--	--
Tennessee.....	-321	-284	-12.9	-321	-284	--	--	--	--	--	--
<b>West South Central.....</b>	<b>-85</b>	<b>-73</b>	<b>-16.4</b>	<b>-85</b>	<b>-73</b>	--	--	--	--	--	--
Arkansas.....	3	1	400.0	3	1	--	--	--	--	--	--
Louisiana.....	--	--	--	--	--	--	--	--	--	--	--
Oklahoma.....	-89	-74	-20.0	-89	-74	--	--	--	--	--	--
Texas.....	--	--	--	--	--	--	--	--	--	--	--
<b>Mountain.....</b>	<b>-13</b>	<b>23</b>	<b>-155.3</b>	<b>-13</b>	<b>23</b>	--	--	--	--	--	--
Arizona.....	68	97	-30.4	68	97	--	--	--	--	--	--
Colorado.....	-80	-75	-7.5	-80	-75	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>-449</b>	<b>-480</b>	<b>6.5</b>	<b>-449</b>	<b>-480</b>	--	--	--	--	--	--
California.....	-439	-483	9.0	-439	-483	--	--	--	--	--	--
Oregon.....	--	--	--	--	--	--	--	--	--	--	--
Washington.....	-10	3	-437.2	-10	3	--	--	--	--	--	--
<b>Pacific Noncontiguous..</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>-3,411</b>	<b>-3,504</b>	<b>2.7</b>	<b>-3,001</b>	<b>-3,030</b>	<b>-410</b>	<b>-475</b>	--	--	--	--

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.16.A. Net Generation from Other Energy Sources by State by Sector, May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	May 2004	May 2003	Percent Change	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	<b>10</b>	*	NM	--	--	--	--	--	--	<b>10</b>	*
Connecticut.....	--	--	--	--	--	--	--	--	--	--	--
Maine.....	10	--	--	--	--	--	--	--	--	10	--
Massachusetts.....	NM	NM	--	--	--	--	--	--	--	NM	NM
New Hampshire.....	--	--	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>NM</b>	<b>NM</b>	--	--	--	--	*	--	--	<b>NM</b>	<b>NM</b>
New Jersey.....	NM	NM	--	--	--	--	--	--	--	NM	NM
New York.....	--	*	--	--	--	--	*	--	--	--	--
Pennsylvania.....	NM	NM	--	--	--	--	--	--	--	NM	NM
<b>East North Central.....</b>	<b>47</b>	<b>55</b>	<b>-15.3</b>	--	--	--	<b>7</b>	<b>NM</b>	<b>NM</b>	<b>47</b>	<b>48</b>
Illinois.....	--	*	--	--	--	--	*	--	--	--	--
Indiana.....	47	47	.5	--	--	--	--	--	--	47	47
Michigan.....	NM	NM	--	--	--	--	--	NM	NM	--	--
Ohio.....	--	7	--	--	--	--	7	--	--	--	--
Wisconsin.....	--	2	--	--	--	--	--	--	--	--	2
<b>West North Central.....</b>	<b>2</b>	<b>1</b>	<b>358.8</b>	--	--	--	--	--	--	<b>2</b>	<b>1</b>
Iowa.....	--	--	--	--	--	--	--	--	--	--	--
Kansas.....	--	--	--	--	--	--	--	--	--	--	--
Minnesota.....	2	1	358.8	--	--	--	--	--	--	2	1
Missouri.....	--	--	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>133</b>	<b>192</b>	<b>-30.7</b>	--	--	<b>NM</b>	<b>NM</b>	--	--	<b>133</b>	<b>192</b>
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	121	176	-31.1	--	--	NM	NM	--	--	121	176
Georgia.....	--	--	--	--	--	--	--	--	--	--	--
Maryland.....	--	--	--	--	--	--	--	--	--	--	--
North Carolina.....	NM	NM	--	--	--	--	--	--	--	NM	NM
South Carolina.....	--	--	--	--	--	--	--	--	--	--	--
Virginia.....	--	--	--	--	--	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
<b>East South Central.....</b>	<b>NM</b>	<b>NM</b>	--	--	--	--	<b>2</b>	--	--	<b>NM</b>	<b>NM</b>
Alabama.....	NM	NM	--	--	--	--	2	--	--	NM	NM
Kentucky.....	--	--	--	--	--	--	--	--	--	--	--
Mississippi.....	--	--	--	--	--	--	--	--	--	--	--
Tennessee.....	--	*	--	--	--	--	--	--	--	--	*
<b>West South Central.....</b>	<b>43</b>	<b>187</b>	<b>-77.0</b>	--	--	<b>27</b>	<b>28</b>	--	--	<b>NM</b>	<b>NM</b>
Arkansas.....	--	10	--	--	--	--	--	--	--	--	10
Louisiana.....	NM	NM	--	--	--	--	--	--	--	NM	NM
Oklahoma.....	1	*	NM	--	--	--	--	--	--	1	*
Texas.....	28	85	-67.1	--	--	27	28	--	--	NM	NM
<b>Mountain.....</b>	<b>NM</b>	<b>NM</b>	--	--	--	--	<b>1</b>	--	--	<b>NM</b>	<b>NM</b>
Arizona.....	--	--	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--	--	--
Idaho.....	NM	NM	--	--	--	--	--	--	--	NM	NM
Montana.....	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	1	--	--	--	--	1	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	NM	NM	--	--	--	--	--	--	--	NM	NM
<b>Pacific Contiguous.....</b>	<b>NM</b>	<b>NM</b>	--	--	--	--	<b>1</b>	--	--	<b>NM</b>	<b>NM</b>
California.....	NM	NM	--	--	--	--	1	--	--	NM	NM
Oregon.....	--	--	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Noncontiguous..</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>247</b>	<b>460</b>	<b>-46.4</b>	<b>--</b>	<b>--</b>	<b>28</b>	<b>39</b>	<b>*</b>	<b>*</b>	<b>219</b>	<b>421</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Other energy sources include batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 1.16.B. Net Generation from Other Energy Sources by State by Sector, Year-to-Date through May 2004 and 2003**  
(Thousand Megawatthours)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>11</b>	<b>2</b>	<b>609.9</b>	--	--	--	--	--	--	<b>11</b>	<b>2</b>
Connecticut.....	--	--	--	--	--	--	--	--	--	--	--
Maine.....	10	--	--	--	--	--	--	--	--	10	--
Massachusetts.....	NM	NM	--	--	--	--	--	--	--	NM	NM
New Hampshire.....	--	--	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>NM</b>	<b>NM</b>	--	--	--	<b>7</b>	<b>2</b>	--	--	<b>NM</b>	<b>NM</b>
New Jersey.....	NM	NM	--	--	--	--	--	--	--	NM	NM
New York.....	--	2	--	--	--	--	2	--	--	--	--
Pennsylvania.....	NM	NM	--	--	--	7	--	--	--	NM	NM
<b>East North Central.....</b>	<b>165</b>	<b>221</b>	<b>-25.4</b>	--	--	<b>*</b>	<b>58</b>	<b>NM</b>	<b>NM</b>	<b>165</b>	<b>163</b>
Illinois.....	*	*	-48.9	--	--	*	*	--	--	--	--
Indiana.....	165	151	9.1	--	--	--	--	--	--	165	151
Michigan.....	NM	NM	--	--	--	--	--	NM	NM	--	--
Ohio.....	--	57	--	--	--	--	57	--	--	--	--
Wisconsin.....	--	12	--	--	--	--	--	--	--	--	12
<b>West North Central.....</b>	<b>19</b>	<b>17</b>	<b>11.3</b>	--	--	--	--	--	--	<b>19</b>	<b>17</b>
Iowa.....	--	--	--	--	--	--	--	--	--	--	--
Kansas.....	--	--	--	--	--	--	--	--	--	--	--
Minnesota.....	19	17	11.3	--	--	--	--	--	--	19	17
Missouri.....	--	--	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>669</b>	<b>897</b>	<b>-25.4</b>	--	--	<b>NM</b>	<b>NM</b>	--	--	<b>667</b>	<b>897</b>
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	603	811	-25.7	--	--	NM	NM	--	--	600	811
Georgia.....	--	--	--	--	--	--	--	--	--	--	--
Maryland.....	--	--	--	--	--	--	--	--	--	--	--
North Carolina.....	66	86	-22.9	--	--	--	--	--	--	66	86
South Carolina.....	--	--	--	--	--	--	--	--	--	--	--
Virginia.....	--	--	--	--	--	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
<b>East South Central.....</b>	<b>NM</b>	<b>NM</b>	--	--	--	--	<b>7</b>	--	--	<b>NM</b>	<b>NM</b>
Alabama.....	NM	NM	--	--	--	--	7	--	--	NM	NM
Kentucky.....	--	--	--	--	--	--	--	--	--	--	--
Mississippi.....	--	--	--	--	--	--	--	--	--	--	--
Tennessee.....	--	2	--	--	--	--	--	--	--	--	2
<b>West South Central.....</b>	<b>284</b>	<b>843</b>	<b>-66.4</b>	--	--	<b>147</b>	<b>169</b>	--	--	<b>137</b>	<b>674</b>
Arkansas.....	10	10	-1.5	--	--	--	--	--	--	10	10
Louisiana.....	118	379	-68.8	--	--	--	--	--	--	118	379
Oklahoma.....	4	*	NM	--	--	--	--	--	--	4	*
Texas.....	151	454	-66.6	--	--	147	169	--	--	NM	NM
<b>Mountain.....</b>	<b>49</b>	<b>69</b>	<b>-28.0</b>	--	--	--	<b>4</b>	--	--	<b>49</b>	<b>65</b>
Arizona.....	--	--	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--	--	--
Idaho.....	NM	NM	--	--	--	--	--	--	--	NM	NM
Montana.....	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	4	--	--	--	--	4	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	NM	NM	--	--	--	--	--	--	--	NM	NM
<b>Pacific Contiguous.....</b>	<b>NM</b>	<b>NM</b>	--	--	--	--	<b>1</b>	--	<b>4</b>	<b>NM</b>	<b>NM</b>
California.....	NM	NM	--	--	--	--	1	--	4	NM	NM
Oregon.....	--	--	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Noncontiguous..</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>1,219</b>	<b>2,091</b>	<b>-41.7</b>	<b>--</b>	<b>--</b>	<b>157</b>	<b>240</b>	<b>*</b>	<b>4</b>	<b>1,062</b>	<b>1,847</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> The electric utility sector includes electricity-only plants whose primary business is to sell electricity.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Other energy sources include batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

## Chapter 2. Consumption of Fossil Fuels

**Table 2.1.A. Coal: Consumption for Electricity Generation by Sector, 1990 through May 2004**  
(Thousand Tons)

Period	Total (All Sectors)	Electric Power Sector <sup>1</sup>		Commercial Sector <sup>2</sup>	Industrial Sector <sup>3</sup>
		Electric Utilities	Independent Power Producers		
1990.....	792,457	773,549	7,752	417	10,740
1991.....	793,666	772,268	10,385	403	10,610
1992.....	805,140	779,860	13,530	371	11,379
1993.....	842,153	813,508	16,343	404	11,898
1994.....	848,796	817,270	18,844	404	12,279
1995.....	860,594	829,007	18,847	569	12,171
1996.....	907,209	874,681	19,719	656	12,153
1997.....	931,949	900,361	18,648	630	12,311
1998.....	946,295	910,867	23,259	440	11,728
1999.....	949,802	894,120	43,768	481	11,432
2000.....	994,933	859,335	123,378	514	11,706
2001.....	972,691	806,269	155,254	532	10,636
<b>2002</b>					
January.....	83,186	65,580	16,616	46	943
February.....	72,845	56,877	15,095	30	843
March.....	76,541	59,499	16,114	42	887
April.....	72,379	55,926	15,451	36	966
May.....	77,322	60,775	15,592	36	919
June.....	84,412	66,216	17,177	39	980
July.....	93,763	73,074	19,500	41	1,147
August.....	92,604	72,262	19,281	46	1,015
September.....	84,932	65,930	18,028	44	930
October.....	81,613	62,803	17,731	39	1,041
November.....	80,234	61,493	17,639	37	1,064
December.....	87,752	67,367	19,224	41	1,120
<b>Total.....</b>	<b>987,583</b>	<b>767,803</b>	<b>207,448</b>	<b>477</b>	<b>11,855</b>
<b>2003</b>					
January.....	92,030	70,475	20,425	48	1,082
February.....	79,659	61,252	17,414	41	952
March.....	79,600	61,138	17,444	40	978
April.....	72,784	56,547	15,266	36	934
May.....	77,505	61,206	15,329	33	937
June.....	83,468	65,572	16,925	43	929
July.....	94,233	73,453	19,712	50	1,018
August.....	95,573	73,880	20,606	51	1,036
September.....	84,466	65,886	17,665	44	871
October.....	81,518	63,207	17,350	36	925
November.....	82,392	63,665	17,781	35	910
December.....	91,078	70,137	19,872	44	1,025
<b>Total.....</b>	<b>1,014,307</b>	<b>786,418</b>	<b>215,791</b>	<b>501</b>	<b>11,596</b>
<b>2004</b>					
January.....	93,288	71,797	20,384	48	1,059
February.....	84,006	63,597	19,396	48	966
March.....	78,874	59,973	17,848	49	1,005
April.....	73,166	56,001	16,204	36	925
May.....	81,436	63,986	16,552	44	853
<b>Total.....</b>	<b>410,770</b>	<b>315,353</b>	<b>90,385</b>	<b>225</b>	<b>4,808</b>
<b>Year-to-Date</b>					
2002.....	382,273	298,658	78,868	191	4,557
2003.....	401,578	310,618	85,879	198	4,884
2004.....	410,770	315,353	90,385	225	4,808
<b>Rolling 12 Months Ending in May</b>					
2003.....	1,006,888	779,763	214,459	484	12,181
2004.....	1,023,499	791,154	220,297	528	11,520

<sup>1</sup> The electric power sector includes electricity-only plants and combined heat-and-power plants with NAICS code 22 whose primary business is to sell electricity.

<sup>2</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>3</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Values for prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data. •Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Rep

**Table 2.1.B. Coal: Consumption for Useful Thermal Output by Sector, 1990 through May 2004**  
(Thousand Tons)

Period	Total (All Sectors)	Electric Power Sector <sup>1</sup>		Commercial Sector <sup>2</sup>	Industrial Sector <sup>3</sup>
		Electric Utilities	Independent Power Producers		
1990.....	19,081	--	1,266	773	17,041
1991.....	18,458	--	1,221	826	16,412
1992.....	19,372	--	1,704	804	16,864
1993.....	19,750	--	1,794	968	16,988
1994.....	20,609	--	2,241	940	17,428
1995.....	20,418	--	2,376	850	17,192
1996.....	20,806	--	2,520	1,005	17,281
1997.....	21,005	--	2,355	1,108	17,542
1998.....	20,320	--	2,493	1,002	16,824
1999.....	20,373	--	3,033	1,009	16,330
2000.....	20,466	--	3,107	1,034	16,325
2001.....	18,951	--	2,910	919	15,122
<b>2002</b>					
January.....	1,644	--	227	81	1,336
February.....	1,391	--	173	71	1,147
March.....	1,555	--	210	82	1,263
April.....	1,396	--	183	64	1,149
May.....	1,421	--	161	69	1,191
June.....	1,366	--	172	73	1,121
July.....	1,568	--	192	85	1,292
August.....	1,430	--	209	82	1,138
September.....	1,478	--	186	73	1,219
October.....	1,446	--	181	76	1,190
November.....	1,421	--	169	80	1,172
December.....	1,446	--	192	94	1,160
<b>Total.....</b>	<b>17,561</b>	<b>--</b>	<b>2,255</b>	<b>929</b>	<b>14,377</b>
<b>2003</b>					
January.....	1,709	--	209	98	1,402
February.....	1,475	--	172	86	1,217
March.....	1,549	--	189	85	1,275
April.....	1,408	--	179	74	1,154
May.....	1,255	--	178	62	1,015
June.....	1,448	--	163	75	1,210
July.....	1,621	--	161	87	1,373
August.....	1,617	--	163	93	1,361
September.....	1,345	--	143	77	1,124
October.....	1,555	--	153	78	1,323
November.....	1,526	--	172	83	1,270
December.....	1,692	--	191	93	1,407
<b>Total.....</b>	<b>18,198</b>	<b>--</b>	<b>2,073</b>	<b>991</b>	<b>15,131</b>
<b>2004</b>					
January.....	2,015	--	205	109	1,700
February.....	1,630	--	191	100	1,339
March.....	1,551	--	184	94	1,273
April.....	1,424	--	144	77	1,203
May.....	1,315	--	172	83	1,060
<b>Total.....</b>	<b>7,935</b>	<b>--</b>	<b>896</b>	<b>463</b>	<b>6,576</b>
<b>Year-to-Date</b>					
2002.....	7,407	--	954	367	6,085
2003.....	7,395	--	926	405	6,064
2004.....	7,935	--	896	463	6,576
<b>Rolling 12 Months Ending in May</b>					
2003.....	17,549	--	2,227	966	14,356
2004.....	18,738	--	2,042	1,050	15,644

<sup>1</sup> The electric power sector includes electricity-only plants and combined heat-and-power plants with NAICS code 22 whose primary business is to sell electricity.

<sup>2</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>3</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. •Values for prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data. •Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Rep

**Table 2.1.C. Coal: Consumption for Electricity Generation and Useful Thermal Output by Sector, 1990 through May 2004**  
(Thousand Tons)

Period	Total (All Sectors)	Electric Power Sector <sup>1</sup>		Commercial Sector <sup>2</sup>	Industrial Sector <sup>3</sup>
		Electric Utilities	Independent Power Producers		
1990.....	811,538	773,549	9,018	1,191	27,781
1991.....	812,124	772,268	11,606	1,228	27,021
1992.....	824,512	779,860	15,234	1,175	28,244
1993.....	861,904	813,508	18,137	1,373	28,886
1994.....	869,405	817,270	21,085	1,344	29,707
1995.....	881,012	829,007	21,224	1,419	29,363
1996.....	928,015	874,681	22,239	1,660	29,434
1997.....	952,955	900,361	21,003	1,738	29,853
1998.....	966,615	910,867	25,752	1,443	28,553
1999.....	970,175	894,120	46,801	1,490	27,763
2000.....	1,015,398	859,335	126,486	1,547	28,031
2001.....	991,635	806,269	158,163	1,448	25,755
<b>2002</b>					
January.....	84,830	65,580	16,844	127	2,278
February.....	74,236	56,877	15,268	102	1,990
March.....	78,096	59,499	16,324	124	2,150
April.....	73,775	55,926	15,634	100	2,115
May.....	78,744	60,775	15,753	105	2,110
June.....	85,778	66,216	17,349	112	2,101
July.....	95,331	73,074	19,692	126	2,439
August.....	94,033	72,262	19,491	127	2,153
September.....	86,410	65,930	18,214	116	2,150
October.....	83,060	62,803	17,912	114	2,231
November.....	81,654	61,493	17,808	116	2,237
December.....	89,198	67,367	19,416	134	2,279
<b>Total.....</b>	<b>1,005,144</b>	<b>767,803</b>	<b>209,703</b>	<b>1,405</b>	<b>26,232</b>
<b>2003</b>					
January.....	93,739	70,475	20,634	146	2,484
February.....	81,134	61,252	17,586	127	2,169
March.....	81,148	61,138	17,632	125	2,254
April.....	74,192	56,547	15,446	110	2,089
May.....	78,760	61,206	15,508	94	1,952
June.....	84,916	65,572	17,088	118	2,139
July.....	95,854	73,453	19,872	137	2,391
August.....	97,190	73,880	20,769	144	2,397
September.....	85,811	65,886	17,808	121	1,995
October.....	83,072	63,207	17,503	114	2,247
November.....	83,918	63,666	17,954	118	2,180
December.....	92,769	70,138	20,063	137	2,431
<b>Total.....</b>	<b>1,032,503</b>	<b>786,419</b>	<b>217,863</b>	<b>1,492</b>	<b>26,728</b>
<b>2004</b>					
January.....	95,303	71,797	20,589	157	2,760
February.....	85,636	63,597	19,586	148	2,305
March.....	80,425	59,973	18,032	143	2,278
April.....	74,590	56,001	16,348	113	2,128
May.....	82,751	63,986	16,724	127	1,914
<b>Total.....</b>	<b>418,704</b>	<b>315,352</b>	<b>91,280</b>	<b>688</b>	<b>11,384</b>
<b>Year-to-Date</b>					
2002.....	389,680	298,658	79,822	558	10,643
2003.....	408,973	310,618	86,805	603	10,947
2004.....	418,704	315,352	91,280	688	11,384
<b>Rolling 12 Months Ending in May</b>					
2003.....	1,024,437	779,763	216,687	1,450	26,537
2004.....	1,042,234	791,154	222,338	1,578	27,164

<sup>1</sup> The electric power sector includes electricity-only plants and combined heat-and-power plants with NAICS code 22 whose primary business is to sell electricity.

<sup>2</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>3</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. •Values for prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data. •Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and predecessor forms.

**Table 2.2.A. Petroleum Liquids: Consumption for Electricity Generation by Sector, 1990 through May 2004**  
(Thousand Barrels)

Period	Total (All Sectors)	Electric Power Sector <sup>1</sup>		Commercial Sector <sup>2</sup>	Industrial Sector <sup>3</sup>
		Electric Utilities	Independent Power Producers		
1990.....	209,429	196,054	3,650	953	8,773
1991.....	194,723	184,886	1,056	576	8,206
1992.....	159,720	147,335	2,933	426	9,026
1993.....	176,619	162,454	3,724	668	9,772
1994.....	168,520	151,004	7,101	690	9,725
1995.....	115,802	102,150	5,253	645	7,755
1996.....	128,019	113,274	4,560	639	9,546
1997.....	139,286	125,146	6,053	784	7,304
1998.....	198,339	178,614	10,838	795	8,092
1999.....	185,111	143,830	32,479	927	7,875
2000.....	176,506	120,129	48,043	816	7,518
2001.....	197,316	126,367	62,211	991	7,746
<b>2002</b>					
January.....	9,383	6,265	2,509	66	543
February.....	7,435	4,686	2,263	63	423
March.....	11,751	7,660	3,478	55	558
April.....	11,006	8,049	2,473	48	436
May.....	11,307	8,430	2,375	50	452
June.....	10,983	7,524	2,987	56	417
July.....	14,730	8,920	5,281	70	459
August.....	14,386	8,930	4,950	72	434
September.....	11,252	7,895	2,859	62	436
October.....	11,685	7,845	3,233	59	548
November.....	8,792	5,665	2,417	91	618
December.....	11,703	6,725	4,210	134	635
<b>Total.....</b>	<b>134,415</b>	<b>88,595</b>	<b>39,035</b>	<b>826</b>	<b>5,959</b>
<b>2003</b>					
January.....	19,643	9,721	8,839	227	857
February.....	16,738	7,555	8,356	185	642
March.....	16,515	8,639	7,134	89	653
April.....	12,344	7,173	4,582	52	537
May.....	12,034	9,131	2,085	45	773
June.....	16,161	11,377	4,082	70	632
July.....	17,854	11,331	5,775	99	649
August.....	18,588	11,263	6,663	99	563
September.....	12,010	8,764	2,704	55	487
October.....	12,143	8,839	2,437	56	811
November.....	8,341	5,396	2,439	58	448
December.....	13,888	7,990	5,122	115	661
<b>Total.....</b>	<b>176,259</b>	<b>107,177</b>	<b>60,219</b>	<b>1,150</b>	<b>7,713</b>
<b>2004</b>					
January.....	22,709	9,065	12,486	206	953
February.....	12,624	7,064	4,956	85	518
March.....	13,249	7,481	5,179	78	511
April.....	12,239	7,377	4,279	75	507
May.....	14,597	9,377	4,636	65	520
<b>Total.....</b>	<b>75,418</b>	<b>40,364</b>	<b>31,536</b>	<b>509</b>	<b>3,009</b>
<b>Year-to-Date</b>					
2002.....	50,882	35,090	13,097	282	2,413
2003.....	77,274	42,219	30,996	598	3,462
2004.....	75,418	40,364	31,536	509	3,009
<b>Rolling 12 Months Ending in May</b>					
2003.....	160,807	95,724	56,934	1,141	7,008
2004.....	174,403	105,322	60,759	1,061	7,260

<sup>1</sup> The electric power sector includes electricity-only plants and combined heat-and-power plants with NAICS code 22 whose primary business is to sell electricity.

<sup>2</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>3</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. •Values for prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report," and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 2.2.B. Petroleum Liquids: Consumption for Useful Thermal Output by Sector, 1990 through May 2004**  
(Thousand Barrels)

Period	Total (All Sectors)	Electric Power Sector <sup>1</sup>		Commercial Sector <sup>2</sup>	Industrial Sector <sup>3</sup>
		Electric Utilities	Independent Power Producers		
1990.....	21,410	--	1,805	1,104	18,501
1991.....	19,156	--	1,101	761	17,294
1992.....	19,767	--	1,209	798	17,761
1993.....	21,256	--	1,390	821	19,044
1994.....	22,247	--	1,500	913	19,834
1995.....	19,386	--	1,672	580	17,134
1996.....	21,500	--	1,550	588	19,363
1997.....	18,756	--	1,611	779	16,366
1998.....	22,164	--	806	992	20,366
1999.....	19,636	--	785	666	18,184
2000.....	17,644	--	812	771	16,061
2001.....	15,069	--	655	811	13,603
<b>2002</b>					
January.....	1,132	--	28	29	1,074
February.....	861	--	20	25	815
March.....	1,045	--	18	29	997
April.....	900	--	11	33	857
May.....	999	--	19	28	952
June.....	848	--	19	28	801
July.....	961	--	22	42	897
August.....	869	--	21	39	809
September.....	907	--	20	25	862
October.....	1,019	--	27	27	965
November.....	1,227	--	26	35	1,166
December.....	1,461	--	55	43	1,363
<b>Total.....</b>	<b>12,228</b>	<b>--</b>	<b>286</b>	<b>384</b>	<b>11,558</b>
<b>2003</b>					
January.....	1,512	--	194	91	1,227
February.....	1,466	--	151	81	1,233
March.....	1,357	--	80	62	1,215
April.....	1,069	--	44	31	993
May.....	1,347	--	28	19	1,300
June.....	1,115	--	26	30	1,058
July.....	1,218	--	72	42	1,104
August.....	1,161	--	75	51	1,035
September.....	873	--	69	21	783
October.....	1,053	--	21	23	1,008
November.....	906	--	81	20	805
December.....	1,245	--	81	44	1,120
<b>Total.....</b>	<b>14,320</b>	<b>--</b>	<b>923</b>	<b>515</b>	<b>12,881</b>
<b>2004</b>					
January.....	2,071	--	135	126	1,810
February.....	1,249	--	34	98	1,117
March.....	1,119	--	23	73	1,023
April.....	927	--	10	30	887
May.....	818	--	23	33	762
<b>Total.....</b>	<b>6,183</b>	<b>--</b>	<b>225</b>	<b>359</b>	<b>5,599</b>
<b>Year-to-Date</b>					
2002.....	4,937	--	97	145	4,695
2003.....	6,749	--	497	284	5,967
2004.....	6,183	--	225	359	5,599
<b>Rolling 12 Months Ending in May</b>					
2003.....	14,040	--	687	523	12,830
2004.....	13,755	--	651	590	12,513

<sup>1</sup> The electric power sector includes electricity-only plants and combined heat-and-power plants with NAICS code 22 whose primary business is to sell electricity.

<sup>2</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>3</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. •Values for prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 2.2.C. Petroleum Liquids: Consumption for Electricity Generation and Useful Thermal Output by Sector, 1990 through May 2004**  
(Thousand Barrels)

Period	Total (All Sectors)	Electric Power Sector <sup>1</sup>		Commercial Sector <sup>2</sup>	Industrial Sector <sup>3</sup>
		Electric Utilities	Independent Power Producers		
1990.....	230,839	196,054	5,455	2,056	27,274
1991.....	213,879	184,886	2,157	1,337	25,499
1992.....	179,487	147,335	4,142	1,223	26,787
1993.....	197,874	162,454	5,115	1,489	28,816
1994.....	190,767	151,004	8,601	1,603	29,559
1995.....	135,187	102,150	6,925	1,224	24,889
1996.....	149,519	113,274	6,110	1,227	28,908
1997.....	158,042	125,146	7,664	1,562	23,670
1998.....	220,503	178,614	11,644	1,787	28,458
1999.....	204,747	143,830	33,264	1,593	26,059
2000.....	194,150	120,129	48,855	1,587	23,579
2001.....	212,279	126,367	62,788	1,801	21,323
<b>2002</b>					
January.....	10,515	6,266	2,537	95	1,618
February.....	8,296	4,686	2,284	88	1,238
March.....	12,796	7,660	3,496	85	1,555
April.....	11,906	8,049	2,483	81	1,293
May.....	12,306	8,430	2,394	78	1,404
June.....	11,830	7,524	3,005	84	1,218
July.....	15,692	8,920	5,303	112	1,356
August.....	15,255	8,930	4,971	111	1,242
September.....	12,159	7,895	2,879	87	1,297
October.....	12,704	7,845	3,260	86	1,513
November.....	10,020	5,665	2,444	126	1,784
December.....	13,164	6,725	4,264	177	1,998
<b>Total.....</b>	<b>146,643</b>	<b>88,596</b>	<b>39,320</b>	<b>1,210</b>	<b>17,517</b>
<b>2003</b>					
January.....	21,155	9,721	9,033	318	2,083
February.....	18,203	7,555	8,507	266	1,875
March.....	17,872	8,639	7,214	151	1,867
April.....	13,413	7,173	4,627	83	1,530
May.....	13,381	9,131	2,113	63	2,074
June.....	17,276	11,377	4,109	100	1,690
July.....	19,072	11,331	5,847	141	1,753
August.....	19,749	11,263	6,738	150	1,599
September.....	12,883	8,764	2,773	76	1,270
October.....	13,190	8,833	2,458	80	1,819
November.....	9,247	5,396	2,520	78	1,253
December.....	15,134	7,990	5,204	159	1,781
<b>Total.....</b>	<b>190,574</b>	<b>107,172</b>	<b>61,142</b>	<b>1,665</b>	<b>20,594</b>
<b>2004</b>					
January.....	24,780	9,064	12,621	332	2,763
February.....	13,872	7,064	4,990	183	1,636
March.....	14,367	7,481	5,201	150	1,534
April.....	13,165	7,377	4,289	105	1,394
May.....	15,415	9,377	4,659	98	1,282
<b>Total.....</b>	<b>81,600</b>	<b>40,364</b>	<b>31,760</b>	<b>868</b>	<b>8,608</b>
<b>Year-to-Date</b>					
2002.....	55,819	35,091	13,194	427	7,108
2003.....	84,023	42,219	31,494	882	9,429
2004.....	81,600	40,364	31,760	868	8,608
<b>Rolling 12 Months Ending in May</b>					
2003.....	174,847	95,724	57,620	1,665	19,838
2004.....	188,151	105,317	61,409	1,652	19,773

<sup>1</sup> The electric power sector includes electricity-only plants and combined heat-and-power plants with NAICS code 22 whose primary business is to sell electricity.

<sup>2</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>3</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. •Values for prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 2.3.A. Petroleum Coke: Consumption for Electricity Generation by Sector, 1990 through May 2004**  
(Thousand Tons)

Period	Total (All Sectors)	Electric Power Sector <sup>1</sup>		Commercial Sector <sup>2</sup>	Industrial Sector <sup>3</sup>
		Electric Utilities	Independent Power Producers		
1990.....	1,914	819	189	--	905
1991.....	1,789	722	252	--	815
1992.....	2,504	999	491	1	1,013
1993.....	3,169	1,220	1,351	1	597
1994.....	3,020	875	1,382	1	762
1995.....	3,355	761	1,691	1	902
1996.....	3,322	681	1,786	1	853
1997.....	4,086	1,400	1,801	1	884
1998.....	4,860	1,769	2,230	1	860
1999.....	4,552	1,608	2,000	1	944
2000.....	3,744	1,132	2,023	1	588
2001.....	3,871	1,418	1,890	6	557
<b>2002</b>					
January.....	524	151	280	*	93
February.....	527	150	300	*	77
March.....	569	146	330	*	93
April.....	530	133	323	*	74
May.....	590	218	296	*	77
June.....	645	224	327	*	94
July.....	600	181	306	*	113
August.....	660	211	342	*	107
September.....	616	213	295	*	109
October.....	529	168	255	*	106
November.....	498	149	256	*	93
December.....	548	181	272	*	95
<b>Total.....</b>	<b>6,836</b>	<b>2,125</b>	<b>3,580</b>	<b>2</b>	<b>1,130</b>
<b>2003</b>					
January.....	460	184	208	*	67
February.....	388	201	135	*	52
March.....	338	142	139	*	57
April.....	478	177	242	*	58
May.....	453	182	211	*	60
June.....	560	233	252	*	75
July.....	649	263	318	*	67
August.....	611	248	305	*	58
September.....	598	219	320	*	59
October.....	619	272	279	*	67
November.....	625	209	364	*	52
December.....	659	229	354	*	76
<b>Total.....</b>	<b>6,435</b>	<b>2,558</b>	<b>3,127</b>	<b>2</b>	<b>748</b>
<b>2004</b>					
January.....	666	262	351	*	52
February.....	560	228	285	*	47
March.....	569	195	325	*	48
April.....	574	175	353	*	45
May.....	605	245	316	--	44
<b>Total.....</b>	<b>2,973</b>	<b>1,105</b>	<b>1,631</b>	<b>2</b>	<b>236</b>
<b>Year-to-Date</b>					
2002.....	2,740	797	1,528	1	414
2003.....	2,116	886	934	1	295
2004.....	2,973	1,105	1,631	2	236
<b>Rolling 12 Months Ending in May</b>					
2003.....	6,213	2,213	2,986	2	1,011
2004.....	7,293	2,777	3,824	3	689

<sup>1</sup> The electric power sector includes electricity-only plants and combined heat-and-power plants with NAICS code 22 whose primary business is to sell electricity.

<sup>2</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>3</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. •Values for prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report," Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and predecessor forms.

**Table 2.3.B. Petroleum Coke: Consumption for Useful Thermal Output by Sector, 1990 through May 2004**  
(Thousand Tons)

Period	Total (All Sectors)	Electric Power Sector <sup>1</sup>		Commercial Sector <sup>2</sup>	Industrial Sector <sup>3</sup>
		Electric Utilities	Independent Power Producers		
1990.....	918	--	--	--	918
1991.....	777	--	--	--	777
1992.....	862	--	4	2	856
1993.....	1,031	--	40	4	987
1994.....	1,137	--	58	4	1,075
1995.....	1,235	--	222	3	1,010
1996.....	1,275	--	175	3	1,097
1997.....	2,009	--	171	3	1,835
1998.....	1,336	--	103	3	1,230
1999.....	1,437	--	128	3	1,307
2000.....	924	--	120	4	800
2001.....	664	--	119	--	545
<b>2002</b>					
January.....	46	--	10	1	35
February.....	39	--	9	1	29
March.....	35	--	11	1	23
April.....	45	--	8	1	36
May.....	44	--	10	1	33
June.....	48	--	12	1	35
July.....	54	--	12	*	42
August.....	48	--	9	1	39
September.....	35	--	4	*	31
October.....	42	--	7	*	35
November.....	35	--	8	1	27
December.....	46	--	11	1	34
<b>Total.....</b>	<b>517</b>	<b>--</b>	<b>111</b>	<b>6</b>	<b>399</b>
<b>2003</b>					
January.....	68	--	10	1	57
February.....	50	--	8	1	42
March.....	57	--	11	1	45
April.....	60	--	13	1	47
May.....	63	--	9	1	54
June.....	64	--	8	1	55
July.....	62	--	7	1	54
August.....	73	--	22	1	51
September.....	60	--	8	1	51
October.....	66	--	8	1	58
November.....	55	--	4	*	51
December.....	75	--	5	1	69
<b>Total.....</b>	<b>754</b>	<b>--</b>	<b>112</b>	<b>7</b>	<b>635</b>
<b>2004</b>					
January.....	56	--	14	1	40
February.....	47	--	11	1	35
March.....	53	--	22	1	30
April.....	51	--	14	1	36
May.....	48	--	8	--	40
<b>Total.....</b>	<b>255</b>	<b>--</b>	<b>70</b>	<b>3</b>	<b>181</b>
<b>Year-to-Date</b>					
2002.....	208	--	48	3	157
2003.....	299	--	50	3	246
2004.....	255	--	70	3	181
<b>Rolling 12 Months Ending in May</b>					
2003.....	608	--	113	6	488
2004.....	710	--	132	7	571

<sup>1</sup> The electric power sector includes electricity-only plants and combined heat-and-power plants with NAICS code 22 whose primary business is to sell electricity.

<sup>2</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>3</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. •Values for prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report," Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and predecessor forms.

**Table 2.3.C. Petroleum Coke: Consumption for Electricity Generation and Useful Thermal Output by Sector, 1990 through May 2004**  
(Thousand Tons)

Period	Total (All Sectors)	Electric Power Sector <sup>1</sup>		Commercial Sector <sup>2</sup>	Industrial Sector <sup>3</sup>
		Electric Utilities	Independent Power Producers		
1990.....	2,832	819	189	--	1,824
1991.....	2,566	722	252	--	1,592
1992.....	3,366	999	495	2	1,870
1993.....	4,200	1,220	1,391	5	1,583
1994.....	4,157	875	1,440	4	1,838
1995.....	4,590	761	1,913	4	1,912
1996.....	4,596	681	1,961	4	1,950
1997.....	6,095	1,400	1,972	4	2,719
1998.....	6,196	1,769	2,333	4	2,090
1999.....	5,989	1,608	2,127	4	2,251
2000.....	4,669	1,132	2,143	6	1,388
2001.....	4,532	1,418	2,009	6	1,099
<b>2002</b>					
January.....	570	151	290	1	128
February.....	566	150	309	1	106
March.....	603	146	341	1	116
April.....	575	133	331	1	110
May.....	634	218	305	1	110
June.....	693	224	339	1	129
July.....	654	181	318	1	154
August.....	709	211	350	1	146
September.....	651	213	299	1	139
October.....	572	168	262	1	141
November.....	533	149	263	1	120
December.....	594	181	283	1	129
<b>Total.....</b>	<b>7,353</b>	<b>2,125</b>	<b>3,691</b>	<b>8</b>	<b>1,529</b>
<b>2003</b>					
January.....	527	184	218	1	124
February.....	438	201	142	1	94
March.....	395	142	150	1	102
April.....	538	177	255	1	105
May.....	516	182	219	1	115
June.....	624	233	260	1	130
July.....	710	263	325	1	121
August.....	684	248	327	1	109
September.....	658	219	328	1	110
October.....	685	272	287	1	125
November.....	680	209	368	*	103
December.....	733	229	359	1	145
<b>Total.....</b>	<b>7,190</b>	<b>2,558</b>	<b>3,239</b>	<b>9</b>	<b>1,383</b>
<b>2004</b>					
January.....	721	262	366	1	92
February.....	607	228	297	1	81
March.....	622	195	347	1	79
April.....	624	175	367	1	81
May.....	653	245	324	--	84
<b>Total.....</b>	<b>3,228</b>	<b>1,105</b>	<b>1,701</b>	<b>5</b>	<b>418</b>
<b>Year-to-Date</b>					
2002.....	2,948	797	1,577	3	570
2003.....	2,415	886	985	4	541
2004.....	3,228	1,105	1,701	5	418
<b>Rolling 12 Months Ending in May</b>					
2003.....	6,820	2,213	3,099	8	1,500
2004.....	8,003	2,777	3,956	10	1,260

<sup>1</sup> The electric power sector includes electricity-only plants and combined heat-and-power plants with NAICS code 22 whose primary business is to sell electricity.

<sup>2</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>3</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. •Values for prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and predecessor forms.

**Table 2.4.A. Natural Gas: Consumption for Electricity Generation by Sector, 1990 through May 2004**  
(Thousand Mcf)

Period	Total (All Sectors)	Electric Power Sector <sup>1</sup>		Commercial Sector <sup>2</sup>	Industrial Sector <sup>3</sup>
		Electric Utilities	Independent Power Producers		
1990.....	3,691,563	2,787,332	359,957	27,544	516,729
1991.....	3,764,778	2,789,014	427,042	26,806	521,916
1992.....	3,899,718	2,765,608	559,355	32,674	542,081
1993.....	3,928,653	2,682,440	661,800	37,435	546,978
1994.....	4,367,148	2,987,146	771,337	40,828	567,836
1995.....	4,737,871	3,196,507	897,266	42,700	601,397
1996.....	4,312,458	2,732,107	927,703	42,380	610,268
1997.....	4,564,770	2,968,453	934,742	38,975	622,599
1998.....	5,081,384	3,258,054	1,157,759	40,693	624,878
1999.....	5,321,984	3,113,419	1,530,355	39,045	639,165
2000.....	5,691,481	3,043,094	1,970,977	37,029	640,381
2001.....	5,832,305	2,686,287	2,456,206	36,248	653,565
<b>2002</b>					
January.....	423,766	148,293	211,421	2,621	61,431
February.....	380,881	135,922	187,851	2,120	54,988
March.....	447,756	160,938	224,281	2,730	59,807
April.....	439,403	170,117	213,926	2,539	52,820
May.....	452,798	181,097	208,711	2,411	60,579
June.....	589,291	232,524	296,779	2,824	57,164
July.....	776,565	297,000	413,267	3,334	62,964
August.....	759,216	287,812	405,515	3,693	62,196
September.....	605,500	228,057	318,115	2,980	56,348
October.....	475,151	174,856	245,774	2,616	51,905
November.....	385,378	125,045	205,255	2,210	52,869
December.....	390,357	118,023	217,700	2,466	52,168
<b>Total.....</b>	<b>6,126,062</b>	<b>2,259,684</b>	<b>3,148,595</b>	<b>32,545</b>	<b>685,239</b>
<b>2003</b>					
January.....	407,786	131,815	210,863	3,165	61,943
February.....	364,952	115,308	193,133	2,411	54,100
March.....	390,993	128,481	203,825	2,808	55,879
April.....	365,031	133,514	178,841	2,688	49,988
May.....	416,749	160,746	204,036	3,293	48,673
June.....	451,515	170,370	223,445	3,708	53,992
July.....	646,150	236,785	350,816	3,322	55,227
August.....	696,521	250,461	383,600	3,548	58,912
September.....	467,900	163,680	252,479	2,414	49,328
October.....	432,282	136,190	237,148	2,906	56,038
November.....	374,054	125,906	190,728	2,575	54,845
December.....	365,868	116,992	189,031	2,408	57,437
<b>Total.....</b>	<b>5,379,802</b>	<b>1,870,248</b>	<b>2,817,947</b>	<b>35,244</b>	<b>656,362</b>
<b>2004</b>					
January.....	376,416	120,568	202,741	2,589	50,518
February.....	394,019	121,440	218,882	2,755	50,942
March.....	394,079	119,476	219,901	2,764	51,937
April.....	406,533	128,356	224,862	2,785	50,529
May.....	505,411	164,843	275,365	3,376	61,827
<b>Total.....</b>	<b>2,076,457</b>	<b>654,683</b>	<b>1,141,751</b>	<b>14,270</b>	<b>265,753</b>
<b>Year-to-Date</b>					
2002.....	2,144,604	796,368	1,046,189	12,422	289,625
2003.....	1,945,511	669,865	990,699	14,365	270,583
2004.....	2,076,457	654,683	1,141,751	14,270	265,753
<b>Rolling 12 Months Ending in May</b>					
2003.....	5,926,970	2,133,181	3,093,105	34,488	666,197
2004.....	5,510,748	1,855,067	2,968,999	35,150	651,532

<sup>1</sup> The electric power sector includes electricity-only plants and combined heat-and-power plants with NAICS code 22 whose primary business is to sell electricity.

<sup>2</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>3</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. •Values for prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Natural gas, including a small amount of supplemental gaseous fuels.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 2.4.B. Natural Gas: Consumption for Useful Thermal Output by Sector, 1990 through May 2004**  
(Thousand Mcf)

Period	Total (All Sectors)	Electric Power Sector <sup>1</sup>		Commercial Sector <sup>2</sup>	Industrial Sector <sup>3</sup>
		Electric Utilities	Independent Power Producers		
1990.....	654,749	--	97,330	18,913	538,506
1991.....	663,963	--	99,868	25,295	538,800
1992.....	718,068	--	122,908	29,672	565,487
1993.....	734,180	--	128,743	27,738	577,699
1994.....	785,884	--	144,062	31,457	610,365
1995.....	836,414	--	142,753	34,964	658,697
1996.....	865,774	--	147,091	40,075	678,608
1997.....	868,734	--	161,608	47,941	659,186
1998.....	949,106	--	172,471	46,527	730,108
1999.....	982,958	--	175,757	44,991	762,210
2000.....	985,263	--	192,253	47,844	745,165
2001.....	898,530	--	200,038	42,413	656,079
<b>2002</b>					
January.....	77,676	--	21,720	3,498	52,458
February.....	68,341	--	20,470	2,991	44,880
March.....	71,879	--	21,298	3,498	47,083
April.....	68,105	--	20,340	3,224	44,541
May.....	69,916	--	20,300	3,070	46,547
June.....	70,359	--	21,638	3,466	45,255
July.....	75,420	--	23,620	4,076	47,724
August.....	74,137	--	24,265	4,125	45,747
September.....	70,649	--	22,528	3,572	44,549
October.....	70,494	--	21,727	3,241	45,526
November.....	68,971	--	21,312	3,134	44,525
December.....	74,076	--	24,400	3,543	46,133
<b>Total.....</b>	<b>860,024</b>	--	<b>263,619</b>	<b>41,435</b>	<b>554,970</b>
<b>2003</b>					
January.....	71,818	--	24,374	3,323	44,121
February.....	62,048	--	20,360	2,728	38,960
March.....	65,758	--	20,726	2,812	42,220
April.....	60,351	--	20,557	2,397	37,397
May.....	55,212	--	16,316	2,645	36,251
June.....	58,861	--	17,382	2,837	38,642
July.....	68,605	--	21,054	3,888	43,664
August.....	69,098	--	20,025	4,106	44,967
September.....	54,237	--	18,126	2,769	33,342
October.....	63,015	--	18,211	2,870	41,869
November.....	63,477	--	21,095	2,651	39,701
December.....	66,995	--	23,374	2,709	40,847
<b>Total.....</b>	<b>759,476</b>	--	<b>241,599</b>	<b>35,736</b>	<b>481,981</b>
<b>2004</b>					
January.....	60,352	--	18,646	3,093	38,613
February.....	60,030	--	15,563	3,213	41,253
March.....	58,268	--	15,834	2,924	39,510
April.....	58,409	--	15,852	2,719	39,838
May.....	61,703	--	16,352	2,704	42,648
<b>Total.....</b>	<b>298,762</b>	--	<b>82,247</b>	<b>14,653</b>	<b>201,862</b>
<b>Year-to-Date</b>					
2002.....	355,918	--	104,128	16,280	235,510
2003.....	315,187	--	102,332	13,907	198,949
2004.....	298,762	--	82,247	14,653	201,862
<b>Rolling 12 Months Ending in May</b>					
2003.....	819,293	--	261,822	39,062	518,409
2004.....	743,051	--	221,515	36,482	484,894

<sup>1</sup> The electric power sector includes electricity-only plants and combined heat-and-power plants with NAICS code 22 whose primary business is to sell electricity.

<sup>2</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>3</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. •Values for prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Natural gas, including a small amount of supplemental gaseous fuels.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 2.4.C. Natural Gas: Consumption for Electricity Generation and Useful Thermal Output by Sector, 1990 through May 2004**  
(Thousand Mcf)

Period	Total (All Sectors)	Electric Power Sector <sup>1</sup>		Commercial Sector <sup>2</sup>	Industrial Sector <sup>3</sup>
		Electric Utilities	Independent Power Producers		
1990.....	4,346,311	2,787,332	457,287	46,458	1,055,235
1991.....	4,428,742	2,789,014	526,910	52,101	1,060,716
1992.....	4,617,786	2,765,608	682,263	62,346	1,107,569
1993.....	4,662,832	2,682,440	790,543	65,173	1,124,677
1994.....	5,153,032	2,987,146	915,399	72,285	1,178,202
1995.....	5,574,285	3,196,507	1,040,018	77,664	1,260,094
1996.....	5,178,232	2,732,107	1,074,794	82,455	1,288,876
1997.....	5,433,503	2,968,453	1,096,350	86,915	1,281,785
1998.....	6,030,490	3,258,054	1,330,230	87,220	1,354,986
1999.....	6,304,942	3,113,419	1,706,112	84,037	1,401,374
2000.....	6,676,744	3,043,094	2,163,230	84,874	1,385,546
2001.....	6,730,591	2,686,287	2,656,014	78,655	1,309,636
<b>2002</b>					
January.....	501,442	148,293	233,141	6,119	113,889
February.....	449,223	135,922	208,321	5,111	99,869
March.....	519,635	160,938	245,578	6,228	106,890
April.....	507,508	170,117	234,267	5,763	97,361
May.....	522,715	181,097	229,011	5,481	107,125
June.....	659,650	232,524	318,417	6,289	102,419
July.....	851,986	297,000	436,887	7,409	110,689
August.....	833,353	287,812	429,780	7,818	107,943
September.....	676,148	228,057	340,643	6,552	100,897
October.....	545,645	174,856	267,501	5,857	97,431
November.....	454,349	125,045	226,567	5,344	97,393
December.....	464,434	118,023	242,100	6,009	98,302
<b>Total.....</b>	<b>6,986,087</b>	<b>2,259,684</b>	<b>3,412,213</b>	<b>73,980</b>	<b>1,240,209</b>
<b>2003</b>					
January.....	479,604	131,815	235,237	6,489	106,063
February.....	427,001	115,308	213,493	5,139	93,060
March.....	456,751	128,481	224,551	5,620	98,099
April.....	425,382	133,514	199,398	5,085	87,385
May.....	471,961	160,746	220,352	5,938	84,924
June.....	510,375	170,370	240,827	6,545	92,634
July.....	714,755	236,785	371,869	7,210	98,891
August.....	765,619	250,461	403,626	7,654	103,878
September.....	522,137	163,680	270,605	5,182	82,670
October.....	495,155	136,236	255,237	5,776	97,906
November.....	437,414	125,896	211,748	5,226	94,544
December.....	432,774	117,038	212,335	5,117	98,284
<b>Total.....</b>	<b>6,138,929</b>	<b>1,870,330</b>	<b>3,059,280</b>	<b>70,980</b>	<b>1,138,339</b>
<b>2004</b>					
January.....	436,627	120,507	221,310	5,682	89,129
February.....	453,944	121,440	234,354	5,969	92,182
March.....	452,258	119,476	235,654	5,688	91,439
April.....	464,827	128,356	240,602	5,504	90,365
May.....	566,995	164,843	291,613	6,080	104,459
<b>Total.....</b>	<b>2,374,652</b>	<b>654,622</b>	<b>1,223,532</b>	<b>28,923</b>	<b>467,574</b>
<b>Year-to-Date</b>					
2002.....	2,500,522	796,368	1,150,318	28,701	525,135
2003.....	2,260,698	669,865	1,093,031	28,271	469,532
2004.....	2,374,652	654,622	1,223,532	28,923	467,574
<b>Rolling 12 Months Ending in May</b>					
2003.....	6,746,263	2,133,181	3,354,927	73,550	1,184,606
2004.....	6,252,883	1,855,088	3,189,781	71,632	1,136,381

<sup>1</sup> The electric power sector includes electricity-only plants and combined heat-and-power plants with NAICS code 22 whose primary business is to sell electricity.

<sup>2</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>3</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906 and Form EIA-920. •Values for prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Natural gas, including a small amount of supplemental gaseous fuels.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 2.5.A. Consumption of Coal for Electricity Generation by State by Sector, May 2004 and 2003**  
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities		Independent Power Producers					
	May 2004	May 2003	Percent Change	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	<b>543</b>	<b>633</b>	<b>-14.2</b>	<b>103</b>	<b>82</b>	<b>429</b>	<b>531</b>	--	--	NM	NM
Connecticut.....	151	169	-11.1	--	--	151	169	--	--	--	--
Maine.....	16	24	-32.3	--	--	7	5	--	--	10	19
Massachusetts.....	273	358	-23.6	--	--	272	357	--	--	NM	NM
New Hampshire.....	103	82	25.3	103	82	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>5,013</b>	<b>4,496</b>	<b>11.5</b>	<b>765</b>	<b>673</b>	<b>4,152</b>	<b>3,740</b>	<b>*</b>	<b>1</b>	<b>96</b>	<b>82</b>
New Jersey.....	237	156	52.2	61	19	177	137	--	--	--	--
New York.....	753	659	14.3	60	46	673	593	*	1	20	19
Pennsylvania.....	4,023	3,681	9.3	645	608	3,301	3,010	*	*	77	63
<b>East North Central.....</b>	<b>18,024</b>	<b>17,153</b>	<b>5.1</b>	<b>14,250</b>	<b>14,094</b>	<b>3,657</b>	<b>2,953</b>	<b>17</b>	<b>17</b>	<b>100</b>	<b>89</b>
Illinois.....	4,231	3,537	19.6	965	855	3,245	2,655	1	1	19	26
Indiana.....	4,542	4,583	-9	4,245	4,454	286	121	8	6	NM	NM
Michigan.....	2,641	2,641	.0	2,587	2,600	21	12	7	9	NM	NM
Ohio.....	4,662	4,545	2.6	4,547	4,373	103	164	--	*	NM	NM
Wisconsin.....	1,947	1,846	5.5	1,906	1,813	NM	NM	1	1	39	32
<b>West North Central.....</b>	<b>11,213</b>	<b>11,075</b>	<b>1.3</b>	<b>11,051</b>	<b>10,857</b>	<b>72</b>	<b>4</b>	<b>12</b>	<b>3</b>	<b>78</b>	<b>210</b>
Iowa.....	1,453	1,560	-6.9	1,428	1,538	NM	NM	3	2	NM	NM
Kansas.....	1,906	1,734	10.0	1,906	1,734	--	--	--	--	--	--
Minnesota.....	1,467	1,824	-19.6	1,358	1,646	67	--	--	--	NM	NM
Missouri.....	3,507	3,266	7.4	3,492	3,260	--	--	9	*	NM	NM
Nebraska.....	764	728	4.9	762	726	--	--	--	--	NM	NM
North Dakota.....	1,902	1,772	7.3	1,891	1,762	--	--	--	--	NM	NM
South Dakota.....	215	191	12.5	215	191	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>14,500</b>	<b>13,205</b>	<b>9.8</b>	<b>11,910</b>	<b>10,978</b>	<b>2,384</b>	<b>2,061</b>	<b>2</b>	<b>2</b>	<b>204</b>	<b>164</b>
Delaware.....	144	86	67.6	--	--	142	84	--	--	NM	NM
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	2,290	2,274	.7	2,099	2,054	168	196	--	--	23	23
Georgia.....	3,469	2,771	25.2	3,418	2,738	--	--	--	--	50	33
Maryland.....	818	620	31.9	--	--	809	609	--	--	9	11
North Carolina.....	2,685	2,136	25.7	2,491	1,981	141	123	2	2	50	30
South Carolina.....	1,288	1,119	15.1	1,266	1,101	--	--	--	--	21	18
Virginia.....	1,156	1,089	6.2	898	876	237	189	--	--	22	24
West Virginia.....	2,650	3,110	-14.8	1,737	2,228	887	859	--	--	26	23
<b>East South Central.....</b>	<b>9,340</b>	<b>8,425</b>	<b>10.9</b>	<b>8,616</b>	<b>7,755</b>	<b>651</b>	<b>600</b>	<b>1</b>	<b>1</b>	<b>71</b>	<b>69</b>
Alabama.....	3,060	2,925	4.6	3,033	2,895	6	10	--	--	21	20
Kentucky.....	3,283	2,935	11.9	2,976	2,640	307	294	--	--	--	--
Mississippi.....	880	1,082	-18.6	542	786	339	295	--	--	*	*
Tennessee.....	2,117	1,484	42.6	2,066	1,434	--	--	1	1	50	49
<b>West South Central.....</b>	<b>13,145</b>	<b>12,697</b>	<b>3.5</b>	<b>8,822</b>	<b>8,551</b>	<b>4,077</b>	<b>3,896</b>	<b>--</b>	<b>--</b>	<b>246</b>	<b>251</b>
Arkansas.....	1,097	983	11.5	1,094	974	--	--	--	--	3	10
Louisiana.....	1,510	1,345	12.3	816	670	692	674	--	--	1	1
Oklahoma.....	1,393	1,766	-21.1	1,290	1,690	76	55	--	--	27	20
Texas.....	9,145	8,604	6.3	5,622	5,217	3,308	3,167	--	--	214	220
<b>Mountain.....</b>	<b>9,206</b>	<b>9,068</b>	<b>1.5</b>	<b>8,450</b>	<b>8,186</b>	<b>728</b>	<b>846</b>	<b>--</b>	<b>--</b>	<b>28</b>	<b>36</b>
Arizona.....	1,647	1,552	6.1	1,629	1,537	--	--	--	--	17	15
Colorado.....	1,577	1,567	.7	1,563	1,555	14	12	--	--	--	--
Idaho.....	NM	NM	--	--	--	--	--	--	--	NM	NM
Montana.....	688	775	-11.2	NM	NM	664	745	--	--	--	--
Nevada.....	677	354	90.9	677	354	--	--	--	--	--	--
New Mexico.....	1,438	1,495	-3.8	1,438	1,495	--	--	--	--	--	--
Utah.....	1,455	1,427	2.0	1,401	1,378	50	45	--	--	NM	NM
Wyoming.....	1,721	1,896	-9.2	1,718	1,836	--	45	--	--	4	15
<b>Pacific Contiguous.....</b>	<b>341</b>	<b>645</b>	<b>-47.1</b>	<b>--</b>	<b>12</b>	<b>322</b>	<b>617</b>	<b>--</b>	<b>*</b>	<b>19</b>	<b>15</b>
California.....	83	70	17.6	--	--	64	56	--	--	19	14
Oregon.....	NM	NM	--	--	12	--	--	--	--	NM	NM
Washington.....	258	562	-54.1	--	--	258	561	--	*	*	1
<b>Pacific Noncontiguous..</b>	<b>110</b>	<b>108</b>	<b>1.5</b>	<b>18</b>	<b>18</b>	<b>81</b>	<b>80</b>	<b>11</b>	<b>9</b>	<b>--</b>	<b>2</b>
Alaska.....	44	47	-6.0	18	18	NM	NM	11	9	--	--
Hawaii.....	66	62	7.2	--	--	66	60	--	--	--	2
<b>U.S. Total.....</b>	<b>81,436</b>	<b>77,505</b>	<b>5.1</b>	<b>63,986</b>	<b>61,206</b>	<b>16,552</b>	<b>15,329</b>	<b>44</b>	<b>33</b>	<b>853</b>	<b>937</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 2.5.B. Consumption of Coal for Electricity Generation by State by Sector, Year-to-Date through May 2004 and 2003**  
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>3,351</b>	<b>3,472</b>	<b>-3.5</b>	<b>593</b>	<b>556</b>	<b>2,709</b>	<b>2,807</b>	--	--	<b>50</b>	<b>109</b>
Connecticut.....	869	855	1.6	--	--	869	855	--	--	--	--
Maine.....	84	127	-33.5	--	--	40	24	--	--	44	103
Massachusetts.....	1,806	1,934	-6.6	--	--	1,800	1,928	--	--	NM	NM
New Hampshire.....	593	556	6.6	593	556	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>27,960</b>	<b>26,123</b>	<b>7.0</b>	<b>3,745</b>	<b>3,070</b>	<b>23,724</b>	<b>22,616</b>	<b>4</b>	<b>5</b>	<b>487</b>	<b>432</b>
New Jersey.....	1,604	1,440	11.4	352	290	1,252	1,150	--	--	--	--
New York.....	4,209	4,046	4.0	295	289	3,813	3,652	3	5	98	100
Pennsylvania.....	22,148	20,638	7.3	3,098	2,491	18,660	17,814	NM	NM	388	331
<b>East North Central.....</b>	<b>92,614</b>	<b>90,135</b>	<b>2.8</b>	<b>72,381</b>	<b>71,916</b>	<b>19,255</b>	<b>17,305</b>	<b>83</b>	<b>81</b>	<b>896</b>	<b>834</b>
Illinois.....	22,267	20,600	8.1	4,694	4,468	17,177	15,686	5	6	392	440
Indiana.....	23,631	23,405	1.0	22,086	22,685	1,492	673	37	31	NM	NM
Michigan.....	13,943	13,603	2.5	13,641	13,354	86	73	36	37	179	139
Ohio.....	22,740	22,934	-8	22,165	22,014	496	870	--	1	79	50
Wisconsin.....	10,033	9,593	4.6	9,795	9,393	NM	NM	5	7	229	190
<b>West North Central.....</b>	<b>59,658</b>	<b>60,057</b>	<b>-7</b>	<b>58,604</b>	<b>59,057</b>	<b>413</b>	<b>27</b>	<b>53</b>	<b>36</b>	<b>588</b>	<b>937</b>
Iowa.....	8,810	9,135	-3.6	8,523	8,913	NM	NM	16	15	243	180
Kansas.....	8,883	8,938	-6	8,883	8,938	--	--	--	--	--	--
Minnesota.....	8,006	8,617	-7.1	7,383	7,965	385	--	--	--	238	652
Missouri.....	17,866	17,185	4.0	17,796	17,133	--	--	37	21	NM	NM
Nebraska.....	4,879	4,910	-6	4,869	4,899	--	--	--	--	NM	NM
North Dakota.....	10,161	10,365	-2.0	10,096	10,302	--	--	--	--	NM	NM
South Dakota.....	1,054	907	16.1	1,054	907	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>70,960</b>	<b>68,127</b>	<b>4.2</b>	<b>56,765</b>	<b>54,285</b>	<b>13,191</b>	<b>13,034</b>	<b>12</b>	<b>11</b>	<b>992</b>	<b>797</b>
Delaware.....	876	803	9.1	--	--	864	791	--	--	NM	NM
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	10,201	9,995	2.1	9,231	9,166	894	784	--	--	76	44
Georgia.....	14,931	13,017	14.7	14,667	12,832	--	--	--	--	264	184
Maryland.....	4,904	4,849	1.1	--	--	4,857	4,790	--	--	47	60
North Carolina.....	13,290	11,976	11.0	12,417	11,183	657	619	12	11	204	163
South Carolina.....	6,285	5,755	9.2	6,173	5,651	--	--	--	--	112	104
Virginia.....	5,778	6,017	-4.0	4,317	4,667	1,313	1,234	--	--	149	116
West Virginia.....	14,694	15,715	-6.5	9,960	10,785	4,607	4,816	--	--	127	113
<b>East South Central.....</b>	<b>43,333</b>	<b>42,493</b>	<b>2.0</b>	<b>39,952</b>	<b>39,598</b>	<b>2,983</b>	<b>2,519</b>	<b>10</b>	<b>9</b>	<b>388</b>	<b>367</b>
Alabama.....	13,010	13,610	-4.4	12,863	13,444	35	45	--	--	112	121
Kentucky.....	16,064	16,036	.2	14,591	14,387	1,472	1,649	--	--	--	--
Mississippi.....	3,939	3,871	1.8	2,462	3,044	1,476	825	--	--	1	2
Tennessee.....	10,320	8,976	15.0	10,036	8,723	--	--	10	9	275	244
<b>West South Central.....</b>	<b>61,416</b>	<b>60,506</b>	<b>1.5</b>	<b>40,371</b>	<b>39,950</b>	<b>19,900</b>	<b>19,413</b>	<b>--</b>	<b>--</b>	<b>1,145</b>	<b>1,142</b>
Arkansas.....	5,595	4,724	18.4	5,581	4,685	--	--	--	--	14	39
Louisiana.....	6,110	5,991	2.0	3,021	2,789	3,082	3,187	--	--	7	16
Oklahoma.....	7,735	8,938	-13.5	7,244	8,450	364	373	--	--	127	115
Texas.....	41,976	40,852	2.8	24,526	24,026	16,455	15,854	--	--	996	972
<b>Mountain.....</b>	<b>46,786</b>	<b>45,864</b>	<b>2.0</b>	<b>41,938</b>	<b>41,230</b>	<b>4,698</b>	<b>4,443</b>	<b>--</b>	<b>--</b>	<b>150</b>	<b>191</b>
Arizona.....	8,115	7,443	9.0	8,024	7,378	--	--	--	--	90	64
Colorado.....	7,797	7,777	.3	7,733	7,719	63	58	--	--	--	--
Idaho.....	NM	NM	--	--	--	--	--	--	--	NM	NM
Montana.....	4,518	4,146	9.0	117	129	4,401	4,017	--	--	--	--
Nevada.....	3,190	2,613	22.1	3,190	2,613	--	--	--	--	--	--
New Mexico.....	6,311	6,824	-7.5	6,311	6,824	--	--	--	--	--	--
Utah.....	6,583	6,499	1.3	6,328	6,275	234	204	--	--	21	19
Wyoming.....	10,256	10,545	-2.7	10,235	10,291	--	163	--	--	21	90
<b>Pacific Contiguous.....</b>	<b>4,158</b>	<b>4,243</b>	<b>-2.0</b>	<b>919</b>	<b>875</b>	<b>3,124</b>	<b>3,298</b>	<b>NM</b>	<b>NM</b>	<b>113</b>	<b>67</b>
California.....	456	359	26.9	--	--	348	300	--	--	108	60
Oregon.....	922	878	5.0	919	875	--	--	--	--	NM	NM
Washington.....	2,780	3,006	-7.5	--	--	2,776	2,999	NM	NM	3	5
<b>Pacific Noncontiguous..</b>	<b>535</b>	<b>558</b>	<b>-4.3</b>	<b>85</b>	<b>80</b>	<b>388</b>	<b>416</b>	<b>61</b>	<b>53</b>	<b>--</b>	<b>9</b>
Alaska.....	229	259	-11.6	85	80	82	125	61	53	--	--
Hawaii.....	306	300	2.1	--	--	306	291	--	--	--	9
<b>U.S. Total.....</b>	<b>410,770</b>	<b>401,578</b>	<b>2.3</b>	<b>315,353</b>	<b>310,618</b>	<b>90,385</b>	<b>85,879</b>	<b>225</b>	<b>198</b>	<b>4,808</b>	<b>4,884</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 2.6.A. Consumption of Petroleum Liquids for Electricity Generation by State by Sector, May 2004 and 2003**  
(Thousand Barrels)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities		Independent Power Producers					
	May 2004	May 2003	Percent Change	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	<b>1,355</b>	<b>946</b>	<b>43.2</b>	<b>386</b>	<b>333</b>	<b>822</b>	<b>499</b>	<b>NM</b>	<b>NM</b>	<b>104</b>	<b>82</b>
Connecticut.....	91	29	213.4	NM	NM	86	26	NM	NM	NM	NM
Maine.....	170	135	25.7	--	--	93	71	NM	NM	75	64
Massachusetts.....	699	434	61.1	10	12	641	384	26	24	NM	NM
New Hampshire.....	380	340	11.9	372	316	NM	NM	NM	NM	NM	NM
Rhode Island.....	NM	NM	--	NM	NM	NM	NM	NM	NM	NM	NM
Vermont.....	NM	NM	--	NM	NM	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>3,453</b>	<b>2,043</b>	<b>69.0</b>	<b>1,059</b>	<b>1,010</b>	<b>2,332</b>	<b>773</b>	<b>NM</b>	<b>NM</b>	<b>46</b>	<b>254</b>
New Jersey.....	296	247	19.9	31	4	252	18	NM	NM	NM	NM
New York.....	2,396	1,593	50.4	1,026	1,001	1,331	564	NM	NM	23	24
Pennsylvania.....	760	203	274.0	2	5	748	192	NM	NM	NM	NM
<b>East North Central.....</b>	<b>282</b>	<b>214</b>	<b>32.0</b>	<b>237</b>	<b>185</b>	<b>29</b>	<b>18</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>
Illinois.....	21	23	-12.4	5	9	16	14	NM	NM	NM	NM
Indiana.....	31	36	-14.3	29	35	NM	NM	NM	NM	2	1
Michigan.....	135	68	97.7	133	67	NM	NM	NM	NM	NM	NM
Ohio.....	73	74	-1.2	57	71	13	2	NM	NM	4	1
Wisconsin.....	NM	NM	--	12	4	NM	NM	--	1	NM	NM
<b>West North Central.....</b>	<b>188</b>	<b>131</b>	<b>43.8</b>	<b>186</b>	<b>121</b>	<b>1</b>	<b>7</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>
Iowa.....	20	9	121.2	20	9	NM	NM	NM	NM	NM	NM
Kansas.....	139	69	100.8	139	69	--	--	--	--	NM	NM
Minnesota.....	8	24	-67.0	7	15	*	7	NM	NM	NM	NM
Missouri.....	12	17	-30.8	12	17	--	--	NM	NM	NM	NM
Nebraska.....	NM	NM	--	NM	NM	--	--	*	*	--	--
North Dakota.....	6	6	5.9	6	5	--	--	--	--	*	1
South Dakota.....	NM	NM	--	NM	NM	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>6,985</b>	<b>6,177</b>	<b>13.1</b>	<b>5,554</b>	<b>5,509</b>	<b>1,197</b>	<b>496</b>	<b>NM</b>	<b>NM</b>	<b>234</b>	<b>170</b>
Delaware.....	78	38	103.5	NM	NM	34	6	--	--	NM	NM
District of Columbia.....	12	6	84.1	--	--	12	6	--	--	--	--
Florida.....	4,296	5,162	-16.8	4,034	4,799	179	335	--	--	84	28
Georgia.....	59	144	-58.9	30	90	NM	NM	NM	NM	29	51
Maryland.....	935	115	715.3	NM	NM	929	107	*	*	NM	NM
North Carolina.....	177	133	32.7	128	97	NM	NM	NM	NM	48	34
South Carolina.....	80	60	34.4	49	36	--	--	NM	NM	31	23
Virginia.....	1,311	481	172.9	1,256	438	41	31	NM	NM	15	10
West Virginia.....	37	38	-4.9	35	32	2	7	--	--	NM	NM
<b>East South Central.....</b>	<b>319</b>	<b>254</b>	<b>25.6</b>	<b>274</b>	<b>189</b>	<b>9</b>	<b>21</b>	<b>NM</b>	<b>NM</b>	<b>36</b>	<b>44</b>
Alabama.....	48	123	-61.1	18	79	NM	NM	--	--	30	34
Kentucky.....	22	28	-20.0	13	17	9	10	--	--	--	--
Mississippi.....	217	29	646.0	213	23	--	--	NM	NM	4	6
Tennessee.....	32	74	-57.3	30	70	--	--	--	--	NM	NM
<b>West South Central.....</b>	<b>625</b>	<b>782</b>	<b>-20.1</b>	<b>485</b>	<b>711</b>	<b>88</b>	<b>40</b>	<b>NM</b>	<b>NM</b>	<b>51</b>	<b>31</b>
Arkansas.....	NM	NM	--	NM	NM	--	--	--	--	9	1
Louisiana.....	451	299	50.8	439	287	3	5	--	--	9	7
Oklahoma.....	8	10	-24.2	4	3	--	--	--	*	4	7
Texas.....	124	467	-73.4	10	416	85	35	NM	NM	28	16
<b>Mountain.....</b>	<b>35</b>	<b>51</b>	<b>-32.3</b>	<b>28</b>	<b>44</b>	<b>4</b>	<b>5</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>
Arizona.....	5	13	-60.2	5	13	--	--	NM	NM	NM	NM
Colorado.....	NM	NM	--	4	2	NM	NM	--	--	NM	NM
Idaho.....	NM	NM	--	NM	NM	--	--	--	--	--	--
Montana.....	4	4	3.1	NM	NM	4	4	--	--	--	--
Nevada.....	5	5	2.9	5	5	--	--	--	--	--	--
New Mexico.....	NM	NM	--	1	7	NM	NM	--	--	NM	NM
Utah.....	6	8	-28.6	6	8	NM	NM	--	--	--	--
Wyoming.....	8	9	-12.6	8	9	--	--	--	--	1	*
<b>Pacific Contiguous.....</b>	<b>32</b>	<b>182</b>	<b>-82.4</b>	<b>18</b>	<b>20</b>	<b>11</b>	<b>7</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>
California.....	27	171	-84.3	18	15	8	4	*	*	NM	NM
Oregon.....	NM	NM	--	--	5	--	--	NM	NM	--	--
Washington.....	NM	NM	--	NM	NM	3	3	--	*	NM	NM
<b>Pacific Noncontiguous..</b>	<b>1,324</b>	<b>1,253</b>	<b>5.6</b>	<b>1,150</b>	<b>1,008</b>	<b>143</b>	<b>219</b>	<b>3</b>	<b>1</b>	<b>28</b>	<b>26</b>
Alaska.....	86	116	-25.4	77	107	--	*	3	1	NM	NM
Hawaii.....	1,237	1,138	8.8	1,073	901	143	218	--	--	21	18
<b>U.S. Total.....</b>	<b>14,597</b>	<b>12,034</b>	<b>21.3</b>	<b>9,377</b>	<b>9,131</b>	<b>4,636</b>	<b>2,085</b>	<b>65</b>	<b>45</b>	<b>520</b>	<b>773</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 2.6.B. Consumption of Petroleum Liquids for Electricity Generation by State by Sector, Year-to-Date through May 2004 and 2003**  
(Thousand Barrels)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>11,182</b>	<b>11,374</b>	<b>-1.7</b>	<b>1,944</b>	<b>1,808</b>	<b>8,120</b>	<b>8,558</b>	<b>383</b>	<b>278</b>	<b>735</b>	<b>731</b>
Connecticut.....	1,525	1,980	-23.0	NM	NM	1,480	1,933	NM	NM	NM	NM
Maine.....	1,532	1,927	-20.5	--	--	1,027	1,436	NM	NM	498	487
Massachusetts.....	6,389	5,698	12.1	363	218	5,606	5,163	238	133	NM	NM
New Hampshire.....	1,622	1,631	-6	1,559	1,539	NM	NM	NM	NM	NM	NM
Rhode Island.....	NM	NM	--	NM	NM	NM	NM	NM	NM	NM	NM
Vermont.....	NM	NM	--	NM	NM	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>22,497</b>	<b>19,396</b>	<b>16.0</b>	<b>6,775</b>	<b>7,059</b>	<b>15,331</b>	<b>11,650</b>	<b>85</b>	<b>81</b>	<b>306</b>	<b>605</b>
New Jersey.....	1,635	2,174	-24.8	108	182	1,436	1,619	NM	NM	88	370
New York.....	16,976	13,032	30.3	6,645	6,857	10,103	5,956	78	71	150	148
Pennsylvania.....	3,886	4,189	-7.2	23	20	3,792	4,076	NM	NM	NM	NM
<b>East North Central.....</b>	<b>2,514</b>	<b>3,013</b>	<b>-16.6</b>	<b>1,298</b>	<b>1,367</b>	<b>1,085</b>	<b>1,474</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>
Illinois.....	1,083	1,496	-27.6	29	42	1,053	1,450	NM	NM	NM	NM
Indiana.....	143	258	-44.5	134	189	NM	NM	1	2	9	61
Michigan.....	778	667	16.6	736	651	NM	NM	NM	NM	NM	NM
Ohio.....	358	456	-21.5	320	426	NM	NM	NM	NM	10	13
Wisconsin.....	NM	NM	--	79	60	NM	NM	*	11	NM	NM
<b>West North Central.....</b>	<b>1,123</b>	<b>1,064</b>	<b>5.6</b>	<b>1,087</b>	<b>1,007</b>	<b>11</b>	<b>21</b>	<b>21</b>	<b>17</b>	<b>NM</b>	<b>NM</b>
Iowa.....	74	74	-1	72	68	NM	NM	NM	NM	NM	NM
Kansas.....	817	584	40.0	817	583	--	--	--	--	NM	NM
Minnesota.....	70	135	-48.2	39	101	8	17	20	11	NM	NM
Missouri.....	87	149	-41.7	86	147	--	--	NM	NM	NM	NM
Nebraska.....	NM	NM	--	NM	NM	--	--	1	3	--	--
North Dakota.....	31	45	-32.6	29	35	--	--	--	--	1	11
South Dakota.....	24	16	50.2	24	16	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>27,453</b>	<b>30,802</b>	<b>-10.9</b>	<b>20,531</b>	<b>22,216</b>	<b>5,709</b>	<b>7,408</b>	<b>NM</b>	<b>NM</b>	<b>1,210</b>	<b>1,000</b>
Delaware.....	1,046	1,406	-25.6	NM	NM	709	1,221	--	--	NM	NM
District of Columbia.....	67	106	-36.6	--	--	67	106	--	--	--	--
Florida.....	16,051	18,638	-13.9	15,159	17,331	621	1,172	--	--	271	135
Georgia.....	367	732	-49.9	163	305	NM	NM	NM	NM	199	279
Maryland.....	3,753	3,430	9.4	NM	NM	3,720	3,391	NM	NM	NM	NM
North Carolina.....	647	1,074	-39.8	307	636	27	171	NM	NM	313	265
South Carolina.....	424	435	-2.5	250	277	22	21	NM	NM	152	136
Virginia.....	4,848	4,748	2.1	4,290	3,395	510	1,135	NM	NM	47	48
West Virginia.....	249	232	7.3	214	175	29	45	--	--	NM	NM
<b>East South Central.....</b>	<b>2,247</b>	<b>1,516</b>	<b>48.2</b>	<b>2,048</b>	<b>1,222</b>	<b>34</b>	<b>62</b>	<b>NM</b>	<b>NM</b>	<b>164</b>	<b>228</b>
Alabama.....	210	408	-48.6	77	226	2	11	--	--	131	171
Kentucky.....	107	195	-45.2	75	148	32	47	--	--	--	--
Mississippi.....	1,790	471	280.2	1,774	442	--	--	NM	NM	16	25
Tennessee.....	140	441	-68.3	122	406	--	4	--	--	18	32
<b>West South Central.....</b>	<b>1,559</b>	<b>3,402</b>	<b>-54.2</b>	<b>1,176</b>	<b>2,218</b>	<b>155</b>	<b>970</b>	<b>NM</b>	<b>NM</b>	<b>226</b>	<b>210</b>
Arkansas.....	NM	NM	--	NM	NM	--	--	--	--	31	8
Louisiana.....	1,034	1,036	-2	976	964	12	21	--	--	47	52
Oklahoma.....	40	210	-80.9	18	176	--	--	--	1	22	33
Texas.....	340	1,969	-82.7	69	900	144	950	NM	NM	126	117
<b>Mountain.....</b>	<b>316</b>	<b>239</b>	<b>32.3</b>	<b>300</b>	<b>201</b>	<b>9</b>	<b>19</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>
Arizona.....	32	38	-15.3	32	36	--	--	NM	NM	NM	NM
Colorado.....	20	39	-47.5	17	21	NM	NM	--	--	NM	NM
Idaho.....	NM	NM	--	NM	NM	--	--	--	--	--	--
Montana.....	6	14	-56.3	NM	NM	5	11	--	--	--	--
Nevada.....	153	19	699.2	153	19	--	--	--	--	--	--
New Mexico.....	27	43	-38.1	22	40	NM	NM	--	--	NM	NM
Utah.....	36	49	-26.5	36	49	NM	NM	--	--	--	--
Wyoming.....	42	37	13.3	40	34	--	--	--	--	NM	NM
<b>Pacific Contiguous.....</b>	<b>281</b>	<b>435</b>	<b>-35.4</b>	<b>91</b>	<b>127</b>	<b>116</b>	<b>31</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>
California.....	194	300	-35.3	60	43	108	26	1	1	25	231
Oregon.....	28	81	-65.8	22	78	--	--	NM	NM	NM	NM
Washington.....	NM	NM	--	9	7	8	5	--	*	NM	NM
<b>Pacific Noncontiguous..</b>	<b>6,248</b>	<b>6,034</b>	<b>3.5</b>	<b>5,113</b>	<b>4,992</b>	<b>966</b>	<b>802</b>	<b>11</b>	<b>15</b>	<b>158</b>	<b>225</b>
Alaska.....	569	671	-15.2	506	558	3	6	11	15	50	92
Hawaii.....	5,679	5,363	5.9	4,608	4,434	963	796	--	--	107	133
<b>U.S. Total.....</b>	<b>75,418</b>	<b>77,274</b>	<b>-2.4</b>	<b>40,364</b>	<b>42,219</b>	<b>31,536</b>	<b>30,996</b>	<b>509</b>	<b>598</b>	<b>3,009</b>	<b>3,462</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 2.7.A. Consumption of Petroleum Coke for Electricity Generation by State by Sector, May 2004 and 2003**  
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities		Independent Power Producers					
	May 2004	May 2003	Percent Change	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	--	--	--	--	--	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--	--	--	--	--	--
Maine.....	--	--	--	--	--	--	--	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>18</b>	<b>17</b>	<b>2.0</b>	--	--	<b>9</b>	<b>12</b>	--	--	<b>9</b>	<b>5</b>
New Jersey.....	--	--	--	--	--	--	--	--	--	--	--
New York.....	4	2	129.3	--	--	4	2	--	--	--	--
Pennsylvania.....	13	15	-13.2	--	--	5	11	--	--	9	5
<b>East North Central.....</b>	<b>29</b>	<b>22</b>	<b>34.4</b>	<b>21</b>	<b>16</b>	--	--	--	--	<b>8</b>	<b>6</b>
Illinois.....	NM	NM	--	--	--	--	--	--	--	NM	NM
Indiana.....	16	10	52.8	16	10	--	--	--	--	--	--
Michigan.....	--	1	--	--	1	--	--	--	--	--	--
Ohio.....	--	--	--	--	--	--	--	--	--	--	--
Wisconsin.....	13	9	37.7	5	4	--	--	--	--	8	5
<b>West North Central.....</b>	<b>12</b>	<b>26</b>	<b>-53.8</b>	<b>12</b>	<b>25</b>	--	--	--	*	--	--
Iowa.....	--	*	--	--	--	--	--	--	*	--	--
Kansas.....	--	--	--	--	--	--	--	--	--	--	--
Minnesota.....	12	25	-53.5	12	25	--	--	--	--	--	--
Missouri.....	--	--	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>227</b>	<b>172</b>	<b>32.1</b>	<b>212</b>	<b>139</b>	--	--	--	--	<b>15</b>	<b>33</b>
Delaware.....	NM	NM	--	--	--	--	--	--	--	NM	NM
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	212	139	53.1	212	139	--	--	--	--	--	--
Georgia.....	14	17	-18.1	--	--	--	--	--	--	14	17
Maryland.....	--	--	--	--	--	--	--	--	--	--	--
North Carolina.....	--	--	--	--	--	--	--	--	--	--	--
South Carolina.....	--	--	--	--	--	--	--	--	--	--	--
Virginia.....	--	--	--	--	--	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
<b>East South Central.....</b>	<b>121</b>	<b>88</b>	<b>37.6</b>	--	<b>2</b>	<b>121</b>	<b>87</b>	--	--	--	--
Alabama.....	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	121	88	37.6	--	2	121	87	--	--	--	--
Mississippi.....	--	--	--	--	--	--	--	--	--	--	--
Tennessee.....	--	--	--	--	--	--	--	--	--	--	--
<b>West South Central.....</b>	<b>112</b>	<b>50</b>	<b>125.3</b>	--	--	<b>109</b>	<b>45</b>	--	--	<b>2</b>	<b>5</b>
Arkansas.....	--	--	--	--	--	--	--	--	--	--	--
Louisiana.....	69	45	54.4	--	--	69	45	--	--	--	--
Oklahoma.....	--	--	--	--	--	--	--	--	--	--	--
Texas.....	43	5	786.0	--	--	40	--	--	--	2	5
<b>Mountain.....</b>	<b>24</b>	<b>21</b>	<b>15.3</b>	--	--	<b>24</b>	<b>21</b>	--	--	--	--
Arizona.....	--	--	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	24	21	15.3	--	--	24	21	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>63</b>	<b>58</b>	<b>7.4</b>	--	--	<b>53</b>	<b>47</b>	--	--	<b>10</b>	<b>12</b>
California.....	63	58	7.4	--	--	53	47	--	--	10	12
Oregon.....	--	--	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Noncontiguous..</b>	--	--	--	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>605</b>	<b>453</b>	<b>33.5</b>	<b>245</b>	<b>182</b>	<b>316</b>	<b>211</b>	--	*	<b>44</b>	<b>60</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 2.7.B. Consumption of Petroleum Coke for Electricity Generation by State by Sector, Year-to-Date through May 2004 and 2003**  
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	--	--	--	--	--	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--	--	--	--	--	--
Maine.....	--	--	--	--	--	--	--	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>115</b>	<b>102</b>	<b>12.6</b>	--	--	<b>81</b>	<b>73</b>	--	--	<b>34</b>	<b>29</b>
New Jersey.....	--	--	--	--	--	--	--	--	--	--	--
New York.....	19	11	78.8	--	--	19	11	--	--	--	--
Pennsylvania.....	96	92	5.0	--	--	62	62	--	--	34	29
<b>East North Central.....</b>	<b>128</b>	<b>97</b>	<b>32.1</b>	<b>87</b>	<b>63</b>	--	--	--	--	<b>41</b>	<b>35</b>
Illinois.....	NM	NM	--	--	--	--	--	--	--	NM	NM
Indiana.....	65	30	119.8	65	30	--	--	--	--	--	--
Michigan.....	*	7	-97.6	*	7	--	--	--	--	--	--
Ohio.....	--	--	--	--	--	--	--	--	--	--	--
Wisconsin.....	60	57	4.7	22	25	--	--	--	--	38	32
<b>West North Central.....</b>	<b>82</b>	<b>99</b>	<b>-17.5</b>	<b>80</b>	<b>98</b>	--	--	<b>2</b>	<b>1</b>	--	--
Iowa.....	2	1	79.5	--	--	--	--	2	1	--	--
Kansas.....	--	--	--	--	--	--	--	--	--	--	--
Minnesota.....	80	98	-18.4	80	98	--	--	--	--	--	--
Missouri.....	--	--	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>1,040</b>	<b>806</b>	<b>29.1</b>	<b>938</b>	<b>695</b>	--	--	--	--	<b>102</b>	<b>110</b>
Delaware.....	8	17	-54.7	--	--	--	--	--	--	8	17
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	938	695	34.8	938	695	--	--	--	--	--	--
Georgia.....	95	93	1.5	--	--	--	--	--	--	95	93
Maryland.....	--	--	--	--	--	--	--	--	--	--	--
North Carolina.....	--	--	--	--	--	--	--	--	--	--	--
South Carolina.....	--	--	--	--	--	--	--	--	--	--	--
Virginia.....	--	--	--	--	--	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
<b>East South Central.....</b>	<b>724</b>	<b>223</b>	<b>224.3</b>	--	<b>7</b>	<b>724</b>	<b>217</b>	--	--	--	--
Alabama.....	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	724	223	224.3	--	7	724	217	--	--	--	--
Mississippi.....	--	--	--	--	--	--	--	--	--	--	--
Tennessee.....	--	--	--	--	--	--	--	--	--	--	--
<b>West South Central.....</b>	<b>486</b>	<b>379</b>	<b>28.0</b>	--	<b>23</b>	<b>472</b>	<b>303</b>	--	--	<b>14</b>	<b>54</b>
Arkansas.....	--	--	--	--	--	--	--	--	--	--	--
Louisiana.....	282	245	15.1	--	--	282	245	--	--	--	--
Oklahoma.....	--	--	--	--	--	--	--	--	--	--	--
Texas.....	203	134	51.5	--	23	190	58	--	--	14	54
<b>Mountain.....</b>	<b>117</b>	<b>94</b>	<b>24.7</b>	--	--	<b>117</b>	<b>94</b>	--	--	--	--
Arizona.....	--	--	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	117	94	24.7	--	--	117	94	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>282</b>	<b>315</b>	<b>-10.6</b>	--	--	<b>237</b>	<b>248</b>	--	--	<b>45</b>	<b>67</b>
California.....	282	315	-10.6	--	--	237	248	--	--	45	67
Oregon.....	--	--	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Noncontiguous..</b>	--	--	--	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>2,973</b>	<b>2,116</b>	<b>40.5</b>	<b>1,105</b>	<b>886</b>	<b>1,631</b>	<b>934</b>	<b>2</b>	<b>1</b>	<b>236</b>	<b>295</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 2.8.A. Consumption of Natural Gas for Electricity Generation by State by Sector, May 2004 and 2003**  
(Thousand Mcf)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities		Independent Power Producers					
	May 2004	May 2003	Percent Change	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	<b>29,286</b>	<b>22,246</b>	<b>31.6</b>	<b>268</b>	<b>15</b>	<b>27,043</b>	<b>20,395</b>	<b>428</b>	<b>180</b>	<b>1,547</b>	<b>1,656</b>
Connecticut.....	5,979	3,319	80.1	--	--	5,794	3,184	NM	NM	NM	NM
Maine.....	6,411	4,785	34.0	--	--	5,251	3,449	NM	NM	1,160	1,335
Massachusetts.....	13,030	12,245	6.4	266	12	12,197	11,914	397	157	NM	NM
New Hampshire.....	NM	NM	--	NM	NM	--	--	--	--	NM	NM
Rhode Island.....	3,806	1,852	105.5	--	--	3,801	1,848	NM	NM	--	--
Vermont.....	2	3	-46.3	2	3	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>44,954</b>	<b>27,861</b>	<b>61.4</b>	<b>7,078</b>	<b>7,524</b>	<b>35,521</b>	<b>18,285</b>	<b>453</b>	<b>292</b>	<b>1,903</b>	<b>1,760</b>
New Jersey.....	14,621	8,407	73.9	NM	NM	13,745	7,681	NM	NM	692	616
New York.....	20,421	17,006	20.1	7,022	7,508	12,427	8,694	NM	NM	776	714
Pennsylvania.....	9,912	2,448	304.9	NM	NM	9,349	1,911	NM	NM	NM	NM
<b>East North Central.....</b>	<b>21,516</b>	<b>13,019</b>	<b>65.3</b>	<b>4,292</b>	<b>3,089</b>	<b>15,645</b>	<b>9,042</b>	<b>459</b>	<b>125</b>	<b>1,120</b>	<b>762</b>
Illinois.....	3,839	1,548	148.0	NM	NM	2,849	1,116	369	82	NM	NM
Indiana.....	2,998	2,885	3.9	1,628	1,543	1,137	1,197	NM	NM	NM	NM
Michigan.....	10,530	6,701	57.1	1,097	669	9,207	5,835	NM	NM	NM	NM
Ohio.....	2,330	647	259.9	529	203	1,735	400	NM	NM	NM	NM
Wisconsin.....	1,819	1,238	47.0	863	525	718	494	73	27	NM	NM
<b>West North Central.....</b>	<b>7,281</b>	<b>3,639</b>	<b>100.1</b>	<b>4,750</b>	<b>2,530</b>	<b>1,769</b>	<b>674</b>	<b>111</b>	<b>143</b>	<b>NM</b>	<b>NM</b>
Iowa.....	NM	NM	--	NM	NM	--	--	NM	NM	NM	NM
Kansas.....	1,042	945	10.2	1,017	922	--	--	NM	NM	NM	NM
Minnesota.....	1,746	747	133.6	869	254	436	294	75	118	365	82
Missouri.....	3,130	1,289	142.8	1,788	904	1,332	380	3	*	NM	NM
Nebraska.....	615	200	207.9	599	193	NM	NM	13	5	NM	NM
North Dakota.....	6	1	323.5	NM	NM	--	--	--	--	6	1
South Dakota.....	NM	NM	--	NM	NM	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>78,282</b>	<b>60,966</b>	<b>28.4</b>	<b>54,811</b>	<b>46,716</b>	<b>21,720</b>	<b>13,178</b>	<b>NM</b>	<b>NM</b>	<b>1,671</b>	<b>1,025</b>
Delaware.....	1,672	356	369.5	NM	NM	1,653	341	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	49,660	50,938	-2.5	44,093	44,038	4,717	6,474	NM	NM	771	394
Georgia.....	8,754	2,816	210.9	2,957	697	5,477	1,790	--	--	NM	NM
Maryland.....	1,324	1,327	-2	NM	NM	1,278	1,293	--	--	NM	NM
North Carolina.....	6,600	3,155	109.2	3,081	503	3,508	2,633	1	2	NM	NM
South Carolina.....	3,720	1,211	207.1	2,256	1,110	1,456	89	NM	NM	6	10
Virginia.....	6,027	1,022	489.5	2,401	349	3,401	468	--	11	224	195
West Virginia.....	526	141	271.9	3	4	230	90	--	--	NM	NM
<b>East South Central.....</b>	<b>22,563</b>	<b>15,053</b>	<b>49.9</b>	<b>11,024</b>	<b>11,272</b>	<b>9,206</b>	<b>1,824</b>	<b>113</b>	<b>26</b>	<b>2,220</b>	<b>1,932</b>
Alabama.....	11,649	5,783	101.4	5,321	3,869	4,861	736	--	--	1,467	1,178
Kentucky.....	642	407	57.6	442	259	34	43	--	*	NM	NM
Mississippi.....	9,865	8,694	13.5	5,123	7,117	4,292	1,045	34	11	NM	NM
Tennessee.....	408	168	142.0	137	27	19	--	79	15	NM	NM
<b>West South Central.....</b>	<b>192,922</b>	<b>200,401</b>	<b>-3.7</b>	<b>55,007</b>	<b>66,744</b>	<b>94,270</b>	<b>100,102</b>	<b>498</b>	<b>1,406</b>	<b>43,147</b>	<b>32,149</b>
Arkansas.....	1,577	2,731	-42.2	559	399	850	2,068	NM	NM	166	262
Louisiana.....	36,991	30,241	22.3	10,927	14,467	6,244	4,260	--	1,007	19,820	10,508
Oklahoma.....	20,821	14,415	44.4	14,336	11,792	6,048	2,203	NM	NM	426	399
Texas.....	133,532	153,015	-12.7	29,185	40,085	81,128	91,572	484	376	22,735	20,982
<b>Mountain.....</b>	<b>36,690</b>	<b>26,604</b>	<b>37.9</b>	<b>15,142</b>	<b>14,633</b>	<b>20,955</b>	<b>11,099</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>	<b>NM</b>
Arizona.....	16,681	8,698	91.8	4,048	3,281	12,624	5,408	NM	NM	NM	NM
Colorado.....	6,723	5,999	12.1	3,222	3,635	3,432	2,254	23	65	NM	NM
Idaho.....	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Montana.....	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Nevada.....	7,994	6,869	16.4	3,559	3,872	4,435	2,997	--	--	--	--
New Mexico.....	3,485	3,151	10.6	3,008	2,682	NM	NM	NM	NM	NM	NM
Utah.....	1,222	1,265	-3.4	1,064	1,072	--	36	NM	NM	NM	NM
Wyoming.....	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
<b>Pacific Contiguous.....</b>	<b>67,876</b>	<b>43,479</b>	<b>56.1</b>	<b>9,343</b>	<b>5,610</b>	<b>49,236</b>	<b>29,435</b>	<b>1,159</b>	<b>960</b>	<b>8,138</b>	<b>7,474</b>
California.....	59,128	40,645	45.5	7,421	5,234	42,814	27,383	1,142	925	7,751	7,103
Oregon.....	5,108	1,928	164.9	1,259	90	3,479	1,525	NM	NM	366	309
Washington.....	3,639	905	302.0	NM	NM	2,943	527	NM	NM	22	62
<b>Pacific Noncontiguous..</b>	<b>4,042</b>	<b>3,482</b>	<b>16.1</b>	<b>3,130</b>	<b>2,615</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>912</b>	<b>867</b>
Alaska.....	4,042	3,482	16.1	3,130	2,615	--	--	--	--	912	867
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>505,411</b>	<b>416,749</b>	<b>21.3</b>	<b>164,843</b>	<b>160,746</b>	<b>275,365</b>	<b>204,036</b>	<b>3,376</b>	<b>3,293</b>	<b>61,827</b>	<b>48,673</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Natural gas, including a small amount of supplemental gaseous fuels.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table 2.8.B. Consumption of Natural Gas for Electricity Generation by State by Sector, Year-to-Date through May 2004 and 2003**  
(Thousand Mcf)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>133,916</b>	<b>109,665</b>	<b>22.1</b>	<b>458</b>	<b>101</b>	<b>124,458</b>	<b>100,086</b>	<b>1,451</b>	<b>997</b>	<b>7,549</b>	<b>8,481</b>
Connecticut.....	20,906	15,954	31.0	--	--	20,116	15,182	NM	NM	NM	NM
Maine.....	31,818	27,009	17.8	--	--	25,919	19,902	NM	NM	5,899	7,107
Massachusetts.....	66,550	52,515	26.7	450	93	64,057	51,087	1,317	865	NM	NM
New Hampshire.....	NM	NM	--	NM	NM	--	--	--	--	NM	NM
Rhode Island.....	14,387	13,937	3.2	--	--	14,366	13,915	NM	NM	--	--
Vermont.....	8	8	-6.1	8	8	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>158,619</b>	<b>138,216</b>	<b>14.8</b>	<b>20,599</b>	<b>27,467</b>	<b>127,531</b>	<b>99,296</b>	<b>2,337</b>	<b>1,773</b>	<b>8,152</b>	<b>9,681</b>
New Jersey.....	49,031	40,582	20.8	NM	NM	45,353	35,716	NM	NM	2,953	4,228
New York.....	80,897	86,223	-6.2	20,424	27,364	56,170	55,112	1,009	630	3,294	3,117
Pennsylvania.....	28,690	11,411	151.4	NM	NM	26,007	8,469	771	598	1,905	2,336
<b>East North Central.....</b>	<b>89,060</b>	<b>77,206</b>	<b>15.4</b>	<b>15,979</b>	<b>18,931</b>	<b>65,661</b>	<b>51,033</b>	<b>2,083</b>	<b>837</b>	<b>5,336</b>	<b>6,404</b>
Illinois.....	13,568	13,496	.5	768	999	9,298	9,675	1,586	468	1,915	2,353
Indiana.....	12,999	9,731	33.6	5,418	4,882	6,456	3,854	31	26	1,093	968
Michigan.....	48,638	40,328	20.6	3,294	6,051	44,084	32,632	NM	NM	1,222	1,499
Ohio.....	5,101	3,763	35.5	1,903	1,215	2,953	2,298	NM	NM	NM	NM
Wisconsin.....	8,754	9,888	-11.5	4,595	5,785	2,870	2,574	426	151	863	1,378
<b>West North Central.....</b>	<b>25,025</b>	<b>21,828</b>	<b>14.6</b>	<b>17,597</b>	<b>14,038</b>	<b>4,782</b>	<b>3,841</b>	<b>703</b>	<b>840</b>	<b>1,943</b>	<b>3,108</b>
Iowa.....	2,480	2,620	-5.3	1,711	1,430	--	--	NM	NM	NM	NM
Kansas.....	3,801	5,377	-29.3	3,687	4,295	--	--	NM	NM	NM	NM
Minnesota.....	8,557	5,942	44.0	4,872	2,344	2,043	2,022	519	671	1,124	905
Missouri.....	8,539	6,806	25.5	5,764	4,935	2,736	1,816	11	28	NM	NM
Nebraska.....	1,393	901	54.5	1,331	862	NM	NM	49	26	NM	NM
North Dakota.....	22	8	170.1	NM	NM	--	--	--	--	22	8
South Dakota.....	233	173	35.0	233	173	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>278,915</b>	<b>244,683</b>	<b>14.0</b>	<b>209,273</b>	<b>182,247</b>	<b>61,073</b>	<b>55,483</b>	<b>293</b>	<b>549</b>	<b>8,276</b>	<b>6,404</b>
Delaware.....	4,731	3,059	54.6	NM	NM	4,672	2,962	--	--	--	*
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	198,950	193,059	3.1	180,698	167,440	14,565	23,093	283	161	3,404	2,365
Georgia.....	24,912	13,388	86.1	5,851	1,774	17,017	9,776	--	--	2,043	1,838
Maryland.....	3,270	3,623	-9.7	NM	NM	3,072	3,429	--	--	NM	NM
North Carolina.....	16,254	11,589	40.3	5,930	2,777	10,277	8,687	1	12	NM	NM
South Carolina.....	9,052	6,543	38.3	6,518	5,716	2,497	772	NM	NM	NM	NM
Virginia.....	19,342	12,365	56.4	10,201	4,424	8,232	6,367	--	368	909	1,206
West Virginia.....	2,404	1,057	127.3	15	17	740	396	--	--	1,648	644
<b>East South Central.....</b>	<b>92,103</b>	<b>88,562</b>	<b>4.0</b>	<b>52,370</b>	<b>66,783</b>	<b>29,040</b>	<b>10,635</b>	<b>434</b>	<b>234</b>	<b>10,259</b>	<b>10,909</b>
Alabama.....	52,369	35,934	45.7	27,531	24,980	17,936	4,850	--	--	6,902	6,104
Kentucky.....	2,697	2,155	25.1	1,931	1,218	NM	NM	--	97	NM	NM
Mississippi.....	35,437	47,627	-25.6	22,476	38,745	10,878	5,371	138	53	1,945	3,459
Tennessee.....	1,600	2,846	-43.8	433	1,841	NM	NM	297	84	760	733
<b>West South Central.....</b>	<b>801,456</b>	<b>837,196</b>	<b>-4.3</b>	<b>214,753</b>	<b>240,549</b>	<b>401,246</b>	<b>412,425</b>	<b>1,899</b>	<b>4,320</b>	<b>183,558</b>	<b>179,902</b>
Arkansas.....	9,421	12,528	-24.8	1,589	1,943	7,256	9,085	NM	NM	565	1,489
Louisiana.....	156,153	143,100	9.1	47,504	59,592	26,963	19,060	52	2,774	81,634	61,673
Oklahoma.....	77,731	60,073	29.4	49,553	48,069	25,952	9,798	NM	NM	2,172	2,104
Texas.....	558,151	621,495	-10.2	116,106	130,945	341,075	374,483	1,783	1,432	99,186	114,636
<b>Mountain.....</b>	<b>149,455</b>	<b>125,325</b>	<b>19.3</b>	<b>61,746</b>	<b>64,346</b>	<b>84,750</b>	<b>56,728</b>	<b>450</b>	<b>572</b>	<b>2,510</b>	<b>3,680</b>
Arizona.....	61,549	40,935	50.4	17,144	13,175	44,365	27,709	NM	NM	NM	NM
Colorado.....	30,772	26,865	14.5	13,512	16,401	16,841	9,913	219	326	NM	NM
Idaho.....	1,058	1,270	-16.7	NM	NM	NM	NM	--	--	393	750
Montana.....	NM	NM	--	NM	NM	NM	NM	--	--	NM	NM
Nevada.....	37,134	34,079	9.0	15,617	17,306	21,517	16,773	--	--	--	--
New Mexico.....	13,627	12,904	5.6	11,534	10,738	1,128	1,255	NM	NM	NM	NM
Utah.....	3,846	6,657	-42.2	3,139	5,817	--	55	NM	NM	NM	NM
Wyoming.....	1,397	2,514	-44.4	548	761	NM	NM	--	--	NM	NM
<b>Pacific Contiguous.....</b>	<b>328,316</b>	<b>284,323</b>	<b>15.5</b>	<b>46,415</b>	<b>41,107</b>	<b>243,210</b>	<b>201,172</b>	<b>4,620</b>	<b>4,243</b>	<b>34,071</b>	<b>37,801</b>
California.....	272,621	244,427	11.5	33,965	33,116	201,298	171,483	4,541	4,047	32,817	35,781
Oregon.....	32,847	23,054	42.5	5,301	3,346	26,403	18,086	NM	NM	1,121	1,600
Washington.....	22,847	16,842	35.7	7,149	4,644	15,509	11,603	NM	NM	132	420
<b>Pacific Noncontiguous..</b>	<b>19,594</b>	<b>18,506</b>	<b>5.9</b>	<b>15,493</b>	<b>14,295</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>4,101</b>	<b>4,212</b>
Alaska.....	19,594	18,506	5.9	15,493	14,295	--	--	--	--	4,101	4,212
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>2,076,457</b>	<b>1,945,511</b>	<b>6.7</b>	<b>654,683</b>	<b>669,865</b>	<b>1,141,751</b>	<b>990,699</b>	<b>14,270</b>	<b>14,365</b>	<b>265,753</b>	<b>270,583</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

NM = Not meaningful due to large relative standard error or excessive percentage change.

\* = 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: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •Natural gas, including a small amount of supplemental gaseous fuels.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

## Chapter 3. Fossil-Fuel Stocks for Electricity Generation

**Table 3.1. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, 1990 through May 2004**

Period	Electric Power Sector <sup>1</sup>			Electric Utilities			Independent Power Producers		
	Coal (Thousand Tons) <sup>2</sup>	Petroleum Liquids (Thousand Barrels) <sup>3</sup>	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons) <sup>2</sup>	Petroleum Liquids (Thousand Barrels) <sup>3</sup>	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons) <sup>2</sup>	Petroleum Liquids (Thousand Barrels) <sup>3</sup>	Petroleum Coke (Thousand Tons)
1990.....	156,166	83,501	94	156,166	83,501	94	--	--	--
1991.....	157,876	74,993	70	157,876	74,993	70	--	--	--
1992.....	154,130	71,849	67	154,130	71,849	67	--	--	--
1993.....	111,341	62,445	89	111,341	62,445	89	--	--	--
1994.....	126,897	62,988	69	126,897	62,988	69	--	--	--
1995.....	126,304	50,495	65	126,304	50,495	65	--	--	--
1996.....	114,623	47,690	91	114,623	47,690	91	--	--	--
1997.....	98,826	48,792	469	98,826	48,792	469	--	--	--
1998.....	120,501	53,794	559	120,501	53,794	559	--	--	--
1999.....	141,604	52,251	372	129,041	44,392	355	12,563	7,859	16
2000.....	102,296	39,875	211	90,115	29,570	186	12,180	10,306	25
2001.....	138,496	55,080	390	117,147	35,807	300	21,349	19,273	90
<b>2002</b>									
January.....	139,400	54,293	798	114,160	32,146	323	25,240	22,147	475
February.....	143,151	51,794	912	117,236	30,993	340	25,915	20,801	572
March.....	146,443	48,087	1,082	120,400	28,210	390	26,043	19,878	693
April.....	153,375	46,965	1,144	124,658	28,314	418	28,717	18,650	725
May.....	155,313	47,303	1,149	126,637	29,134	348	28,676	18,169	801
June.....	152,134	49,162	1,206	123,590	29,911	314	28,543	19,251	892
July.....	142,634	44,883	1,208	115,972	28,130	227	26,662	16,753	980
August.....	137,130	43,855	1,393	111,923	28,327	307	25,207	15,527	1,086
September.....	135,962	40,577	1,508	110,993	25,814	358	24,969	14,763	1,150
October.....	140,800	41,495	1,667	115,168	26,544	422	25,633	14,951	1,245
November.....	144,608	43,198	1,714	118,674	27,867	344	25,934	15,332	1,370
December.....	141,714	43,935	1,711	116,952	29,601	328	24,761	14,334	1,383
<b>2003</b>									
January.....	135,771	36,302	350	113,149	25,345	287	22,622	10,956	63
February.....	128,828	35,184	306	105,537	24,889	228	23,291	10,295	78
March.....	131,162	40,810	315	107,941	24,913	244	23,222	15,897	71
April.....	138,895	38,088	1,519	113,077	27,337	348	25,818	10,751	1,171
May.....	143,884	41,830	1,702	115,634	27,583	369	28,250	14,247	1,333
June.....	142,325	39,873	1,675	115,375	26,865	395	26,950	13,008	1,280
July.....	132,964	41,599	1,672	108,393	27,339	365	24,571	14,259	1,306
August.....	125,725	40,529	1,638	101,549	26,781	362	24,175	13,748	1,276
September.....	122,425	45,304	1,601	99,741	27,384	383	22,684	17,921	1,218
October.....	126,002	47,045	1,514	104,350	27,375	286	21,652	19,670	1,228
November.....	126,200	43,475	1,585	104,055	29,051	393	22,145	14,423	1,192
December.....	121,371	45,216	1,455	100,434	27,165	376	20,937	18,050	1,078
<b>2004</b>									
January.....	114,537	42,625	1,286	96,062	28,677	289	18,475	13,948	996
February.....	110,145	44,149	1,235	92,262	29,274	343	17,884	14,874	892
March.....	113,310	42,664	1,254	94,801	28,546	497	18,509	14,118	757
April.....	121,440	41,897	1,026	101,583	27,675	435	19,856	14,222	590
May.....	124,232	43,046	987	102,654	27,168	436	21,578	15,879	551

<sup>1</sup> The electric power sector comprises electricity only and combined-heat-and-power plants with the NAICS 22 category whose primary business is to sell electricity or electricity and heat to the public.

<sup>2</sup> Anthracite, bituminous coal, subbituminous coal, and lignite.

<sup>3</sup> Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Notes: •See Glossary for definitions. •Prior to 2002 values represent December end-of-month stocks. For 2002 forward values represent end-of-month stocks. •Values for 2003 and 2004 are estimates based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Values for 2002 and prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and predecessor forms.

**Table 3.2. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, by State, May 2004**

Census Division and State	Coal (Thousand tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand tons)		
	May 2004	May 2003	Percent Change	May 2004	May 2003	Percent Change	May 2004	May 2003	Percent Change
<b>New England</b> .....	<b>1,045</b>	<b>1,523</b>	<b>-31.4</b>	<b>3,443</b>	<b>3,275</b>	<b>5.1</b>	--	--	--
Connecticut, Maine, New Hampshire, Rhode Island, Vermont <sup>1</sup> .....	471	936	-49.6	2,285	2,211	3.3	--	--	--
Massachusetts.....	573	587	-2.3	1,159	1,063	9.0	--	--	--
<b>Middle Atlantic</b> .....	<b>5,124</b>	<b>7,365</b>	<b>-30.4</b>	<b>9,516</b>	<b>8,880</b>	<b>7.2</b>	<b>9</b>	<b>9</b>	<b>-4.0</b>
New Jersey.....	447	920	-51.4	1,537	745	106.3	--	--	--
New York.....	757	969	-21.8	5,684	5,702	-3	7	9	-19.5
Pennsylvania.....	3,920	5,476	-28.4	2,295	2,433	-5.7	2	1	183.8
<b>East North Central</b> .....	<b>33,528</b>	<b>38,846</b>	<b>-13.7</b>	<b>3,366</b>	<b>2,893</b>	<b>16.4</b>	<b>44</b>	<b>28</b>	<b>53.5</b>
Illinois.....	7,566	10,623	-28.8	716	1,070	-33.0	--	--	--
Indiana.....	9,164	9,652	-5.1	167	156	7.3	38	19	98.6
Michigan.....	6,128	7,920	-22.6	1,046	1,015	3.1	--	--	--
Ohio.....	6,387	6,288	1.6	483	391	23.3	--	--	--
Wisconsin.....	4,283	4,363	-1.8	954	261	265.9	6	9	-40.1
<b>West North Central</b> .....	<b>21,435</b>	<b>23,286</b>	<b>-8.0</b>	<b>2,154</b>	<b>1,750</b>	<b>23.1</b>	<b>8</b>	<b>17</b>	<b>-52.9</b>
Iowa.....	3,631	4,109	-11.6	117	92	27.6	--	--	--
Kansas.....	3,824	5,174	-26.1	661	771	-14.3	--	--	--
Minnesota.....	2,652	2,164	22.6	613	236	159.9	2	17	-85.7
Missouri.....	6,775	7,348	-7.8	382	310	23.3	6	--	--
Nebraska.....	2,635	2,714	-2.9	255	214	19.3	--	--	--
North Dakota, South Dakota <sup>1</sup> .....	1,918	1,777	8.0	126	127	-1.2	--	--	--
<b>South Atlantic</b> .....	<b>20,164</b>	<b>23,792</b>	<b>-15.2</b>	<b>14,715</b>	<b>15,660</b>	<b>-6.0</b>	<b>384</b>	<b>324</b>	<b>18.6</b>
Delaware, District of Columbia, Maryland <sup>1</sup> .....	1,363	1,848	-26.3	2,181	2,205	-1.1	--	--	--
Florida.....	3,919	4,258	-8.0	7,905	8,982	-12.0	384	324	18.6
Georgia.....	4,593	2,891	58.9	707	779	-9.2	--	--	--
North Carolina.....	2,933	5,129	-42.8	808	807	.1	--	--	--
South Carolina.....	1,372	3,044	-54.9	725	736	-1.5	--	--	--
Virginia.....	1,726	2,008	-14.1	2,231	2,032	9.8	--	--	--
West Virginia.....	4,259	4,613	-7.7	158	119	32.2	--	--	--
<b>East South Central</b> .....	<b>11,645</b>	<b>13,705</b>	<b>-15.0</b>	<b>1,962</b>	<b>1,925</b>	<b>1.9</b>	<b>485</b>	<b>1,284</b>	<b>-62.2</b>
Alabama.....	2,952	2,789	5.9	217	94	130.9	--	--	--
Kentucky.....	5,935	6,961	-14.7	195	215	-9.0	485	1,284	-62.2
Mississippi.....	719	1,104	-34.9	970	982	-1.2	--	--	--
Tennessee.....	2,038	2,851	-28.5	579	635	-8.8	--	--	--
<b>West South Central</b> .....	<b>18,108</b>	<b>21,205</b>	<b>-14.6</b>	<b>3,693</b>	<b>3,411</b>	<b>8.3</b>	<b>19</b>	<b>23</b>	<b>-16.4</b>
Arkansas.....	1,965	2,577	-23.8	155	158	-1.8	--	--	--
Louisiana.....	2,332	3,438	-32.2	1,264	1,129	12.0	19	23	-16.4
Oklahoma.....	3,575	4,171	-14.3	483	415	16.4	--	--	--
Texas.....	10,236	11,018	-7.1	1,791	1,710	4.7	--	--	--
<b>Mountain</b> .....	<b>11,798</b>	<b>12,812</b>	<b>-7.9</b>	<b>927</b>	<b>1,121</b>	<b>-17.3</b>	<b>22</b>	<b>15</b>	<b>46.0</b>
Arizona.....	2,637	2,966	-11.1	408	442	-7.8	--	--	--
Colorado.....	2,515	2,665	-5.7	156	166	-6.2	--	--	--
Idaho.....	--	--	--	*	*	30.5	--	--	--
Montana, New Mexico <sup>1</sup> .....	1,339	1,373	-2.5	77	82	-5.6	22	15	46.0
Nevada.....	880	904	-2.6	235	376	-37.4	--	--	--
Utah.....	2,596	3,188	-18.6	31	33	-7.2	--	--	--
Wyoming.....	1,832	1,716	6.8	20	21	-6.5	--	--	--
<b>Pacific</b> <sup>2</sup> .....	<b>1,385</b>	<b>1,351</b>	<b>2.5</b>	<b>3,270</b>	<b>2,915</b>	<b>12.2</b>	<b>15</b>	<b>1</b>	<b>1145.2</b>
California, Oregon, Washington, Hawaii, Alaska <sup>1</sup> .....	1,385	1,351	2.5	3,270	2,915	12.2	15	1	1145.2
<b>U.S. Total</b> .....	<b>124,232</b>	<b>143,884</b>	<b>-13.7</b>	<b>43,046</b>	<b>41,830</b>	<b>2.9</b>	<b>987</b>	<b>1,702</b>	<b>-42.0</b>

<sup>1</sup> Individual states' data are aggregated in order to protect confidentiality.

<sup>2</sup> Pacific Contiguous and Pacific Non-Contiguous were aggregated to Pacific to protect Census Division proprietary information.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

W = Withheld to avoid disclosure of individual company data.

**Table 3.3. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, by Census Division, May 2004**

Census Division	Electric Power Sector			Electric Utilities		Independent Power Producers	
	May 2004	May 2003	Percent Change	May 2004	May 2003	May 2004	May 2003
<b>Coal (thousand tons)</b>							
New England.....	1,045	1,523	-31.4	339	286	706	1,237
Middle Atlantic.....	5,124	7,365	-30.4	1,281	1,590	3,843	5,775
East North Central.....	33,528	38,846	-13.7	26,334	29,690	7,194	9,156
West North Central.....	21,435	23,286	-8.0	21,228	23,286	206	--
South Atlantic.....	20,164	23,792	-15.2	16,804	19,411	3,360	4,381
East South Central.....	11,645	13,705	-15.0	10,689	12,885	955	820
West South Central.....	18,108	21,205	-14.6	14,438	15,954	3,670	5,251
Mountain.....	11,798	12,812	-7.9	11,265	12,249	533	562
Pacific Contiguous.....	1,289	1,286	.2	275	283	1,014	1,004
Pacific Noncontiguous.....	96	64	49.1	--	--	96	64
<b>U.S. Total.....</b>	<b>124,232</b>	<b>143,884</b>	<b>-13.7</b>	<b>102,654</b>	<b>115,634</b>	<b>21,578</b>	<b>28,250</b>
<b>Petroleum Liquids (thousand barrels)</b>							
New England.....	3,443	3,275	5.1	598	535	2,845	2,739
Middle Atlantic.....	9,516	8,880	7.2	2,999	3,324	6,518	5,556
East North Central.....	3,366	2,893	16.4	1,965	1,732	1,401	1,161
West North Central.....	2,154	1,750	23.1	1,941	1,742	214	8
South Atlantic.....	14,715	15,660	-6.0	11,086	12,247	3,629	3,413
East South Central.....	1,962	1,925	1.9	1,887	1,892	74	33
West South Central.....	3,693	3,411	8.3	3,262	2,741	431	670
Mountain.....	927	1,121	-17.3	904	1,089	23	32
Pacific Contiguous.....	1,773	1,698	4.4	1,056	1,092	716	606
Pacific Noncontiguous.....	1,498	1,217	23.0	1,471	1,190	27	27
<b>U.S. Total.....</b>	<b>43,046</b>	<b>41,830</b>	<b>2.9</b>	<b>27,168</b>	<b>27,583</b>	<b>15,879</b>	<b>14,247</b>
<b>Petroleum Coke (thousand tons)</b>							
New England.....	--	--	--	--	--	--	--
Middle Atlantic.....	9	9	-4.0	--	--	9	9
East North Central.....	44	28	53.5	44	28	--	--
West North Central.....	8	17	-52.9	8	17	--	--
South Atlantic.....	384	324	18.6	384	324	--	--
East South Central.....	485	1,284	-62.2	--	--	485	1,284
West South Central.....	19	23	-16.4	--	--	19	23
Mountain.....	22	15	46.0	--	--	22	15
Pacific Contiguous.....	15	1	1145.2	--	--	15	1
Pacific Noncontiguous.....	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>987</b>	<b>1,702</b>	<b>-42.0</b>	<b>436</b>	<b>369</b>	<b>551</b>	<b>1,333</b>

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are estimated based on a sample; they are preliminary data - see Technical Notes for a discussion of the sample design for the Form EIA-906. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

W = Withheld to avoid disclosure of individual company data.

## Chapter 4. Receipts and Cost of Fossil Fuels

**Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 1990 through April 2004**

Period	Coal <sup>1</sup>						Petroleum Liquids <sup>2</sup>					
	Receipts		Average Cost		Avg. Sulfur %	Percentage of Consumption <sup>3</sup>	Receipts		Average Cost		Avg. Sulfur %	Percentage of Consumption <sup>3</sup>
	(billion Btu)	(1000 tons)	(dollars/10 <sup>6</sup> Btu)	(dollars/ton)			(billion Btu)	(1000 barrels)	(dollars/10 <sup>6</sup> Btu)	(dollars/barrel)		
1990.....	16,464,431	786,627	1.45	30.45	1.4	NA	1,316,433	209,350	3.38	21.28	1.0	NA
1991.....	15,980,106	769,923	1.45	30.02	1.3	NA	1,070,986	169,625	2.55	16.09	1.1	NA
1992.....	16,131,752	775,963	1.41	29.36	1.3	NA	914,004	144,390	2.55	16.15	1.1	NA
1993.....	15,867,904	769,152	1.39	28.58	1.2	NA	937,172	147,902	2.43	15.42	1.2	NA
1994.....	17,200,731	831,929	1.36	28.03	1.2	NA	901,831	142,940	2.49	15.70	1.1	NA
1995.....	16,946,807	826,860	1.32	27.01	1.1	NA	532,564	84,292	2.68	16.93	.9	NA
1996.....	17,707,127	862,701	1.29	26.45	1.1	NA	673,845	106,629	3.16	19.95	1.0	NA
1997.....	18,095,870	880,588	1.27	26.16	1.1	NA	748,634	117,789	2.88	18.30	1.1	NA
1998.....	19,036,478	929,448	1.25	25.64	1.1	NA	1,048,098	165,191	2.14	13.55	1.1	NA
1999.....	18,460,617	908,232	1.22	24.72	1.0	NA	833,706	131,407	2.53	16.03	1.1	NA
2000.....	15,987,811	790,274	1.20	24.28	.9	NA	633,609	99,855	4.45	28.24	1.0	NA
2001.....	15,285,607	762,815	1.23	24.68	.9	NA	726,135	114,523	3.92	24.86	1.1	NA
<b>2002<sup>4</sup></b>												
January.....	1,555,069	76,217	1.26	25.74	1.0	--	45,461	7,196	2.92	18.41	.9	--
February.....	1,451,620	70,778	1.28	26.25	1.0	--	24,868	3,959	2.87	18.03	.8	--
March.....	1,465,479	71,641	1.25	25.64	1.0	--	38,627	6,112	3.20	20.26	.9	--
April.....	1,353,000	66,610	1.25	25.45	.9	--	53,519	8,463	3.62	22.89	.9	--
May.....	1,369,699	67,485	1.26	25.50	.9	--	61,608	9,669	3.75	23.88	1.0	--
June.....	1,385,377	68,519	1.26	25.48	.9	--	59,075	9,292	3.76	23.89	.9	--
July.....	1,579,244	77,918	1.25	25.28	.9	--	48,612	7,712	3.85	24.27	.9	--
August.....	1,620,236	79,348	1.26	25.73	.9	--	67,073	10,636	4.11	25.93	.8	--
September.....	1,538,242	75,281	1.26	25.81	.9	--	35,895	5,740	4.09	25.58	.8	--
October.....	1,627,318	79,939	1.25	25.49	.9	--	64,861	10,217	4.35	27.63	.9	--
November.....	1,573,690	77,306	1.25	25.46	1.0	--	58,726	9,314	4.36	27.48	.9	--
December.....	1,463,013	73,245	1.22	24.38	.9	--	65,028	10,271	4.43	28.02	.9	--
<b>Total.....</b>	<b>17,981,987</b>	<b>884,287</b>	<b>1.25</b>	<b>25.52</b>	<b>.9</b>	<b>--</b>	<b>623,354</b>	<b>98,581</b>	<b>3.87</b>	<b>24.45</b>	<b>.9</b>	<b>--</b>
<b>2003</b>												
January.....	1,498,234	73,639	1.25	25.49	1.1	80.0	59,370	9,455	5.02	31.53	.8	48.1
February.....	1,394,627	67,515	1.28	26.36	1.1	84.8	111,041	17,640	5.15	32.40	.6	105.4
March.....	1,475,578	72,055	1.29	26.33	1.0	90.5	90,111	14,337	5.72	35.97	.9	112.9
April.....	1,411,502	68,263	1.31	27.11	1.0	93.8	66,651 <sup>R</sup>	10,509 <sup>R</sup>	4.79 <sup>R</sup>	30.36 <sup>R</sup>	.9	85.1
May.....	1,476,793	73,226	1.28	25.79	1.0	94.5	58,297	9,272	5.40	33.92	.8	77.1
June.....	1,559,404	76,712	1.28	25.93	1.0	91.9	68,084	11,088	4.95	30.42	.7	68.6
July.....	1,544,292	76,871	1.27	25.57	.9	81.6	85,848	13,625	4.81	30.30	.9	76.3
August.....	1,591,162	78,996	1.27	25.53	1.0	82.7	77,132	12,252	4.78	30.06	.9	65.9
September.....	1,501,291	74,484	1.26	25.41	1.0	88.2	62,268	9,866	4.51	28.49	.9	82.2
October.....	1,529,410	75,900	1.26	25.45	1.0	93.1	67,710	10,763	4.45	28.02	.9	88.6
November.....	1,471,691	73,287	1.25	25.20	1.0	89.0	49,294	7,805	4.52	28.57	.9	93.6
December.....	1,542,364	77,194	1.25	24.94	1.0	84.8	71,272	11,315	4.58	28.83	.9	81.5
<b>Total.....</b>	<b>17,996,349</b>	<b>888,143</b>	<b>1.27</b>	<b>25.74</b>	<b>1.0</b>	<b>87.6</b>	<b>867,079<sup>R</sup></b>	<b>137,927<sup>R</sup></b>	<b>4.92<sup>R</sup></b>	<b>30.95<sup>R</sup></b>	<b>.8</b>	<b>80.7</b>
<b>2004</b>												
January.....	1,543,263	76,609	1.28	25.74	.9	82.1	85,686	13,693	4.90	30.66	.8	60.3
February.....	1,384,929	67,536	1.31	26.76	1.0	80.4	91,047	14,507	4.85	30.45	.9	114.9
March.....	1,521,004	75,248	1.32	26.60	1.0	95.4	79,590	12,620	4.48	28.24	.9	95.3
April.....	1,438,124	71,384	1.30	26.22	1.0	97.6	55,024	8,704	4.63	29.29	.8	71.1
<b>Total.....</b>	<b>5,887,320</b>	<b>290,778</b>	<b>1.30</b>	<b>26.32</b>	<b>1.0</b>	<b>88.3</b>	<b>311,347</b>	<b>49,524</b>	<b>4.73</b>	<b>29.74</b>	<b>.8</b>	<b>81.4</b>
<b>Year to Date</b>												
2002.....	5,825,169	285,246	1.26	25.77	1.0	--	162,475	25,730	3.21	20.26	.9	--
2003.....	5,779,941	281,472	1.28	26.31	1.0	--	327,173 <sup>R</sup>	51,940 <sup>R</sup>	5.21 <sup>R</sup>	32.81 <sup>R</sup>	.8	--
2004.....	5,887,320	290,778	1.30	26.32	1.0	88.3	311,347	49,524	4.73	29.74	.8	81.4
<b>Rolling 12 Months Ending in April</b>												
2003.....	17,936,759	880,514	1.26	25.69	1.0	87.5	815,565	129,103	4.60	29.05	.9	80.7
2004.....	18,103,729	897,448	1.28	25.75	1.0	88.0	851,253	135,511	4.74	29.80	.9	78.9

<sup>1</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>2</sup> Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

<sup>3</sup> The Percent of Consumption calculation can be affected by a variety of factors, some of which may include: different respondents and response rates for the receipt and consumption surveys; plants may be adding receipts to their stockpiles; plants may be consuming fuel from existing stocks; and combined heat and power plants may be reporting fuel stocks related to non-electric generating activities.

<sup>4</sup> The years 2002 and beyond include data for electric utilities, independent power producers, and commercial and industrial combined heat and power producers. The years prior to 2002 include data for electric utilities only.

R = Revised.

NA = Not available.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are preliminary. Values for 2002 and prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Mcf = thousand cubic feet. •Monetary values are expressed in nominal terms.

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 Report."

**Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 1990 through April 2004 (Continued)**

Period	Petroleum Coke						Natural Gas <sup>1</sup>				All Fossil Fuels <sup>2</sup>
	Receipts		Average Cost		Avg. Sulfur %	Percentage of Consumption <sup>3</sup>	Receipts		Average Cost	Percentage of	Average Cost (dollars/10 <sup>6</sup> Btu)
	(billion Btu)	(1000 tons)	(dollars/10 <sup>6</sup> Btu)	(dollars/ton)			(billion Btu)	(1000 Mcf)	(dollars/10 <sup>6</sup> Btu)	Consumption <sup>3</sup>	
1990.....	15,782	554	.80	22.88	5.5	NA	2,558,303	2,490,979	2.32	NA	1.69
1991.....	13,611	485	.81	22.70	5.3	NA	2,693,391	2,630,818	2.15	NA	1.60
1992.....	19,109	687	.75	20.85	5.1	NA	2,699,916	2,637,678	2.33	NA	1.59
1993.....	33,822	1,248	.70	19.03	4.7	NA	2,634,914	2,574,523	2.56	NA	1.59
1994.....	34,249	1,263	.69	18.68	4.8	NA	2,930,984	2,863,904	2.23	NA	1.52
1995.....	31,485	1,123	.65	18.27	5.1	NA	3,081,506	3,023,327	1.98	NA	1.45
1996.....	39,300	1,410	.78	21.80	4.8	NA	2,649,028	2,604,663	2.64	NA	1.52
1997.....	61,609	2,192	.91	25.64	4.9	NA	2,817,639	2,764,734	2.76	NA	1.52
1998.....	91,923	3,217	.71	20.36	5.0	NA	2,985,866	2,922,957	2.38	NA	1.44
1999.....	82,083	2,906	.65	18.47	5.3	NA	2,862,084	2,809,455	2.57	NA	1.44
2000.....	47,855	1,683	.58	16.62	5.1	NA	2,681,659	2,629,986	4.30	NA	1.74
2001.....	56,851	2,019	.78	22.07	5.1	NA	2,209,656	2,152,366	4.49	NA	1.73
<b>2002<sup>4</sup></b>											
January.....	10,171	355	.90	25.84	5.2	--	386,731	377,322	3.00	--	1.51
February.....	7,524	263	.94	26.81	5.2	--	372,990	364,407	2.74	--	1.49
March.....	10,990	385	.82	23.39	5.2	--	428,897	419,393	3.20	--	1.51
April.....	10,058	351	.75	21.35	5.4	--	419,178	409,056	3.64	--	1.48
May.....	10,836	381	.75	21.34	5.1	--	429,616	418,814	3.65	--	1.52
June.....	9,493	330	.76	21.80	4.9	--	536,370	522,348	3.49	--	1.51
July.....	10,561	369	.71	20.29	5.1	--	680,326	662,862	3.41	--	1.51
August.....	15,817	550	.72	20.61	4.9	--	685,462	668,445	3.33	--	1.53
September.....	10,298	362	.91	25.96	4.6	--	560,972	547,067	3.61	--	1.47
October.....	12,966	456	.70	19.77	4.7	--	458,274	446,377	4.04	--	1.53
November.....	8,044	280	1.02	29.20	4.7	--	377,791	368,775	4.23	--	1.57
December.....	10,605	372	.56	15.96	4.7	--	413,235	402,873	4.53	--	1.55
<b>Total.....</b>	<b>127,362</b>	<b>4,454</b>	<b>.78</b>	<b>22.32</b>	<b>5.0</b>	<b>--</b>	<b>5,749,844</b>	<b>5,607,737</b>	<b>3.56</b>	<b>--</b>	<b>1.52</b>
<b>2003</b>											
January.....	10,297	361	.65	18.46	5.2	78.5	348,857	354,531	5.23	78.6	2.09
February.....	6,525	229	.63	17.95	5.9	58.9	328,510	326,428	6.14	79.3	2.36
March.....	6,427	227	.72	20.49	5.7	67.1	358,770	355,470	7.07	80.2	2.54
April.....	7,725	272	.52	14.76	5.4	57.0	353,421 <sup>R</sup>	356,574 <sup>R</sup>	5.19 <sup>R</sup>	88.2	2.17 <sup>R</sup>
May.....	9,403	331	.65	18.58	5.5	73.1	403,203	411,431	5.48	90.3	2.27
June.....	12,929	456	.66	18.61	5.0	81.5	409,445	418,298	5.81	84.2	2.30
July.....	13,043	463	.79	22.15	5.4	71.4	548,970	552,070	5.33	79.4	2.42
August.....	16,394	579	.69	19.54	5.3	94.8	565,808	550,691	5.04	74.0	2.33
September.....	15,920	562	.75	21.16	5.1	94.0	426,024	429,125	4.99	83.6	2.15
October.....	14,045	499	.69	19.55	5.5	80.6	366,877	374,519	4.90	75.7	2.04
November.....	17,884	632	.70	19.93	5.3	101.1	337,902	349,300	4.67	78.6	1.95
December.....	15,368	550	.75	20.82	5.1	83.5	368,492	378,547	5.24	87.2	2.10
<b>Total.....</b>	<b>145,961</b>	<b>5,161</b>	<b>.69</b>	<b>19.64</b>	<b>5.3</b>	<b>80.2</b>	<b>4,816,279<sup>R</sup></b>	<b>4,856,982<sup>R</sup></b>	<b>5.40<sup>R</sup></b>	<b>81.1</b>	<b>2.22<sup>R</sup></b>
<b>2004</b>											
January.....	13,230	474	.74	20.58	5.1	71.2	369,281	361,622	6.16	96.1	2.32
February.....	13,646	483	.75	21.20	5.1	86.3	381,528	371,036	5.63	94.2	2.36
March.....	15,728	556	.82	23.15	5.2	97.7	394,809	384,676	5.35	97.6	2.23
April.....	11,632	413	.75	21.14	5.2	72.0	414,861	403,736	5.60	99.3	2.32
<b>Total.....</b>	<b>54,235</b>	<b>1,926</b>	<b>.77</b>	<b>21.60</b>	<b>5.1</b>	<b>81.3</b>	<b>1,560,479</b>	<b>1,521,071</b>	<b>5.68</b>	<b>96.8</b>	<b>2.31</b>
<b>Year to Date</b>											
2002.....	38,743	1,355	.85	24.17	5.2	--	1,607,797	1,570,177	3.16	--	1.50
2003.....	30,974	1,088	.63	17.85	5.5	--	1,389,558 <sup>R</sup>	1,393,003 <sup>R</sup>	5.91 <sup>R</sup>	--	2.29 <sup>R</sup>
2004.....	54,235	1,926	.77	21.60	5.1	81.3	1,560,479	1,521,071	5.68	96.8	2.31
<b>Rolling 12 Months Ending in April</b>											
2003.....	119,594	4,187	.72	20.56	5.0	65.9	5,532,519	5,431,449	4.27	88.4	2.09
2004.....	169,222	5,998	.73	20.59	5.2	84.0	4,987,200	4,985,050	5.34	85.2	2.24

<sup>1</sup> Natural gas, including a small amount of supplemental gaseous fuels. Natural gas values for 2002 and 2004 do not include blast furnace gas or other gas.

<sup>2</sup> Includes blast furnace gas and other gases in 2003.

<sup>3</sup> The Percent of Consumption calculation can be affected by a variety of factors, some of which may include: different respondents and response rates for the receipt and consumption surveys; plants may be adding receipts to their stockpiles; plants may be consuming fuel from existing stocks; and combined heat and power plants may be reporting fuel stocks related to non-electric generating activities.

<sup>4</sup> The years 2002 and beyond include data for electric utilities, independent power producers, and commercial and industrial combined heat and power producers. The years prior to 2002 include data for electric utilities only.

R = Revised.

NA = Not available.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are preliminary. Values for 2002 and prior years are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Mcf = thousand cubic feet. •Monetary values are expressed in nominal terms.

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 Report."

**Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 1990 through April 2004**

Period	Coal <sup>1</sup>					Petroleum Liquids <sup>2</sup>				
	Receipts		Average Cost		Avg. Sulfur %	Receipts		Average Cost		Avg. Sulfur %
	(billion Btu)	(1000 tons)	(dollars/10 <sup>6</sup> Btu)	(dollars/ton)		(billion Btu)	(1000 barrels)	(dollars/10 <sup>6</sup> Btu)	(dollars/barrel)	
1990.....	16,464,431	786,627	1.45	30.45	1.4	1,316,433	209,350	3.38	21.28	1.0
1991.....	15,980,106	769,923	1.45	30.02	1.3	1,070,986	169,625	2.55	16.09	1.1
1992.....	16,131,752	775,963	1.41	29.36	1.3	914,004	144,390	2.55	16.15	1.1
1993.....	15,867,904	769,152	1.39	28.58	1.2	937,172	147,902	2.43	15.42	1.2
1994.....	17,200,731	831,929	1.36	28.03	1.2	901,831	142,940	2.49	15.70	1.1
1995.....	16,946,807	826,860	1.32	27.01	1.1	532,564	84,292	2.68	16.93	.9
1996.....	17,707,127	862,701	1.29	26.45	1.1	673,845	106,629	3.16	19.95	1.0
1997.....	18,095,870	880,588	1.27	26.16	1.1	748,634	117,789	2.88	18.30	1.1
1998.....	19,036,478	929,448	1.25	25.64	1.1	1,048,098	165,191	2.14	13.55	1.1
1999.....	18,460,617	908,232	1.22	24.72	1.0	833,706	131,407	2.53	16.03	1.1
2000.....	15,987,811	790,274	1.20	24.28	.9	633,609	99,855	4.45	28.24	1.0
2001.....	15,285,607	762,815	1.23	24.68	.9	726,135	114,523	3.92	24.86	1.1
<b>2002</b>										
January.....	1,217,497	60,026	1.22	24.72	.9	25,376	3,981	2.80	17.83	.9
February.....	1,155,337	56,544	1.24	25.33	.9	14,015	2,219	2.75	17.36	.8
March.....	1,169,044	57,216	1.21	24.75	.9	22,565	3,554	3.09	19.64	1.0
April.....	1,046,388	51,499	1.21	24.61	.9	39,751	6,256	3.63	23.07	.9
May.....	1,045,108	51,574	1.21	24.60	.8	42,995	6,696	3.69	23.66	1.1
June.....	1,050,864	51,965	1.22	24.59	.8	42,010	6,561	3.70	23.72	1.0
July.....	1,230,231	60,607	1.21	24.51	.8	32,545	5,091	3.61	23.09	1.1
August.....	1,253,842	61,386	1.23	25.20	.9	44,537	6,934	3.89	25.00	1.0
September.....	1,187,957	58,245	1.23	25.09	.9	25,258	3,955	3.85	24.61	.9
October.....	1,268,029	62,424	1.22	24.87	.9	43,344	6,787	4.27	27.26	1.0
November.....	1,225,166	60,260	1.22	24.85	.9	35,414	5,570	4.04	25.70	1.0
December.....	1,117,862	56,000	1.18	23.64	.9	39,633	6,208	4.28	27.30	1.1
<b>Total.....</b>	<b>13,967,326</b>	<b>687,747</b>	<b>1.22</b>	<b>24.74</b>	<b>.9</b>	<b>407,442</b>	<b>63,809</b>	<b>3.74</b>	<b>23.88</b>	<b>1.0</b>
<b>2003</b>										
January.....	1,195,563	58,692	1.23	25.11	1.1	33,946	5,345	4.67	29.66	1.0
February.....	1,094,761	52,743	1.23	25.59	1.0	73,157	11,548	4.59	29.10	.6
March.....	1,137,444	55,723	1.24	25.27	.9	53,186	8,413	5.18	32.73	1.0
April.....	1,076,262	51,776	1.29	26.84	.9	41,467 <sup>R</sup>	6,532 <sup>R</sup>	4.56 <sup>R</sup>	28.95 <sup>R</sup>	1.0
May.....	1,155,159	57,238	1.24	25.07	.9	24,401	3,853	4.58	29.02	.9
June.....	1,232,784	60,249	1.25	25.63	.9	30,005	4,723	4.41	28.01	1.0
July.....	1,185,870	58,794	1.25	25.13	.9	53,542	8,393	4.64	29.62	1.1
August.....	1,240,354	61,125	1.24	25.25	.9	49,946	7,831	4.59	29.26	1.1
September.....	1,162,719	57,382	1.24	25.18	.9	39,275	6,162	4.38	27.95	1.0
October.....	1,155,859	57,068	1.24	25.02	.9	43,299	6,800	4.30	27.36	1.0
November.....	1,096,760	54,169	1.24	25.07	.9	32,849	5,162	4.37	27.82	1.0
December.....	1,196,458	59,667	1.22	24.51	.9	44,337	6,972	4.36	27.71	1.0
<b>Total.....</b>	<b>13,929,993</b>	<b>684,627</b>	<b>1.24</b>	<b>25.29</b>	<b>.9</b>	<b>519,409<sup>R</sup></b>	<b>81,734<sup>R</sup></b>	<b>4.57<sup>R</sup></b>	<b>29.07<sup>R</sup></b>	<b>1.0</b>
<b>2004</b>										
January.....	1,165,611	57,478	1.26	25.54	.9	37,497	5,906	4.52	28.72	1.1
February.....	1,067,960	52,646	1.28	25.92	.9	35,237	5,507	4.27	27.32	1.1
March.....	1,110,640	54,594	1.29	26.23	.9	48,715	7,672	4.29	27.23	1.0
April.....	1,093,711	54,235	1.28	25.77	.9	27,828	4,365	4.35	27.75	1.0
<b>Total.....</b>	<b>4,437,922</b>	<b>218,953</b>	<b>1.28</b>	<b>25.86</b>	<b>.9</b>	<b>149,277</b>	<b>23,449</b>	<b>4.35</b>	<b>27.72</b>	<b>1.0</b>
<b>Year to Date</b>										
2002.....	4,588,266	225,285	1.22	24.86	.9	101,707	16,009	3.18	20.21	.9
2003.....	4,504,030	218,935	1.25	25.67	1.0	201,755 <sup>R</sup>	31,838 <sup>R</sup>	4.75 <sup>R</sup>	30.12 <sup>R</sup>	.8
2004.....	4,437,922	218,953	1.28	25.86	.9	149,277	23,449	4.35	27.72	1.0
<b>Rolling 12 Months Ending in April</b>										
2003.....	13,883,089	681,397	1.23	25.00	.9	535,004	83,950	4.33	27.59	.9
2004.....	13,863,885	684,645	1.25	25.35	.9	466,931	73,346	4.43	28.18	1.0

<sup>1</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>2</sup> Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

R = Revised.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are preliminary. Values for 2001 and 2002 are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Mcf = thousand cubic feet. •Monetary values are expressed in nominal terms.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants Report."

**Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 1990 through April 2004  
(Continued)**

Period	Petroleum Coke					Natural Gas <sup>1</sup>			All Fossil Fuels <sup>2</sup>
	Receipts		Average Cost		Avg. Sulfur %	Receipts		Average Cost	Average Cost
	(billion Btu)	(1000 tons)	(dollars/10 <sup>6</sup> Btu)	(dollars/ton)		(billion Btu)	(1000 Mcf)	(dollars/10 <sup>6</sup> Btu)	(dollars/10 <sup>6</sup> Btu)
1990.....	15,782	554	.80	22.88	5.5	2,558,303	2,490,979	2.32	1.69
1991.....	13,611	485	.81	22.70	5.3	2,693,391	2,630,818	2.15	1.60
1992.....	19,109	687	.75	20.85	5.1	2,699,916	2,637,678	2.33	1.59
1993.....	33,822	1,248	.70	19.03	4.7	2,634,914	2,574,523	2.56	1.59
1994.....	34,249	1,263	.69	18.68	4.8	2,930,984	2,863,904	2.23	1.52
1995.....	31,485	1,123	.65	18.27	5.1	3,081,506	3,023,327	1.98	1.45
1996.....	39,300	1,410	.78	21.80	4.8	2,649,028	2,604,663	2.64	1.52
1997.....	61,609	2,192	.91	25.64	4.9	2,817,639	2,764,734	2.76	1.52
1998.....	91,923	3,217	.71	20.36	5.0	2,985,866	2,922,957	2.38	1.44
1999.....	82,083	2,906	.65	18.47	5.3	2,862,084	2,809,455	2.57	1.44
2000.....	47,855	1,683	.58	16.62	5.1	2,681,659	2,629,986	4.30	1.74
2001.....	56,851	2,019	.78	22.07	5.1	2,209,656	2,152,366	4.49	1.73
<b>2002</b>									
January.....	6,360	223	.69	19.68	5.3	101,223	98,309	3.21	1.49
February.....	4,030	142	.81	23.00	5.3	100,288	97,610	2.97	1.47
March.....	6,280	222	.75	21.21	5.4	120,477	117,426	3.43	1.50
April.....	5,839	207	.61	17.36	5.5	124,011	120,664	3.80	1.47
May.....	5,683	202	.62	17.46	5.0	133,802	129,959	3.79	1.51
June.....	4,367	153	.54	15.36	4.5	169,371	164,554	3.58	1.50
July.....	5,642	201	.60	16.81	5.2	210,847	204,987	3.44	1.50
August.....	10,487	367	.58	16.47	4.9	210,207	204,695	3.38	1.52
September.....	6,564	234	.69	19.35	4.5	168,817	164,317	3.68	1.45
October.....	9,498	338	.53	14.87	4.7	138,126	134,376	4.15	1.51
November.....	3,987	141	.61	17.35	4.8	97,484	95,005	4.36	1.56
December.....	6,973	247	.59	16.54	4.8	105,865	102,832	4.72	1.54
<b>Total.....</b>	<b>75,711</b>	<b>2,677</b>	<b>.63</b>	<b>17.68</b>	<b>5.0</b>	<b>1,680,518</b>	<b>1,634,734</b>	<b>3.68</b>	<b>1.50</b>
<b>2003</b>									
January.....	6,620	235	.71	20.08	5.3	95,702	99,142	5.31	1.61
February.....	2,612	93	.67	18.83	6.4	88,390	85,983	6.21	1.78
March.....	3,388	121	.85	23.85	6.0	97,127	93,978	7.28	1.85
April.....	5,141	182	.51	14.29	5.3	103,910 <sup>R</sup>	100,523 <sup>R</sup>	5.43	1.75 <sup>R</sup>
May.....	6,667	236	.66	18.61	5.6	123,811	119,546	5.56	1.71
June.....	8,201	290	.63	17.83	5.0	119,883	115,604	6.15	1.74
July.....	5,289	188	.81	22.73	5.6	159,395	154,338	5.57	1.86
August.....	8,492	300	.69	19.59	5.4	169,295	163,906	5.23	1.81
September.....	8,278	293	.79	22.34	5.2	123,427	119,721	5.33	1.71
October.....	6,760	240	.76	21.42	5.7	98,179	95,242	5.22	1.63
November.....	10,877	385	.77	21.71	5.5	90,894	89,755	4.94	1.59
December.....	7,718	274	.83	23.29	5.1	82,407	79,959	5.65	1.60
<b>Total.....</b>	<b>80,042</b>	<b>2,836</b>	<b>.73</b>	<b>20.48</b>	<b>5.4</b>	<b>1,352,418<sup>R</sup></b>	<b>1,317,697<sup>R</sup></b>	<b>5.63</b>	<b>1.72<sup>R</sup></b>
<b>2004</b>									
January.....	5,734	203	.82	23.22	5.0	87,900	85,510	6.14	1.68
February.....	8,249	293	.80	22.45	5.0	88,819	86,450	5.84	1.70
March.....	9,796	345	.88	25.13	5.2	91,077	88,462	5.58	1.71
April.....	4,903	174	.78	21.97	5.2	102,715	100,117	5.81	1.72
<b>Total.....</b>	<b>28,681</b>	<b>1,015</b>	<b>.83</b>	<b>23.44</b>	<b>5.1</b>	<b>370,512</b>	<b>360,539</b>	<b>5.84</b>	<b>1.70</b>
<b>Year to Date</b>									
2002.....	22,509	793	.71	20.09	5.4	446,000	434,009	3.38	1.48
2003.....	17,761	631	.67	18.95	5.6	385,130 <sup>R</sup>	379,626 <sup>R</sup>	6.05	1.75 <sup>R</sup>
2004.....	28,681	1,015	.83	23.44	5.1	370,512	360,539	5.84	1.70
<b>Rolling 12 Months Ending in April</b>									
2003.....	70,963	2,515	.61	17.24	5.0	1,620,562	1,581,238	4.32	1.68
2004.....	90,962	3,220	.77	21.71	5.3	1,337,800	1,298,610	5.57	1.71

<sup>1</sup> Natural gas, including a small amount of supplemental gaseous fuels. Natural gas values for 2002 do not include blast furnace gas or other gas.

<sup>2</sup> Includes blast furnace gas and other gases in 2003.

R = Revised.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are preliminary. Values for 2001 and 2002 are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Mcf = thousand cubic feet. •Monetary values are expressed in nominal terms.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants Report."

**Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 1990 through April 2004**

Period	Coal <sup>1</sup>					Petroleum Liquids <sup>2</sup>				
	Receipts		Average Cost		Avg. Sulfur %	Receipts		Average Cost		Avg. Sulfur %
	(billion Btu)	(1000 tons)	(dollars/10 <sup>6</sup> Btu)	(dollars/ton)		(billion Btu)	(1000 barrels)	(dollars/10 <sup>6</sup> Btu)	(dollars/barrel)	
1990.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1992.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1993.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1994.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1995.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1996.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1997.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1998.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1999.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2001.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>2002<sup>3</sup></b>										
January.....	311,674	14,999	1.41	29.29	1.2	17,057	2,730	3.08	19.24	.8
February.....	272,761	13,167	1.43	29.63	1.2	8,240	1,322	3.08	19.21	.7
March.....	273,555	13,373	1.42	28.96	1.1	12,830	2,045	3.47	21.74	.6
April.....	281,330	13,945	1.39	28.01	1.1	11,314	1,819	3.65	22.72	.6
May.....	299,706	14,780	1.39	28.09	1.2	16,538	2,644	3.94	24.65	.7
June.....	308,517	15,352	1.39	27.96	1.1	15,032	2,409	3.94	24.57	.6
July.....	321,283	16,020	1.38	27.64	1.1	14,118	2,311	4.44	27.11	.4
August.....	339,171	16,710	1.34	27.19	1.2	20,573	3,388	4.61	28.02	.4
September.....	326,026	15,921	1.37	28.00	1.2	8,546	1,449	4.74	27.95	.4
October.....	334,997	16,388	1.34	27.47	1.1	19,104	3,046	4.55	28.52	.8
November.....	324,120	15,869	1.34	27.47	1.3	20,515	3,298	4.96	30.84	.6
December.....	317,707	15,960	1.33	26.38	1.1	22,404	3,583	4.72	29.49	.6
<b>Total.....</b>	<b>3,710,847</b>	<b>182,482</b>	<b>1.37</b>	<b>27.96</b>	<b>1.2</b>	<b>186,271</b>	<b>30,043</b>	<b>4.19</b>	<b>25.98</b>	<b>.6</b>
<b>2003</b>										
January.....	282,807	14,030	1.32	26.63	1.1	22,586	3,654	5.59	34.57	.6
February.....	281,942	13,934	1.43	28.88	1.4	34,983	5,616	6.30	39.22	.6
March.....	314,167	15,205	1.45	29.86	1.2	34,147	5,472	6.58	41.06	.7
April.....	313,334	15,443	1.37	27.85	1.3	23,698	3,740	5.23	33.12	.6
May.....	298,491	14,866	1.41	28.31	1.3	32,261	5,145	6.07	38.06	.6
June.....	301,306	15,268	1.36	26.82	1.3	35,897	5,982	5.42	32.53	.5
July.....	338,366	17,130	1.35	26.75	1.2	30,029	4,830	5.11	31.76	.5
August.....	323,326	16,563	1.34	26.19	1.2	25,217	4,046	5.15	32.11	.5
September.....	312,860	15,892	1.31	25.84	1.3	21,092	3,370	4.74	29.69	.8
October.....	347,580	17,600	1.34	26.52	1.2	22,354	3,610	4.73	29.31	.7
November.....	349,449	17,914	1.29	25.22	1.1	14,617	2,343	4.83	30.15	.7
December.....	318,433	16,225	1.33	26.10	1.2	24,667	3,975	4.94	30.67	.6
<b>Total.....</b>	<b>3,782,060</b>	<b>190,071</b>	<b>1.36</b>	<b>27.02</b>	<b>1.2</b>	<b>321,548</b>	<b>51,782</b>	<b>5.50</b>	<b>34.13</b>	<b>.6</b>
<b>2004</b>										
January.....	351,258	17,889	1.32	25.96	1.1	44,813	7,239	5.18	32.05	.6
February.....	289,422	13,630	1.39	29.42	1.2	53,219	8,576	5.22	32.41	.7
March.....	383,058	19,368	1.38	27.26	1.1	28,956	4,642	4.78	29.81	.6
April.....	318,619	15,949	1.36	27.19	1.2	25,107	3,998	4.93	30.99	.6
<b>Total.....</b>	<b>1,342,357</b>	<b>66,836</b>	<b>1.36</b>	<b>27.34</b>	<b>1.2</b>	<b>152,095</b>	<b>24,455</b>	<b>5.08</b>	<b>31.58</b>	<b>.6</b>
<b>Year to Date</b>										
2002.....	1,139,320	55,483	1.41	28.97	1.1	49,442	7,915	3.31	20.68	.7
2003.....	1,192,250	58,612	1.39	28.33	1.2	115,414	18,481	6.02	37.61	.6
2004.....	1,342,357	66,836	1.36	27.34	1.2	152,095	24,455	5.08	31.58	.6
<b>Rolling 12 Months Ending in April</b>										
2003.....	3,763,777	185,611	1.37	27.77	1.2	252,244	40,609	5.20	32.30	.6
2004.....	3,932,167	198,294	1.35	26.74	1.2	358,230	57,755	5.15	31.93	.6

<sup>1</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>2</sup> Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

<sup>3</sup> Prior to 2002, these data were not collected from Independent Power Producers.

NA = Not available.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are preliminary. •Values for 2001 and 2002 are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Price data on the Form EIA-423 are proprietary and are only reported at an aggregated level. •Mcf = thousand cubic feet. •Monetary values are expressed in nominal terms.

Source: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report."

**Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 1990 through April 2004 (Continued)**

Period	Petroleum Coke					Natural Gas <sup>1</sup>			All Fossil Fuels <sup>2</sup>
	Receipts		Average Cost		Avg. Sulfur %	Receipts		Average Cost	Average Cost
	(billion Btu)	(1000 tons)	(dollars/10 <sup>6</sup> Btu)	(dollars/ton)		(billion Btu)	(1000 Mcf)	(dollars/10 <sup>6</sup> Btu)	(dollars/10 <sup>6</sup> Btu)
1990.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1992.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1993.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1994.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1995.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1996.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1997.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1998.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1999.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
2001.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>2002<sup>3</sup></b>									
January.....	3,418	118	1.31	38.09	4.8	210,224	205,723	2.94	1.49
February.....	3,157	109	1.12	32.37	4.9	203,236	199,150	2.70	1.47
March.....	4,514	156	.92	26.58	5.0	231,307	226,939	3.23	1.50
April.....	3,812	130	.94	27.72	5.1	223,672	218,906	3.66	1.47
May.....	4,872	169	.90	25.99	5.1	220,919	216,070	3.63	1.51
June.....	4,905	169	.95	27.69	5.2	297,851	290,514	3.48	1.50
July.....	4,493	153	.84	24.75	4.8	393,500	384,166	3.39	1.50
August.....	4,960	170	1.01	29.52	4.8	398,684	389,329	3.32	1.52
September.....	3,429	117	1.35	39.58	4.6	321,705	314,336	3.60	1.45
October.....	3,110	105	1.19	35.44	4.5	249,814	243,801	4.05	1.51
November.....	3,790	129	1.46	42.77	4.6	214,402	209,743	4.20	1.56
December.....	3,346	114	.49	14.22	4.5	232,794	227,631	4.55	1.54
<b>Total.....</b>	<b>47,805</b>	<b>1,639</b>	<b>1.03</b>	<b>29.98</b>	<b>4.9</b>	<b>3,198,108</b>	<b>3,126,308</b>	<b>3.55</b>	<b>1.50</b>
<b>2003</b>									
January.....	3,677	126	.53	15.43	5.0	190,688	188,005	5.29	3.02
February.....	3,313	114	.57	16.69	5.4	174,412	171,338	6.35	3.50
March.....	2,414	83	.53	15.52	5.1	195,833	191,721	6.83	3.69
April.....	1,945	66	.46	13.49	5.4	182,902	178,886	5.08	2.85
May.....	1,976	68	.57	16.57	5.0	207,340	203,116	5.53	3.27
June.....	3,949	138	.65	18.53	4.8	214,997	211,152	5.64	3.27
July.....	6,062	214	.69	19.54	5.1	318,179	310,606	5.20	3.28
August.....	6,598	233	.63	17.74	5.1	339,286	331,499	4.98	3.25
September.....	6,011	211	.61	17.30	4.8	241,943	237,089	4.83	2.89
October.....	5,705	200	.53	15.18	5.2	202,474	197,997	4.84	2.69
November.....	5,973	209	.52	14.82	5.0	178,570	174,901	4.57	2.45
December.....	5,985	215	.56	15.47	4.9	209,138	204,839	5.19	2.93
<b>Total.....</b>	<b>53,609</b>	<b>1,877</b>	<b>.58</b>	<b>16.59</b>	<b>5.0</b>	<b>2,655,762</b>	<b>2,601,148</b>	<b>5.32</b>	<b>3.09</b>
<b>2004</b>									
January.....	6,229	225	.61	16.79	5.0	219,043	213,186	6.23	3.32
February.....	4,390	155	.62	17.54	5.1	224,621	218,643	5.50	3.35
March.....	4,734	168	.66	18.53	5.0	234,715	228,450	5.23	2.91
April.....	5,084	179	.66	18.74	5.0	245,003	238,476	5.52	3.22
<b>Total.....</b>	<b>20,437</b>	<b>727</b>	<b>.63</b>	<b>17.83</b>	<b>5.0</b>	<b>923,382</b>	<b>898,754</b>	<b>5.61</b>	<b>3.20</b>
<b>Year to Date</b>									
2002.....	14,900	513	1.06	30.74	5.0	868,440	850,718	3.15	1.48
2003.....	11,349	389	.53	15.49	5.2	743,836	729,950	5.89	3.27
2004.....	20,437	727	.63	17.83	5.0	923,382	898,754	5.61	3.20
<b>Rolling 12 Months Ending in April</b>									
2003.....	44,253	1,514	.89	26.00	4.9	3,073,505	3,005,540	4.23	2.27
2004.....	62,697	2,215	.61	17.19	5.0	2,835,308	2,769,953	5.27	3.08

<sup>1</sup> Natural gas, including a small amount of supplemental gaseous fuels. Natural gas values for 2002 and 2004 do not include blast furnace gas or other gas.

<sup>2</sup> Includes blast furnace gas and other gases in 2003.

<sup>3</sup> Prior to 2002, these data were not collected from Independent Power Producers.

NA = Not available.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are preliminary. •Values for 2001 and 2002 are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Price data on the Form EIA-423 are proprietary and are only reported at an aggregated level. •Mcf = thousand cubic feet. •Monetary values are expressed in nominal terms.

Source: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report."

**Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commercial Sector, 1990 through April 2004**

Period	Coal <sup>1</sup>					Petroleum Liquids <sup>2</sup>				
	Receipts		Average Cost		Avg. Sulfur %	Receipts		Average Cost		Avg. Sulfur %
	(billion Btu)	(1000 tons)	(dollars/10 <sup>6</sup> Btu)	(dollars/ton)		(billion Btu)	(1000 barrels)	(dollars/10 <sup>6</sup> Btu)	(dollars/barrel)	
1990.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1992.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1993.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1994.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1995.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1996.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1997.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1998.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1999.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2001.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>2002<sup>3</sup></b>										
January.....	971	41	2.10	49.98	2.2	103	19	4.87	26.92	*
February.....	819	34	2.17	51.80	2.2	44	8	4.87	26.92	*
March.....	843	35	2.16	51.99	2.2	27	5	4.81	26.59	--
April.....	831	35	2.07	49.20	2.5	--	--	--	--	--
May.....	779	32	2.16	52.06	2.5	61	11	4.60	26.04	*
June.....	661	28	2.11	50.39	2.4	18	3	5.44	30.09	--
July.....	774	32	2.07	50.39	3.8	22	4	5.54	30.62	*
August.....	861	36	2.05	48.96	4.3	71	13	5.62	31.06	--
September.....	765	31	2.11	51.63	2.0	--	--	--	--	--
October.....	738	30	2.12	51.74	2.0	--	--	--	--	--
November.....	802	34	2.06	49.09	2.4	53	10	5.78	30.81	*
December.....	735	31	2.04	48.34	2.5	105	19	6.30	34.86	--
<b>Total.....</b>	<b>9,580</b>	<b>399</b>	<b>2.10</b>	<b>50.44</b>	<b>2.6</b>	<b>503</b>	<b>91</b>	<b>5.38</b>	<b>29.73</b>	<b>*</b>
<b>2003</b>										
January.....	1,069	45	1.91	45.24	2.2	323	58	7.15	39.71	*
February.....	750	32	2.01	47.29	2.5	519	94	8.08	44.78	*
March.....	693	29	2.02	47.76	2.6	278	50	10.10	56.43	*
April.....	692	30	2.05	47.76	2.6	--	--	--	--	--
May.....	671	28	2.00	47.73	2.5	--	--	--	--	--
June.....	844	35	1.90	45.70	2.3	193	34	5.84	33.61	*
July.....	750	32	1.97	46.19	2.7	2	*	4.46	24.65	*
August.....	601	25	1.95	46.01	2.9	3	1	4.46	24.66	*
September.....	780	33	2.04	48.97	2.3	--	--	--	--	--
October.....	544	22	2.09	50.99	2.0	--	--	--	--	--
November.....	665	27	2.09	51.03	2.0	--	--	--	--	--
December.....	634	27	2.02	48.02	2.5	3	*	7.25	42.61	.2
<b>Total.....</b>	<b>8,693</b>	<b>365</b>	<b>2.00</b>	<b>47.52</b>	<b>2.4</b>	<b>1,321</b>	<b>237</b>	<b>7.93</b>	<b>44.31</b>	<b>*</b>
<b>2004</b>										
January.....	843	36	1.92	45.10	2.7	28	5	7.47	43.61	.1
February.....	940	40	1.94	45.38	2.6	116	20	7.32	42.36	*
March.....	921	39	1.92	45.79	2.6	19	3	7.54	43.81	*
April.....	673	28	1.95	46.17	2.7	--	--	--	--	--
<b>Total.....</b>	<b>3,377</b>	<b>143</b>	<b>1.93</b>	<b>45.58</b>	<b>2.7</b>	<b>163</b>	<b>28</b>	<b>7.38</b>	<b>42.74</b>	<b>.1</b>
<b>Year to Date</b>										
<b>2002.....</b>	<b>3,464</b>	<b>145</b>	<b>2.12</b>	<b>50.71</b>	<b>2.3</b>	<b>174</b>	<b>32</b>	<b>4.86</b>	<b>26.87</b>	<b>*</b>
<b>2003.....</b>	<b>3,204</b>	<b>136</b>	<b>1.99</b>	<b>46.81</b>	<b>2.4</b>	<b>1,120</b>	<b>202</b>	<b>8.31</b>	<b>46.20</b>	<b>*</b>
<b>2004.....</b>	<b>3,377</b>	<b>143</b>	<b>1.93</b>	<b>45.58</b>	<b>2.7</b>	<b>163</b>	<b>28</b>	<b>7.38</b>	<b>42.74</b>	<b>.1</b>
<b>Rolling 12 Months Ending in April</b>										
<b>2003.....</b>	<b>9,320</b>	<b>390</b>	<b>2.05</b>	<b>49.08</b>	<b>2.7</b>	<b>1,449</b>	<b>261</b>	<b>7.71</b>	<b>42.78</b>	<b>*</b>
<b>2004.....</b>	<b>8,866</b>	<b>372</b>	<b>1.98</b>	<b>47.03</b>	<b>2.5</b>	<b>364</b>	<b>63</b>	<b>6.52</b>	<b>37.61</b>	<b>*</b>

<sup>1</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>2</sup> Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

<sup>3</sup> Prior to 2002, these data were not collected from the Commercial Sector.

NA = Not available.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are preliminary. Values for 2001 and 2002 are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Price data on the Form EIA-423 are proprietary and are only reported at an aggregated level. •Mcf = thousand cubic feet. •Monetary values are expressed in nominal terms.

Source: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report."

**Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commercial Sector, 1990 through April 2004 (Continued)**

Period	Petroleum Coke					Natural Gas <sup>1</sup>			All Fossil Fuels <sup>2</sup>
	Receipts		Average Cost		Avg. Sulfur %	Receipts		Average Cost	Average Cost
	(billion Btu)	(1000 tons)	(dollars/10 <sup>6</sup> Btu)	(dollars/ton)		(billion Btu)	(1000 Mcf)	(dollars/10 <sup>6</sup> Btu)	(dollars/10 <sup>6</sup> Btu)
1990.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1992.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1993.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1994.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1995.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1996.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1997.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1998.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1999.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
2001.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>2002<sup>3</sup></b>									
January.....	--	--	--	--	--	599	588	3.28	2.37
February.....	--	--	--	--	--	657	646	2.84	2.31
March.....	--	--	--	--	--	1,764	1,715	3.42	2.24
April.....	--	--	--	--	--	1,240	1,228	3.71	2.07
May.....	--	--	--	--	--	601	593	3.79	2.34
June.....	--	--	--	--	--	900	887	3.62	2.20
July.....	--	--	--	--	--	4,389	4,295	3.21	2.17
August.....	--	--	--	--	--	3,711	3,617	3.24	2.32
September.....	--	--	--	--	--	2,736	2,652	3.61	2.11
October.....	--	--	--	--	--	1,001	979	3.99	2.12
November.....	--	--	--	--	--	533	524	3.83	2.29
December.....	--	--	--	--	--	540	531	4.20	2.57
<b>Total.....</b>	--	--	--	--	--	<b>18,671</b>	<b>18,256</b>	<b>3.44</b>	<b>2.27</b>
<b>2003</b>									
January.....	--	--	--	--	--	842	825	4.87	3.78
February.....	--	--	--	--	--	644	634	5.01	4.67
March.....	--	--	--	--	--	1,010	986	4.93	4.64
April.....	--	--	--	--	--	1,421	1,379	5.01	4.04
May.....	--	--	--	--	--	946	924	4.96	3.73
June.....	--	--	--	--	--	543	533	4.47	3.27
July.....	--	--	--	--	--	1,144	1,115	4.82	3.69
August.....	--	--	--	--	--	1,798	1,748	4.88	4.14
September.....	--	--	--	--	--	677	665	4.31	3.10
October.....	--	--	--	--	--	620	608	4.21	3.22
November.....	--	--	--	--	--	50	49	5.20	2.31
December.....	--	--	--	--	--	700	686	5.08	3.64
<b>Total.....</b>	--	--	--	--	--	<b>10,396</b>	<b>10,154</b>	<b>4.83</b>	<b>3.82</b>
<b>2004</b>									
January.....	--	--	--	--	--	1,379	1,349	5.96	4.46
February.....	--	--	--	--	--	1,210	1,181	5.61	4.17
March.....	--	--	--	--	--	1,111	1,086	5.19	3.74
April.....	--	--	--	--	--	1,661	1,634	6.02	4.84
<b>Total.....</b>	--	--	--	--	--	<b>5,361</b>	<b>5,250</b>	<b>5.74</b>	<b>4.32</b>
<b>Year to Date</b>									
2002.....	--	--	--	--	--	<b>4,260</b>	<b>4,178</b>	<b>3.40</b>	<b>2.26</b>
2003.....	--	--	--	--	--	<b>3,918</b>	<b>3,824</b>	<b>4.96</b>	<b>4.26</b>
2004.....	--	--	--	--	--	<b>5,361</b>	<b>5,250</b>	<b>5.74</b>	<b>4.32</b>
<b>Rolling 12 Months Ending in April</b>									
2003.....	--	--	--	--	--	<b>18,329</b>	<b>17,902</b>	<b>3.78</b>	<b>3.39</b>
2004.....	--	--	--	--	--	<b>11,839</b>	<b>11,579</b>	<b>5.20</b>	<b>3.86</b>

<sup>1</sup> Natural gas, including a small amount of supplemental gaseous fuels. Natural gas values for 2002 and 2004 do not include blast furnace gas or other gas.

<sup>2</sup> Includes blast furnace gas and other gases in 2003.

<sup>3</sup> Prior to 2002, these data were not collected from the Commercial Sector.

NA = Not available.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are preliminary. Values for 2001 and 2002 are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Price data on the Form EIA-423 are proprietary and are only reported at an aggregated level. •Mcf = thousand cubic feet. •Monetary values are expressed in nominal terms.

Source: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report."

**Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 1990 through April 2004**

Period	Coal <sup>1</sup>					Petroleum Liquids <sup>2</sup>				
	Receipts		Average Cost		Avg. Sulfur %	Receipts		Average Cost		Avg. Sulfur %
	(billion Btu)	(1000 tons)	(dollars/10 <sup>6</sup> Btu)	(dollars/ton)		(billion Btu)	(1000 barrels)	(dollars/10 <sup>6</sup> Btu)	(dollars/barrel)	
1990.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1992.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1993.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1994.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1995.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1996.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1997.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1998.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1999.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2001.....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>2002<sup>3</sup></b>										
January.....	24,928	1,152	1.46	31.67	1.5	2,924	467	2.91	18.25	1.3
February.....	22,703	1,033	1.48	32.45	3.2	2,570	410	2.83	17.70	1.3
March.....	22,037	1,017	1.45	31.33	1.4	3,204	509	2.93	18.48	1.0
April.....	24,450	1,131	1.45	31.27	1.5	2,454	389	3.27	20.67	1.2
May.....	24,106	1,098	1.48	32.50	1.4	2,014	318	3.44	21.82	1.3
June.....	25,335	1,175	1.47	31.72	1.4	2,015	319	3.54	22.42	1.3
July.....	26,955	1,260	1.46	31.27	1.4	1,928	307	3.56	22.40	1.3
August.....	26,361	1,217	1.45	31.51	1.4	1,892	302	3.73	23.36	1.2
September.....	23,494	1,084	1.44	31.21	1.5	2,091	337	4.31	26.79	1.2
October.....	23,553	1,096	1.42	30.60	1.4	2,413	384	4.32	27.13	1.2
November.....	23,603	1,143	1.40	28.90	1.3	2,745	437	3.95	24.81	1.4
December.....	26,709	1,253	1.46	31.17	1.4	2,887	461	4.18	26.20	1.3
<b>Total.....</b>	<b>294,234</b>	<b>13,659</b>	<b>1.45</b>	<b>31.29</b>	<b>1.6</b>	<b>29,137</b>	<b>4,638</b>	<b>3.55</b>	<b>22.33</b>	<b>1.2</b>
<b>2003</b>										
January.....	18,795	871	1.48	32.00	1.3	2,515	397	4.36	27.59	1.5
February.....	17,174	806	1.49	31.70	1.2	2,382	382	4.59	28.64	1.2
March.....	23,275	1,098	1.44	30.60	1.6	2,500	403	5.14	31.90	1.4
April.....	21,214	1,014	1.40	29.27	1.6	1,486	237	4.10	25.75	1.8
May.....	22,474	1,094	1.37	28.25	1.5	1,635	274	4.24	25.26	1.4
June.....	24,470	1,160	1.39	29.40	1.3	1,989	350	4.67	26.49	1.1
July.....	19,306	915	1.45	30.53	1.1	2,275	403	4.75	26.86	1.2
August.....	26,881	1,282	1.43	29.91	1.4	1,966	375	4.71	24.74	.7
September.....	24,931	1,178	1.41	29.88	1.4	1,901	335	4.66	26.45	1.2
October.....	25,428	1,210	1.41	29.71	1.4	2,058	353	4.68	27.31	1.2
November.....	24,818	1,177	1.43	30.13	1.3	1,828	299	4.77	29.16	1.2
December.....	26,838	1,275	1.44	30.22	1.4	2,266	367	4.91	30.30	1.4
<b>Total.....</b>	<b>275,603</b>	<b>13,079</b>	<b>1.43</b>	<b>30.06</b>	<b>1.4</b>	<b>24,801</b>	<b>4,175</b>	<b>4.66</b>	<b>27.66</b>	<b>1.2</b>
<b>2004</b>										
January.....	25,552	1,207	1.48	31.27	1.4	3,348	543	5.38	33.16	1.0
February.....	26,606	1,220	1.51	32.94	1.6	2,475	404	5.01	30.72	1.2
March.....	26,386	1,249	1.53	32.32	1.5	1,899	303	4.73	29.65	1.5
April.....	25,121	1,172	1.56	33.38	1.4	2,090	341	4.74	29.08	1.2
<b>Total.....</b>	<b>103,665</b>	<b>4,847</b>	<b>1.52</b>	<b>32.47</b>	<b>1.5</b>	<b>9,811</b>	<b>1,591</b>	<b>5.03</b>	<b>31.00</b>	<b>1.2</b>
<b>Year to Date</b>										
<b>2002.....</b>	<b>94,118</b>	<b>4,332</b>	<b>1.46</b>	<b>31.67</b>	<b>1.9</b>	<b>11,152</b>	<b>1,774</b>	<b>2.98</b>	<b>18.72</b>	<b>1.2</b>
<b>2003.....</b>	<b>80,458</b>	<b>3,789</b>	<b>1.45</b>	<b>30.80</b>	<b>1.5</b>	<b>8,884</b>	<b>1,419</b>	<b>4.60</b>	<b>28.79</b>	<b>1.4</b>
<b>2004.....</b>	<b>103,665</b>	<b>4,847</b>	<b>1.52</b>	<b>32.47</b>	<b>1.5</b>	<b>9,811</b>	<b>1,591</b>	<b>5.03</b>	<b>31.00</b>	<b>1.2</b>
<b>Rolling 12 Months Ending in April</b>										
<b>2003.....</b>	<b>280,573</b>	<b>13,116</b>	<b>1.45</b>	<b>31.02</b>	<b>1.4</b>	<b>26,868</b>	<b>4,282</b>	<b>4.14</b>	<b>25.97</b>	<b>1.3</b>
<b>2004.....</b>	<b>298,810</b>	<b>14,137</b>	<b>1.45</b>	<b>30.68</b>	<b>1.4</b>	<b>25,728</b>	<b>4,347</b>	<b>4.82</b>	<b>28.52</b>	<b>1.2</b>

<sup>1</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>2</sup> Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

<sup>3</sup> Prior to 2002, these data were not collected from the Industrial Sector.

NA = Not available.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are preliminary. Values for 2001 and 2002 are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Price data on the Form EIA-423 are proprietary and are only reported at an aggregated level. •Mcf = thousand cubic feet. •Monetary values are expressed in nominal terms.

Source: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report."

**Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 1990 through April 2004 (Continued)**

Period	Petroleum Coke					Natural Gas <sup>1</sup>			All Fossil Fuels <sup>2</sup>
	Receipts		Average Cost		Avg. Sulfur %	Receipts		Average Cost	Average Cost
	(billion Btu)	(1000 tons)	(dollars/10 <sup>6</sup> Btu)	(dollars/ton)		(billion Btu)	(1000 Mcf)	(dollars/10 <sup>6</sup> Btu)	(dollars/10 <sup>6</sup> Btu)
1990.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1992.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1993.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1994.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1995.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1996.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1997.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1998.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
1999.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
2001.....	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>2002<sup>3</sup></b>									
January.....	392	14	.76	21.18	5.7	74,685	72,701	2.88	1.60
February.....	338	12	.75	21.19	5.9	68,809	67,000	2.49	1.60
March.....	196	7	.77	21.19	5.8	75,349	73,314	2.74	1.63
April.....	407	15	.77	21.20	5.9	70,255	68,258	3.28	1.60
May.....	281	10	.77	21.19	6.0	74,295	72,191	3.47	1.62
June.....	220	8	.76	21.18	6.0	68,248	66,392	3.27	1.62
July.....	426	15	.77	21.20	6.5	71,590	69,414	3.45	1.59
August.....	370	13	.77	21.18	6.3	72,858	70,803	3.25	1.60
September.....	305	11	.76	21.18	5.6	67,715	65,762	3.48	1.66
October.....	357	13	.76	21.18	5.7	69,334	67,222	3.80	1.68
November.....	267	9	.75	21.26	5.7	65,372	63,502	4.16	1.66
December.....	286	10	.77	21.25	5.6	74,036	71,879	4.19	1.72
<b>Total.....</b>	<b>3,846</b>	<b>138</b>	<b>.76</b>	<b>21.20</b>	<b>5.9</b>	<b>852,547</b>	<b>828,439</b>	<b>3.36</b>	<b>1.63</b>
<b>2003</b>									
January.....	--	--	--	--	--	61,625	66,559	4.93	4.13
February.....	600	22	.75	20.74	6.1	65,063	68,474	5.50	4.63
March.....	625	23	.76	20.69	6.2	64,799	68,784	7.50	5.84
April.....	639	23	.81	22.01	6.1	65,188	75,787	5.11	4.17
May.....	761	28	.85	23.28	5.5	71,107	87,844	5.19	4.25
June.....	779	29	.99	26.75	5.4	74,023	91,009	5.74	4.63
July.....	1,691	62	1.07	29.45	5.5	70,253	86,010	5.36	4.46
August.....	1,304	47	1.01	28.14	5.7	55,429	53,539	4.88	3.73
September.....	1,632	58	1.05	29.24	6.0	59,978	71,649	4.90	3.84
October.....	1,580	58	.99	26.85	5.5	65,604	80,671	4.58	3.67
November.....	1,034	38	1.10	30.14	5.7	68,387	84,595	4.58	3.73
December.....	1,665	60	1.04	28.69	5.7	76,247	93,063	4.94	4.00
<b>Total.....</b>	<b>12,310</b>	<b>447</b>	<b>.98</b>	<b>27.09</b>	<b>5.7</b>	<b>797,702</b>	<b>927,983</b>	<b>5.27</b>	<b>4.26</b>
<b>2004</b>									
January.....	1,268	45	.99	27.50	5.8	60,960	61,578	5.94	4.60
February.....	1,007	36	.95	26.80	5.9	66,878	64,762	5.79	4.54
March.....	1,198	43	.91	25.27	5.7	67,905	66,679	5.47	4.34
April.....	1,645	59	.94	25.96	5.6	65,482	63,509	5.57	4.40
<b>Total.....</b>	<b>5,117</b>	<b>184</b>	<b>.95</b>	<b>26.34</b>	<b>5.8</b>	<b>261,224</b>	<b>256,528</b>	<b>5.69</b>	<b>4.47</b>
<b>Year to Date</b>									
2002.....	1,333	48	.76	21.19	5.8	289,097	281,273	2.85	1.61
2003.....	1,864	68	.77	21.16	6.2	256,674	279,603	5.77	4.71
2004.....	5,117	184	.95	26.34	5.8	261,224	256,528	5.69	4.47
<b>Rolling 12 Months Ending in April</b>									
2003.....	4,377	158	.77	21.18	6.0	820,124	826,769	4.30	3.52
2004.....	15,563	563	1.00	27.56	5.7	802,252	904,908	5.25	4.19

<sup>1</sup> Natural gas, including a small amount of supplemental gaseous fuels. Natural gas values for 2002 and 2004 do not include blast furnace gas or other gas.

<sup>2</sup> Includes blast furnace gas and other gases in 2003.

<sup>3</sup> Prior to 2002, these data were not collected from the Industrial Sector.

NA = Not available.

Notes: •See Glossary for definitions. •Values for 2003 and 2004 are preliminary. Values for 2001 and 2002 are final. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Price data on the Form EIA-423 are proprietary and are only reported at an aggregated level. •Mcf = thousand cubic feet. •Monetary values are expressed in nominal terms.

Source: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report."

**Table 4.6.A. Receipts of Coal Delivered for Electricity Generation by State, April 2004 and 2003**  
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	Apr 2004	Apr 2003	Percent Change	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003
<b>New England.....</b>	<b>530</b>	<b>816</b>	<b>-35.1</b>	<b>90</b>	<b>128</b>	<b>411</b>	<b>679</b>	--	--	<b>9</b>	<b>10</b>
Connecticut.....	42	212	-80.1	--	--	42	212	--	--	--	--
Maine.....	26	20	26.8	--	--	17	10	--	--	9	10
Massachusetts.....	372	499	-25.4	--	43	352	457	--	--	--	--
New Hampshire.....	90	85	5.6	90	85	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>4,395</b>	<b>4,110</b>	<b>6.9</b>	<b>170</b>	<b>209</b>	<b>4,099</b>	<b>3,826</b>	--	--	<b>125</b>	<b>75</b>
New Jersey.....	153	339	-54.7	48	62	106	277	--	--	--	--
New York.....	773	754	2.6	66	68	658	627	--	--	49	59
Pennsylvania.....	3,468	3,017	14.9	57	79	3,335	2,922	--	--	76	16
<b>East North Central.....</b>	<b>16,788</b>	<b>14,400</b>	<b>16.6</b>	<b>12,565</b>	<b>11,262</b>	<b>3,899</b>	<b>2,841</b>	<b>17</b>	<b>18</b>	<b>307</b>	<b>278</b>
Illinois.....	4,548	3,413	33.3	650	612	3,664	2,588	2	--	232	213
Indiana.....	4,377	4,320	1.3	4,190	4,210	187	111	--	--	--	--
Michigan.....	3,146	2,953	6.5	3,082	2,922	36	12	16	18	13	--
Ohio.....	2,898	2,085	39.0	2,863	1,933	12	130	--	--	22	22
Wisconsin.....	1,820	1,628	11.8	1,780	1,585	--	--	--	--	39	44
<b>West North Central.....</b>	<b>11,302</b>	<b>7,467</b>	<b>51.4</b>	<b>11,122</b>	<b>7,370</b>	<b>88</b>	<b>--</b>	<b>11</b>	<b>11</b>	<b>81</b>	<b>86</b>
Iowa.....	1,856	1,461	27.0	1,775	1,376	--	--	--	--	81	86
Kansas.....	1,572	1,191	32.1	1,572	1,191	--	--	--	--	--	--
Minnesota.....	1,623	1,635	-7	1,535	1,635	88	--	--	--	--	--
Missouri.....	3,585	1,082	231.4	3,574	1,071	--	--	11	11	--	--
Nebraska.....	533	235	126.4	533	235	--	--	--	--	--	--
North Dakota.....	1,936	1,693	14.4	1,936	1,693	--	--	--	--	--	--
South Dakota.....	196	169	16.1	196	169	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>11,998</b>	<b>14,314</b>	<b>-16.2</b>	<b>9,216</b>	<b>11,428</b>	<b>2,595</b>	<b>2,770</b>	--	--	<b>187</b>	<b>116</b>
Delaware.....	127	171	-25.9	--	--	127	171	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	1,071	1,933	-44.6	890	1,822	181	110	--	--	--	--
Georgia.....	3,656	2,804	30.4	3,589	2,765	--	--	--	--	67	39
Maryland.....	1,088	883	23.2	--	--	1,088	883	--	--	--	--
North Carolina.....	1,473	2,797	-47.3	1,287	2,651	130	114	--	--	57	32
South Carolina.....	700	1,072	-34.8	682	1,055	--	--	--	--	17	17
Virginia.....	1,167	1,213	-3.8	896	872	262	324	--	--	10	16
West Virginia.....	2,716	3,440	-21.0	1,873	2,262	807	1,167	--	--	36	11
<b>East South Central.....</b>	<b>8,882</b>	<b>9,289</b>	<b>-4.4</b>	<b>8,204</b>	<b>8,594</b>	<b>546</b>	<b>550</b>	--	--	<b>133</b>	<b>145</b>
Alabama.....	2,014	2,390	-15.7	2,008	2,381	7	9	--	--	--	--
Kentucky.....	3,242	3,381	-4.1	2,967	3,068	275	313	--	--	--	--
Mississippi.....	843	580	45.5	580	352	264	228	--	--	--	--
Tennessee.....	2,782	2,938	-5.3	2,649	2,793	--	--	--	--	133	145
<b>West South Central.....</b>	<b>8,189</b>	<b>9,668</b>	<b>-15.3</b>	<b>4,786</b>	<b>5,523</b>	<b>3,188</b>	<b>3,914</b>	--	--	<b>215</b>	<b>231</b>
Arkansas.....	607	961	-36.8	607	961	--	--	--	--	--	--
Louisiana.....	338	862	-60.8	335	300	--	561	--	--	2	1
Oklahoma.....	1,448	1,817	-20.3	1,330	1,697	78	80	--	--	40	40
Texas.....	5,797	6,028	-3.8	2,514	2,566	3,110	3,272	--	--	173	190
<b>Mountain.....</b>	<b>8,239</b>	<b>7,294</b>	<b>12.9</b>	<b>7,840</b>	<b>7,000</b>	<b>360</b>	<b>263</b>	--	--	<b>39</b>	<b>31</b>
Arizona.....	1,567	1,168	34.2	1,528	1,137	--	--	--	--	39	31
Colorado.....	1,435	1,618	-11.3	1,435	1,618	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	768	627	22.6	445	364	324	263	--	--	--	--
Nevada.....	249	346	-28.2	249	346	--	--	--	--	--	--
New Mexico.....	1,160	640	81.4	1,160	640	--	--	--	--	--	--
Utah.....	1,172	1,224	-4.2	1,136	1,224	36	--	--	--	--	--
Wyoming.....	1,887	1,672	12.9	1,887	1,672	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>999</b>	<b>846</b>	<b>18.1</b>	<b>222</b>	<b>263</b>	<b>702</b>	<b>541</b>	--	--	<b>75</b>	<b>42</b>
California.....	135	81	67.1	--	--	60	39	--	--	75	42
Oregon.....	222	263	-15.4	222	263	--	--	--	--	--	--
Washington.....	642	502	27.8	--	--	642	502	--	--	--	--
<b>Pacific Noncontiguous..</b>	<b>61</b>	<b>60</b>	<b>1.5</b>	<b>--</b>	<b>--</b>	<b>61</b>	<b>60</b>	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	61	60	1.5	--	--	61	60	--	--	--	--
<b>U.S. Total.....</b>	<b>71,384</b>	<b>68,263</b>	<b>4.6</b>	<b>54,235</b>	<b>51,776</b>	<b>15,949</b>	<b>15,443</b>	<b>28</b>	<b>30</b>	<b>1,172</b>	<b>1,014</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> Data shown for electric utilities are collected by the Federal Energy Regulatory Commission on the FERC Form 423.

Notes: •See Glossary for definitions. •Data for 2003 and 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Coal includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

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

**Table 4.6.B. Receipts of Coal Delivered for Electricity Generation by State, Year-to-Date through April 2004 and 2003**

(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>2,320</b>	<b>2,735</b>	<b>-15.2</b>	<b>479</b>	<b>511</b>	<b>1,730</b>	<b>2,190</b>	--	--	<b>36</b>	<b>35</b>
Connecticut.....	387	607	-36.2	--	--	387	607	--	--	--	--
Maine.....	102	84	20.3	--	--	65	50	--	--	36	35
Massachusetts.....	1,351	1,664	-18.8	--	131	1,278	1,533	--	--	--	--
New Hampshire.....	479	380	26.3	479	380	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>17,764</b>	<b>15,676</b>	<b>13.3</b>	<b>662</b>	<b>619</b>	<b>16,593</b>	<b>14,667</b>	--	--	<b>509</b>	<b>390</b>
New Jersey.....	709	1,082	-34.5	209	172	499	910	--	--	--	--
New York.....	3,063	3,005	1.9	222	213	2,633	2,569	--	--	208	222
Pennsylvania.....	13,992	11,589	20.7	231	233	13,460	11,187	--	--	301	168
<b>East North Central.....</b>	<b>66,998</b>	<b>64,442</b>	<b>4.0</b>	<b>46,510</b>	<b>49,879</b>	<b>19,132</b>	<b>13,673</b>	<b>92</b>	<b>85</b>	<b>1,264</b>	<b>805</b>
Illinois.....	22,101	15,727	40.5	3,020	2,493	18,093	12,671	20	--	968	563
Indiana.....	15,721	17,028	-7.7	15,116	16,534	605	494	--	--	--	--
Michigan.....	9,327	8,289	12.5	9,144	8,191	50	12	71	85	62	--
Ohio.....	12,927	16,711	-22.6	12,449	16,117	384	496	--	--	95	98
Wisconsin.....	6,922	6,688	3.5	6,781	6,544	--	--	--	--	140	144
<b>West North Central.....</b>	<b>44,028</b>	<b>41,832</b>	<b>5.2</b>	<b>43,373</b>	<b>41,588</b>	<b>228</b>	<b>--</b>	<b>51</b>	<b>51</b>	<b>376</b>	<b>193</b>
Iowa.....	6,963	6,625	5.1	6,587	6,432	--	--	--	--	376	193
Kansas.....	6,124	5,843	4.8	6,124	5,843	--	--	--	--	--	--
Minnesota.....	5,245	6,116	-14.2	5,017	6,116	228	--	--	--	--	--
Missouri.....	13,761	11,266	22.2	13,710	11,215	--	--	51	51	--	--
Nebraska.....	3,721	2,891	28.7	3,721	2,891	--	--	--	--	--	--
North Dakota.....	7,460	8,424	-11.4	7,460	8,424	--	--	--	--	--	--
South Dakota.....	754	667	13.1	754	667	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>52,004</b>	<b>52,908</b>	<b>-1.7</b>	<b>40,510</b>	<b>41,917</b>	<b>10,710</b>	<b>10,444</b>	--	--	<b>784</b>	<b>547</b>
Delaware.....	768	611	25.6	--	--	768	611	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	6,721	7,276	-7.6	5,912	6,556	810	720	--	--	--	--
Georgia.....	13,075	10,640	22.9	12,837	10,532	--	--	--	--	238	107
Maryland.....	4,214	3,706	13.7	--	--	4,214	3,706	--	--	--	--
North Carolina.....	7,083	9,048	-21.7	6,398	8,392	425	502	--	--	259	154
South Carolina.....	4,023	4,137	-2.7	3,952	4,061	--	--	--	--	71	76
Virginia.....	4,717	4,990	-5.5	3,417	3,769	1,235	1,137	--	--	65	83
West Virginia.....	11,403	12,502	-8.8	7,994	8,607	3,258	3,768	--	--	151	127
<b>East South Central.....</b>	<b>35,315</b>	<b>33,268</b>	<b>6.2</b>	<b>32,449</b>	<b>31,140</b>	<b>2,273</b>	<b>1,544</b>	--	--	<b>593</b>	<b>584</b>
Alabama.....	8,520	8,113	5.0	8,482	8,070	38	43	--	--	--	--
Kentucky.....	12,548	12,749	-1.6	11,450	11,800	1,097	949	--	--	--	--
Mississippi.....	3,164	2,120	49.2	2,027	1,569	1,137	552	--	--	--	--
Tennessee.....	11,083	10,285	7.8	10,490	9,701	--	--	--	--	593	584
<b>West South Central.....</b>	<b>34,830</b>	<b>36,470</b>	<b>-4.5</b>	<b>22,044</b>	<b>23,424</b>	<b>11,846</b>	<b>12,112</b>	--	--	<b>940</b>	<b>933</b>
Arkansas.....	4,444	3,947	12.6	4,444	3,947	--	--	--	--	--	--
Louisiana.....	2,939	2,665	10.3	1,268	2,096	1,661	561	--	--	11	8
Oklahoma.....	6,360	6,763	-6.0	5,883	6,206	318	372	--	--	159	184
Texas.....	21,087	23,095	-8.7	10,449	11,176	9,868	11,178	--	--	770	741
<b>Mountain.....</b>	<b>33,809</b>	<b>30,426</b>	<b>11.1</b>	<b>31,977</b>	<b>28,942</b>	<b>1,691</b>	<b>1,362</b>	--	--	<b>141</b>	<b>122</b>
Arizona.....	6,098	4,693	29.9	5,957	4,571	--	--	--	--	141	122
Colorado.....	6,398	6,056	5.6	6,398	6,056	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	3,821	3,377	13.2	2,297	2,015	1,524	1,362	--	--	--	--
Nevada.....	1,404	3,175	-55.8	1,404	3,175	--	--	--	--	--	--
New Mexico.....	4,292	3,158	35.9	4,292	3,158	--	--	--	--	--	--
Utah.....	4,517	4,070	11.0	4,351	4,070	167	--	--	--	--	--
Wyoming.....	7,278	5,897	23.4	7,278	5,897	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>3,473</b>	<b>3,477</b>	<b>-1</b>	<b>874</b>	<b>915</b>	<b>2,395</b>	<b>2,381</b>	--	--	<b>203</b>	<b>180</b>
California.....	450	390	15.1	--	--	246	210	--	--	203	180
Oregon.....	874	915	-4.4	874	915	--	--	--	--	--	--
Washington.....	2,149	2,171	-1.0	--	--	2,149	2,171	--	--	--	--
<b>Pacific Noncontiguous..</b>	<b>237</b>	<b>239</b>	<b>-9</b>	<b>--</b>	<b>--</b>	<b>237</b>	<b>239</b>	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	237	239	-9	--	--	237	239	--	--	--	--
<b>U.S. Total.....</b>	<b>290,778</b>	<b>281,472</b>	<b>3.3</b>	<b>218,953</b>	<b>218,935</b>	<b>66,836</b>	<b>58,612</b>	<b>143</b>	<b>136</b>	<b>4,847</b>	<b>3,789</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> Data shown for electric utilities are collected by the Federal Energy Regulatory Commission on the FERC Form 423.

Notes: •See Glossary for definitions. •Data for 2003 and 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Coal includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

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

**Table 4.7.A. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, April 2004 and 2003**  
(Thousand Barrels)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	Apr 2004	Apr 2003	Percent Change	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003
<b>New England.....</b>	<b>801</b>	<b>533<sup>R</sup></b>	<b>50.4</b>	<b>261</b>	<b>15<sup>R</sup></b>	<b>480</b>	<b>517</b>	--	--	<b>60</b>	*
Connecticut.....	5	328	-98.4	--	--	5	328	--	--	--	--
Maine.....	60	72	-16.7	--	--	--	72	--	--	60	*
Massachusetts.....	475	118	303.5	*	*	475	117	--	--	--	--
New Hampshire.....	261	15 <sup>R</sup>	NM	261	15 <sup>R</sup>	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>3,746</b>	<b>3,454</b>	<b>8.5</b>	<b>1,186</b>	<b>1,098</b>	<b>2,559</b>	<b>2,354</b>	--	--	<b>1</b>	<b>2</b>
New Jersey.....	110	123	-11.1	105	106	4	17	--	--	--	--
New York.....	3,274	2,553	28.2	1,081	992	2,193	1,560	--	--	*	2
Pennsylvania.....	363	777	-53.3	*	*	362	777	--	--	1	--
<b>East North Central.....</b>	<b>407</b>	<b>340</b>	<b>19.5</b>	<b>176</b>	<b>282</b>	<b>224</b>	<b>27</b>	--	--	<b>7</b>	<b>32</b>
Illinois.....	228	27	751.8	6	--	222	27	--	--	--	--
Indiana.....	13	60	-78.7	12	30	--	--	--	--	1	31
Michigan.....	138	173	-19.9	134	173	--	--	--	--	4	--
Ohio.....	24	69	-65.3	21	68	1	--	--	--	1	1
Wisconsin.....	3	12	-71.5	3	12	--	--	--	--	--	*
<b>West North Central.....</b>	<b>159</b>	<b>98</b>	<b>61.4</b>	<b>158</b>	<b>98</b>	<b>1</b>	<b>--</b>	--	--	<b>*</b>	<b>--</b>
Iowa.....	10	3	199.1	10	3	--	--	--	--	--	--
Kansas.....	135	79	70.9	135	79	--	--	--	--	--	--
Minnesota.....	3	10	-67.9	3	10	1	--	--	--	*	--
Missouri.....	7	1	708.9	7	1	--	--	--	--	--	--
Nebraska.....	1	2	-39.6	1	2	--	--	--	--	--	--
North Dakota.....	2	3	-39.0	2	3	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>2,712</b>	<b>5,775</b>	<b>-53.0</b>	<b>2,015</b>	<b>4,917</b>	<b>529</b>	<b>707</b>	--	--	<b>167</b>	<b>151</b>
Delaware.....	224	183	22.5	--	14	188	124	--	--	35	44
District of Columbia.....	1	3	-81.3	--	--	1	3	--	--	--	--
Florida.....	1,704	4,329	-60.6	1,440	3,965	248	335	--	--	16	29
Georgia.....	46	8	457.0	33	8	--	--	--	--	13	--
Maryland.....	90	161	-44.1	--	--	90	161	--	--	--	--
North Carolina.....	39	59	-34.9	11	38	*	4	--	--	27	18
South Carolina.....	36	36	-4	--	6	--	--	--	--	36	30
Virginia.....	530	951	-44.3	493	845	2	79	--	--	35	26
West Virginia.....	43	45	-4.7	38	40	1	1	--	--	4	4
<b>East South Central.....</b>	<b>314</b>	<b>50</b>	<b>530.0</b>	<b>312</b>	<b>46</b>	<b>2</b>	<b>--</b>	--	--	<b>*</b>	<b>4</b>
Alabama.....	8	12	-32.2	8	8	--	--	--	--	*	4
Kentucky.....	8	18	-56.1	6	18	2	--	--	--	--	--
Mississippi.....	278	9	NM	278	9	--	--	--	--	--	--
Tennessee.....	21	11	80.1	21	11	--	--	--	--	--	--
<b>West South Central.....</b>	<b>324</b>	<b>86</b>	<b>275.8</b>	<b>238</b>	<b>41</b>	<b>21</b>	<b>8</b>	--	--	<b>65</b>	<b>37</b>
Arkansas.....	9	12	-28.8	9	12	--	--	--	--	--	--
Louisiana.....	250	42	494.5	216	28	--	8	--	--	34	7
Oklahoma.....	--	1	-100.0	--	1	--	--	--	--	--	--
Texas.....	65	31	111.5	14	--	21	*	--	--	30	30
<b>Mountain.....</b>	<b>19</b>	<b>37</b>	<b>-47.3</b>	<b>18</b>	<b>35</b>	<b>1</b>	<b>2</b>	--	--	<b>--</b>	<b>*</b>
Arizona.....	5	11	-53.0	5	10	--	--	--	--	--	--
Colorado.....	1	3	-73.1	1	3	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	3	7	-56.7	2	5	1	2	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	1	6	-82.4	1	6	--	--	--	--	--	--
Utah.....	4	6	-39.2	4	6	--	--	--	--	--	--
Wyoming.....	6	5	27.5	6	5	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>42</b>	<b>12</b>	<b>246.7</b>	<b>--</b>	<b>--</b>	<b>*</b>	<b>--</b>	--	--	<b>42</b>	<b>12</b>
California.....	15	--	--	--	--	*	--	--	--	15	--
Oregon.....	--	--	--	--	--	--	--	--	--	--	--
Washington.....	27	12	121.9	--	--	*	--	--	--	27	12
<b>Pacific Noncontiguous..</b>	<b>181</b>	<b>124</b>	<b>45.7</b>	<b>--</b>	<b>--</b>	<b>181</b>	<b>124</b>	--	--	<b>--</b>	<b>--</b>
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	181	124	45.7	--	--	181	124	--	--	--	--
<b>U.S. Total.....</b>	<b>8,704</b>	<b>10,509<sup>R</sup></b>	<b>-17.2</b>	<b>4,365</b>	<b>6,532<sup>R</sup></b>	<b>3,998</b>	<b>3,740</b>	--	--	<b>341</b>	<b>237</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> Data shown for electric utilities are collected by the Federal Energy Regulatory Commission on the FERC Form 423.

NM = Not meaningful due to large relative standard error or excessive percentage change.

R = Revised.

Notes: •See Glossary for definitions. •Data for 2003 and 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

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

**Table 4.7.B. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, Year-to-Date through April 2004 and 2003**  
(Thousand Barrels)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>10,377</b>	<b>7,702<sup>R</sup></b>	<b>34.7</b>	<b>1,795</b>	<b>1,824<sup>R</sup></b>	<b>8,333</b>	<b>5,776</b>	<b>14</b>	<b>--</b>	<b>234</b>	<b>102</b>
Connecticut.....	1,108	1,009	9.7	--	--	1,108	1,009	--	--	--	--
Maine.....	1,133	1,754	-35.4	--	--	898	1,652	--	--	234	102
Massachusetts.....	6,868	4,024 <sup>R</sup>	70.7	619	909 <sup>R</sup>	6,235	3,114	14	--	--	--
New Hampshire.....	1,267	915	38.4	1,177	915	90	--	--	--	--	--
Rhode Island.....	1	--	--	--	--	1	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>16,477</b>	<b>21,040</b>	<b>-21.7</b>	<b>4,921</b>	<b>12,678</b>	<b>11,461</b>	<b>8,271</b>	<b>1</b>	<b>15</b>	<b>94</b>	<b>76</b>
New Jersey.....	406	667	-39.1	297	298	109	365	--	--	--	4
New York.....	13,446	16,900	-20.4	4,625	12,380	8,781	4,454	1	15	39	51
Pennsylvania.....	2,625	3,474	-24.4	*	*	2,570	3,452	--	--	55	22
<b>East North Central.....</b>	<b>1,658</b>	<b>1,059</b>	<b>56.5</b>	<b>1,035</b>	<b>565</b>	<b>549</b>	<b>288</b>	<b>13</b>	<b>--</b>	<b>61</b>	<b>206</b>
Illinois.....	546	235	132.8	19	4	515	231	13	--	--	--
Indiana.....	68	305	-77.8	56	105	--	--	--	--	12	200
Michigan.....	603	326	85.0	560	326	--	--	--	--	43	--
Ohio.....	408	146	179.5	388	98	15	42	--	--	6	5
Wisconsin.....	33	47	-31.2	11	31	20	15	--	--	1	1
<b>West North Central.....</b>	<b>556</b>	<b>341</b>	<b>63.2</b>	<b>554</b>	<b>340</b>	<b>2</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>*</b>	<b>*</b>
Iowa.....	57	34	68.4	57	34	--	--	--	--	--	--
Kansas.....	419	259	61.6	419	259	--	--	--	--	--	--
Minnesota.....	32	14	131.8	30	14	2	--	--	--	*	*
Missouri.....	29	20	44.7	29	20	--	--	--	--	--	--
Nebraska.....	7	3	129.3	7	3	--	--	--	--	--	--
North Dakota.....	11	10	7.4	11	10	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>16,756</b>	<b>19,097</b>	<b>-12.3</b>	<b>12,691</b>	<b>14,694</b>	<b>3,329</b>	<b>3,440</b>	<b>--</b>	<b>186</b>	<b>737</b>	<b>777</b>
Delaware.....	776	1,357	-42.8	79	42	570	1,037	--	--	127	278
District of Columbia.....	33	86	-61.3	--	--	33	86	--	--	--	--
Florida.....	9,294	12,328	-24.6	8,768	11,551	464	633	--	--	62	145
Georgia.....	183	90	103.7	105	44	--	41	--	--	77	5
Maryland.....	757	885	-14.5	--	--	757	885	--	--	--	--
North Carolina.....	238	388	-38.7	73	204	44	97	--	--	120	87
South Carolina.....	207	158	30.4	19	27	--	--	--	--	187	131
Virginia.....	5,081	3,621	40.3	3,481	2,672	1,450	636	--	186	150	127
West Virginia.....	188	183	2.7	165	154	11	25	--	--	12	4
<b>East South Central.....</b>	<b>1,743</b>	<b>583</b>	<b>199.0</b>	<b>1,700</b>	<b>557</b>	<b>12</b>	<b>8</b>	<b>--</b>	<b>--</b>	<b>31</b>	<b>18</b>
Alabama.....	85	40	113.9	54	22	--	--	--	--	31	18
Kentucky.....	39	80	-51.3	28	72	12	8	--	--	--	--
Mississippi.....	1,553	409	279.8	1,553	409	--	--	--	--	--	--
Tennessee.....	66	54	22.3	66	54	--	--	--	--	--	--
<b>West South Central.....</b>	<b>1,036</b>	<b>1,362</b>	<b>-23.9</b>	<b>662</b>	<b>1,035</b>	<b>68</b>	<b>130</b>	<b>--</b>	<b>--</b>	<b>306</b>	<b>197</b>
Arkansas.....	19	26	-27.6	19	26	--	--	--	--	--	--
Louisiana.....	737	978	-24.6	581	928	6	8	--	--	150	42
Oklahoma.....	--	28	--	--	28	--	--	--	--	--	--
Texas.....	280	329	-15.0	62	52	62	122	--	--	156	155
<b>Mountain.....</b>	<b>107</b>	<b>174</b>	<b>-38.6</b>	<b>92</b>	<b>146</b>	<b>4</b>	<b>26</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>2</b>
Arizona.....	33	21	58.3	21	18	--	--	--	--	--	2
Colorado.....	5	10	-49.2	5	10	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	11	46	-76.8	7	20	4	26	--	--	--	--
Nevada.....	--	55	--	--	55	--	--	--	--	--	--
New Mexico.....	16	22	-25.3	16	22	--	--	--	--	--	--
Utah.....	17	13	36.9	17	13	--	--	--	--	--	--
Wyoming.....	25	9	191.4	25	9	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>129</b>	<b>41</b>	<b>213.0</b>	<b>--</b>	<b>--</b>	<b>1</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>128</b>	<b>41</b>
California.....	17	--	--	--	--	1	--	--	--	16	--
Oregon.....	--	--	--	--	--	--	--	--	--	--	--
Washington.....	112	41	171.7	--	--	*	--	--	--	112	41
<b>Pacific Noncontiguous..</b>	<b>686</b>	<b>542</b>	<b>26.6</b>	<b>--</b>	<b>--</b>	<b>686</b>	<b>542</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	686	542	26.6	--	--	686	542	--	--	--	--
<b>U.S. Total.....</b>	<b>49,524</b>	<b>51,940<sup>R</sup></b>	<b>-4.7</b>	<b>23,449</b>	<b>31,838<sup>R</sup></b>	<b>24,455</b>	<b>18,481</b>	<b>28</b>	<b>202</b>	<b>1,591</b>	<b>1,419</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> Data shown for electric utilities are collected by the Federal Energy Regulatory Commission on the FERC Form 423.

R = Revised.

Notes: •See Glossary for definitions. •Data for 2003 and 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

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

**Table 4.8.A. Receipts of Petroleum Coke Delivered for Electricity Generation by State, April 2004 and 2003**  
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	Apr 2004	Apr 2003	Percent Change	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003
<b>New England.....</b>	--	--	--	--	--	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--	--	--	--	--	--
Maine.....	--	--	--	--	--	--	--	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>77</b>	<b>10</b>	<b>645.9</b>	--	--	<b>63</b>	<b>2</b>	--	--	<b>14</b>	<b>8</b>
New Jersey.....	--	--	--	--	--	--	--	--	--	--	--
New York.....	42	2	NM	--	--	42	2	--	--	--	--
Pennsylvania.....	35	8	308.3	--	--	21	--	--	--	14	8
<b>East North Central.....</b>	<b>53</b>	<b>36</b>	<b>46.5</b>	<b>44</b>	<b>21</b>	--	--	--	--	<b>8</b>	<b>15</b>
Illinois.....	--	--	--	--	--	--	--	--	--	--	--
Indiana.....	14	--	--	14	--	--	--	--	--	--	--
Michigan.....	8	4	88.9	8	4	--	--	--	--	--	--
Ohio.....	--	--	--	--	--	--	--	--	--	--	--
Wisconsin.....	30	32	-4.1	22	17	--	--	--	--	8	15
<b>West North Central.....</b>	<b>8</b>	<b>9</b>	<b>-13.8</b>	<b>8</b>	<b>9</b>	--	--	--	--	--	--
Iowa.....	--	--	--	--	--	--	--	--	--	--	--
Kansas.....	--	--	--	--	--	--	--	--	--	--	--
Minnesota.....	8	9	-13.8	8	9	--	--	--	--	--	--
Missouri.....	--	--	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>159</b>	<b>150</b>	<b>6.2</b>	<b>122</b>	<b>150</b>	--	--	--	--	<b>37</b>	--
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	122	150	-18.8	122	150	--	--	--	--	--	--
Georgia.....	37	--	--	--	--	--	--	--	--	37	--
Maryland.....	--	--	--	--	--	--	--	--	--	--	--
North Carolina.....	--	--	--	--	--	--	--	--	--	--	--
South Carolina.....	--	--	--	--	--	--	--	--	--	--	--
Virginia.....	--	--	--	--	--	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
<b>East South Central.....</b>	<b>13</b>	<b>7</b>	<b>89.8</b>	--	<b>2</b>	<b>13</b>	<b>5</b>	--	--	--	--
Alabama.....	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	13	7	89.8	--	2	13	5	--	--	--	--
Mississippi.....	--	--	--	--	--	--	--	--	--	--	--
Tennessee.....	--	--	--	--	--	--	--	--	--	--	--
<b>West South Central.....</b>	<b>93</b>	<b>50</b>	<b>87.3</b>	--	--	<b>93</b>	<b>50</b>	--	--	--	--
Arkansas.....	--	--	--	--	--	--	--	--	--	--	--
Louisiana.....	46	50	-7.3	--	--	46	50	--	--	--	--
Oklahoma.....	--	--	--	--	--	--	--	--	--	--	--
Texas.....	47	--	--	--	--	47	--	--	--	--	--
<b>Mountain.....</b>	--	--	--	--	--	--	--	--	--	--	--
Arizona.....	--	--	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>10</b>	<b>10</b>	<b>-8</b>	--	--	<b>10</b>	<b>10</b>	--	--	--	--
California.....	10	10	-8	--	--	10	10	--	--	--	--
Oregon.....	--	--	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Noncontiguous..</b>	--	--	--	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>413</b>	<b>272</b>	<b>51.6</b>	<b>174</b>	<b>182</b>	<b>179</b>	<b>66</b>	--	--	<b>59</b>	<b>23</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> Data shown for electric utilities are collected by the Federal Energy Regulatory Commission on the FERC Form 423.

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: •See Glossary for definitions. •Data for 2003 and 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data.

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

**Table 4.8.B. Receipts of Petroleum Coke Delivered for Electricity Generation by State, Year-to-Date through April 2004 and 2003**  
(Thousand Tons)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	--	--	--	--	--	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--	--	--	--	--	--
Maine.....	--	--	--	--	--	--	--	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>229</b>	<b>41</b>	<b>463.3</b>	--	--	<b>188</b>	<b>12</b>	--	--	<b>41</b>	<b>28</b>
New Jersey.....	--	--	--	--	--	--	--	--	--	--	--
New York.....	121	9	NM	--	--	121	9	--	--	--	--
Pennsylvania.....	107	31	243.6	--	--	67	3	--	--	41	28
<b>East North Central.....</b>	<b>131</b>	<b>83</b>	<b>58.1</b>	<b>83</b>	<b>43</b>	--	--	--	--	<b>48</b>	<b>39</b>
Illinois.....	--	--	--	--	--	--	--	--	--	--	--
Indiana.....	46	--	--	46	--	--	--	--	--	--	--
Michigan.....	15	13	17.5	15	13	--	--	--	--	--	--
Ohio.....	--	--	--	--	--	--	--	--	--	--	--
Wisconsin.....	70	70	.1	22	30	--	--	--	--	48	39
<b>West North Central.....</b>	<b>45</b>	<b>72</b>	<b>-36.7</b>	<b>45</b>	<b>72</b>	--	--	--	--	--	--
Iowa.....	--	--	--	--	--	--	--	--	--	--	--
Kansas.....	--	--	--	--	--	--	--	--	--	--	--
Minnesota.....	45	72	-36.7	45	72	--	--	--	--	--	--
Missouri.....	--	--	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>982</b>	<b>511</b>	<b>92.1</b>	<b>887</b>	<b>511</b>	--	--	--	--	<b>95</b>	--
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	887	511	73.5	887	511	--	--	--	--	--	--
Georgia.....	95	--	--	--	--	--	--	--	--	95	--
Maryland.....	--	--	--	--	--	--	--	--	--	--	--
North Carolina.....	--	--	--	--	--	--	--	--	--	--	--
South Carolina.....	--	--	--	--	--	--	--	--	--	--	--
Virginia.....	--	--	--	--	--	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
<b>East South Central.....</b>	<b>118</b>	<b>49</b>	<b>140.9</b>	--	<b>5</b>	<b>118</b>	<b>43</b>	--	--	--	--
Alabama.....	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	118	49	140.9	--	5	118	43	--	--	--	--
Mississippi.....	--	--	--	--	--	--	--	--	--	--	--
Tennessee.....	--	--	--	--	--	--	--	--	--	--	--
<b>West South Central.....</b>	<b>380</b>	<b>269</b>	<b>41.3</b>	--	--	<b>380</b>	<b>269</b>	--	--	--	--
Arkansas.....	--	--	--	--	--	--	--	--	--	--	--
Louisiana.....	211	215	-1.7	--	--	211	215	--	--	--	--
Oklahoma.....	--	--	--	--	--	--	--	--	--	--	--
Texas.....	169	55	210.4	--	--	169	55	--	--	--	--
<b>Mountain.....</b>	--	--	--	--	--	--	--	--	--	--	--
Arizona.....	--	--	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>41</b>	<b>64</b>	<b>-36.0</b>	--	--	<b>41</b>	<b>64</b>	--	--	--	--
California.....	41	64	-36.0	--	--	41	64	--	--	--	--
Oregon.....	--	--	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Noncontiguous..</b>	--	--	--	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>1,926</b>	<b>1,088</b>	<b>77.0</b>	<b>1,015</b>	<b>631</b>	<b>727</b>	<b>389</b>	--	--	<b>184</b>	<b>68</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> Data shown for electric utilities are collected by the Federal Energy Regulatory Commission on the FERC Form 423.

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: •See Glossary for definitions. •Data for 2003 and 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data.

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

**Table 4.9.A. Receipts of Natural Gas Delivered for Electricity Generation by State, April 2004 and 2003**  
(Thousand Mcf)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	Apr 2004	Apr 2003	Percent Change	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003	Apr 2004	Apr 2003
<b>New England.....</b>	<b>32,209</b>	<b>21,102<sup>R</sup></b>	<b>52.6</b>	<b>21</b>	<b>18<sup>R</sup></b>	<b>27,287</b>	<b>21,084</b>	--	--	<b>1,100</b>	--
Connecticut.....	2,976	3,140	-5.2	--	--	2,976	3,140	--	--	--	--
Maine.....	6,523	5,626	15.9	--	--	5,423	5,626	--	--	1,100	--
Massachusetts.....	17,274	9,267 <sup>R</sup>	86.4	21	18 <sup>R</sup>	17,253	9,249	--	--	--	--
New Hampshire.....	3,801	--	--	--	--	--	--	--	--	--	--
Rhode Island.....	1,635	3,068	-46.7	--	--	1,635	3,068	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>25,550</b>	<b>24,297</b>	<b>5.2</b>	<b>1,154</b>	<b>2,539</b>	<b>22,276</b>	<b>20,095</b>	<b>246</b>	<b>124</b>	<b>1,873</b>	<b>1,538</b>
New Jersey.....	6,753	8,313	-18.8	--	--	6,360	8,271	--	--	393	42
New York.....	14,092	11,906	18.4	1,154	2,539	12,166	8,814	246	124	525	429
Pennsylvania.....	4,705	4,078	15.4	--	--	3,750	3,010	--	--	955	1,067
<b>East North Central.....</b>	<b>14,422</b>	<b>13,605<sup>R</sup></b>	<b>6.0</b>	<b>468</b>	<b>1,534<sup>R</sup></b>	<b>11,779</b>	<b>9,732</b>	<b>964</b>	<b>6</b>	<b>1,211</b>	<b>2,333</b>
Illinois.....	2,522	1,885	33.8	21	25	1,023	1,174	961	--	517	686
Indiana.....	2,056	1,727	19.0	87	137	1,755	153	--	--	214	1,436
Michigan.....	8,527	9,049 <sup>R</sup>	-5.8	111	1,226 <sup>R</sup>	8,025	7,817	3	6	388	--
Ohio.....	408	159	157.0	16	13	375	83	--	--	17	63
Wisconsin.....	909	785	15.8	234	132	602	504	--	132	74	149
<b>West North Central.....</b>	<b>3,648</b>	<b>3,342</b>	<b>9.2</b>	<b>1,840</b>	<b>1,629</b>	<b>1,799</b>	<b>1,672</b>	<b>6</b>	<b>22</b>	<b>3</b>	<b>19</b>
Iowa.....	213	555	-61.6	213	182	--	373	--	--	--	--
Kansas.....	339	410	-17.3	339	410	--	--	--	--	--	--
Minnesota.....	1,146	558	105.5	664	46	479	493	--	--	3	19
Missouri.....	1,910	1,819	5.0	583	990	1,321	807	6	22	--	--
Nebraska.....	39	*	NM	39	*	--	--	--	--	--	--
North Dakota.....	1	--	--	1	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>42,438</b>	<b>49,234</b>	<b>-13.8</b>	<b>31,148</b>	<b>29,238</b>	<b>9,619</b>	<b>9,939</b>	<b>--</b>	<b>4</b>	<b>1,671</b>	<b>10,053</b>
Delaware.....	705	1,708	-58.7	5	110	581	821	--	--	119	776
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	34,105	32,601	4.6	28,997	27,590	4,637	4,173	--	--	470	838
Georgia.....	3,224	1,063	203.4	1	*	2,780	926	--	--	444	136
Maryland.....	376	614	-38.8	--	--	376	614	--	--	--	--
North Carolina.....	56	1,766	-96.8	*	*	56	1,731	--	--	--	34
South Carolina.....	294	153	92.5	--	--	287	140	--	--	6	13
Virginia.....	2,855	3,141	-9.1	2,145	1,521	510	1,409	--	4	200	208
West Virginia.....	823	8,190	-89.9	--	17	392	126	--	--	431	8,047
<b>East South Central.....</b>	<b>17,566</b>	<b>16,712</b>	<b>5.1</b>	<b>10,126</b>	<b>7,278</b>	<b>6,831</b>	<b>1,602</b>	<b>--</b>	<b>*</b>	<b>610</b>	<b>7,832</b>
Alabama.....	11,004	11,519	-4.5	5,808	3,856	4,628	284	--	--	568	7,379
Kentucky.....	57	114	-50.0	46	35	10	78	--	*	--	--
Mississippi.....	6,464	5,053	27.9	4,271	3,387	2,193	1,231	--	--	--	435
Tennessee.....	42	27	53.6	--	--	--	9	--	--	42	18
<b>West South Central.....</b>	<b>174,253</b>	<b>163,246</b>	<b>6.7</b>	<b>37,318</b>	<b>40,855</b>	<b>90,230</b>	<b>75,699</b>	<b>418</b>	<b>1,223</b>	<b>46,288</b>	<b>45,469</b>
Arkansas.....	2,295	4,848	-52.7	21	708	2,274	4,140	--	--	--	--
Louisiana.....	29,701	35,342	-16.0	7,798	11,776	4,103	4,285	--	834	17,800	18,447
Oklahoma.....	17,691	10,223	73.1	11,619	8,799	5,663	1,024	--	--	409	399
Texas.....	124,567	112,834	10.4	17,880	19,571	78,190	66,250	418	389	28,079	26,623
<b>Mountain.....</b>	<b>27,284</b>	<b>20,959</b>	<b>30.2</b>	<b>9,488</b>	<b>8,723</b>	<b>17,783</b>	<b>11,995</b>	<b>--</b>	<b>--</b>	<b>14</b>	<b>241</b>
Arizona.....	14,114	8,336	69.3	2,246	1,890	11,858	6,433	--	--	10	13
Colorado.....	3,550	3,422	3.8	2,205	2,171	1,346	1,251	--	--	--	--
Idaho.....	--	151	-100.0	--	--	--	151	--	--	--	--
Montana.....	*	1	-84.1	*	1	*	*	--	--	--	--
Nevada.....	7,399	6,375	16.1	3,369	2,682	4,030	3,693	--	--	--	--
New Mexico.....	2,192	2,279	-3.8	1,639	1,810	550	466	--	--	3	3
Utah.....	--	159	-100.0	--	159	--	--	--	--	--	--
Wyoming.....	29	236	-87.5	29	11	--	--	--	--	--	224
<b>Pacific Contiguous.....</b>	<b>64,471</b>	<b>42,334</b>	<b>52.3</b>	<b>6,661</b>	<b>6,965</b>	<b>47,071</b>	<b>27,068</b>	<b>--</b>	<b>--</b>	<b>10,739</b>	<b>8,300</b>
California.....	55,700	37,667	47.9	5,989	6,894	39,619	23,274	--	--	10,093	7,499
Oregon.....	6,052	2,643	129.0	673	72	4,933	2,075	--	--	446	496
Washington.....	2,719	2,024	34.4	--	--	2,519	1,719	--	--	200	305
<b>Pacific Noncontiguous..</b>	<b>1,893</b>	<b>1,743</b>	<b>8.6</b>	<b>1,893</b>	<b>1,743</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Alaska.....	1,893	1,743	8.6	1,893	1,743	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>403,736</b>	<b>356,574<sup>R</sup></b>	<b>13.2</b>	<b>100,117</b>	<b>100,523<sup>R</sup></b>	<b>238,476</b>	<b>178,886</b>	<b>1,634</b>	<b>1,379</b>	<b>63,509</b>	<b>75,787</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> Data shown for electric utilities are collected by the Federal Energy Regulatory Commission on the FERC Form 423.

R = Revised.

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: •See Glossary for definitions. •Data for 2003 and 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Natural gas, including a small amount of supplemental gaseous fuels. Natural gas values for 2004 do not include blast furnace gas or other gas.

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

**Table 4.9.B. Receipts of Natural Gas Delivered for Electricity Generation by State, Year-to-Date through April 2004 and 2003**  
(Thousand Mcf)

Census Division and State	Total (All Sectors)			Electric Power Sector				Commercial Sector <sup>1</sup>		Industrial Sector <sup>2</sup>	
				Electric Utilities <sup>3</sup>		Independent Power Producers					
	2004	2003	Percent Change	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>110,995</b>	<b>80,969<sup>R</sup></b>	<b>37.1</b>	<b>65</b>	<b>238<sup>R</sup></b>	<b>92,929</b>	<b>80,731</b>	--	--	<b>4,397</b>	--
Connecticut.....	12,057	11,123	8.4	--	--	12,057	11,123	--	--	--	--
Maine.....	25,115	19,728	27.3	--	--	20,718	19,728	--	--	4,397	--
Massachusetts.....	53,130	35,057 <sup>R</sup>	51.6	65	238 <sup>R</sup>	53,066	34,820	--	--	--	--
New Hampshire.....	13,604	--	--	--	--	--	--	--	--	--	--
Rhode Island.....	7,088	15,060	-52.9	--	--	7,088	15,060	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>101,234</b>	<b>101,104</b>	<b>.1</b>	<b>6,885</b>	<b>9,658</b>	<b>86,252</b>	<b>84,286</b>	<b>990</b>	<b>665</b>	<b>7,107</b>	<b>6,495</b>
New Jersey.....	20,915	28,584	-26.8	--	--	19,517	28,325	--	--	1,398	259
New York.....	58,988	58,957	.1	6,885	9,658	49,266	47,534	990	665	1,846	1,100
Pennsylvania.....	21,331	13,563	57.3	--	--	17,468	8,427	--	--	3,863	5,136
<b>East North Central.....</b>	<b>58,376</b>	<b>52,963<sup>R</sup></b>	<b>10.2</b>	<b>2,356</b>	<b>5,514<sup>R</sup></b>	<b>48,066</b>	<b>38,883</b>	<b>2,487</b>	<b>49</b>	<b>5,467</b>	<b>8,518</b>
Illinois.....	10,661	8,857	20.4	107	92	5,234	6,630	2,439	--	2,880	2,134
Indiana.....	8,100	6,189	30.9	409	206	6,759	323	--	--	931	5,660
Michigan.....	32,915	33,300 <sup>R</sup>	-1.2	724	4,359 <sup>R</sup>	31,153	28,892	48	49	990	--
Ohio.....	1,386	678	104.3	124	49	1,219	309	--	--	43	321
Wisconsin.....	5,315	3,939	34.9	991	808	3,701	2,728	--	--	623	403
<b>West North Central.....</b>	<b>11,856</b>	<b>11,108</b>	<b>6.7</b>	<b>7,881</b>	<b>6,758</b>	<b>3,947</b>	<b>4,291</b>	<b>15</b>	<b>31</b>	<b>13</b>	<b>28</b>
Iowa.....	909	1,777	-48.9	909	902	--	875	--	--	--	--
Kansas.....	1,738	1,933	-10.1	1,738	1,933	--	--	--	--	--	--
Minnesota.....	3,391	2,662	27.4	1,599	651	1,779	1,983	--	--	13	28
Missouri.....	5,040	3,959	27.3	2,857	2,495	2,168	1,433	15	31	--	--
Nebraska.....	776	777	-1	776	777	--	--	--	--	--	--
North Dakota.....	1	*	NM	1	*	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>153,078</b>	<b>155,253</b>	<b>-1.4</b>	<b>111,419</b>	<b>104,386</b>	<b>34,587</b>	<b>34,207</b>	<b>--</b>	<b>4</b>	<b>7,072</b>	<b>16,657</b>
Delaware.....	3,436	6,145	-44.1	10	120	3,037	2,855	--	--	388	3,169
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	126,400	118,788	6.4	106,603	100,554	17,735	14,574	--	--	2,062	3,660
Georgia.....	8,200	3,136	161.5	3	*	6,855	2,631	--	--	1,342	504
Maryland.....	1,163	2,275	-48.9	--	--	1,163	2,275	--	--	--	--
North Carolina.....	304	4,719	-93.6	1	11	303	4,659	--	--	--	49
South Carolina.....	910	523	74.0	--	*	880	493	--	--	30	29
Virginia.....	10,243	11,095	-7.7	4,800	3,646	4,090	6,248	--	4	1,353	1,197
West Virginia.....	2,423	8,572	-71.7	2	55	525	470	--	--	1,896	8,047
<b>East South Central.....</b>	<b>60,783</b>	<b>69,601</b>	<b>-12.7</b>	<b>34,892</b>	<b>32,918</b>	<b>23,347</b>	<b>4,708</b>	<b>--</b>	<b>*</b>	<b>2,544</b>	<b>31,975</b>
Alabama.....	37,843	48,874	-22.6	22,105	17,228	13,338	1,457	--	--	2,399	30,189
Kentucky.....	227	373	-39.2	166	233	60	140	--	*	--	--
Mississippi.....	22,569	20,173	11.9	12,621	15,458	9,948	3,013	--	--	--	1,702
Tennessee.....	145	181	-20.0	--	--	1	98	--	--	145	84
<b>West South Central.....</b>	<b>645,029</b>	<b>635,072</b>	<b>1.6</b>	<b>128,148</b>	<b>141,959</b>	<b>333,424</b>	<b>303,284</b>	<b>1,758</b>	<b>3,075</b>	<b>181,700</b>	<b>186,754</b>
Arkansas.....	10,218	14,940	-31.6	464	1,116	9,754	13,823	--	--	--	--
Louisiana.....	113,826	128,870	-11.7	34,354	44,374	13,976	11,078	--	1,685	65,496	71,732
Oklahoma.....	54,024	37,561	43.8	32,273	31,923	19,894	3,712	--	--	1,856	1,926
Texas.....	466,961	453,701	2.9	61,056	64,545	289,799	274,671	1,758	1,390	114,347	113,095
<b>Mountain.....</b>	<b>110,052</b>	<b>87,600</b>	<b>25.6</b>	<b>33,560</b>	<b>41,070</b>	<b>76,404</b>	<b>45,531</b>	<b>--</b>	<b>--</b>	<b>88</b>	<b>999</b>
Arizona.....	54,578	28,114	94.1	8,349	7,179	46,154	20,865	--	--	76	70
Colorado.....	14,671	20,280	-27.7	8,910	14,093	5,760	6,187	--	--	--	--
Idaho.....	3,119	2,301	35.6	--	--	3,119	2,301	--	--	--	--
Montana.....	1	5	-72.6	1	4	*	1	--	--	--	--
Nevada.....	28,223	26,446	6.7	9,095	12,328	19,128	14,118	--	--	--	--
New Mexico.....	9,351	9,183	1.8	7,096	7,129	2,243	2,050	--	--	12	3
Utah.....	47	320	-85.5	47	312	--	8	--	--	--	--
Wyoming.....	61	951	-93.6	61	25	--	--	--	--	--	927
<b>Pacific Contiguous.....</b>	<b>262,251</b>	<b>191,773</b>	<b>36.8</b>	<b>27,917</b>	<b>29,565</b>	<b>186,194</b>	<b>134,031</b>	<b>--</b>	<b>--</b>	<b>48,141</b>	<b>28,177</b>
California.....	218,711	159,517	37.1	24,102	26,691	148,778	107,631	--	--	45,831	25,195
Oregon.....	29,349	22,172	32.4	3,815	2,874	23,514	17,207	--	--	2,020	2,091
Washington.....	14,191	10,085	40.7	--	--	13,902	9,193	--	--	290	892
<b>Pacific Noncontiguous..</b>	<b>7,416</b>	<b>7,559</b>	<b>-1.9</b>	<b>7,416</b>	<b>7,559</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Alaska.....	7,416	7,559	-1.9	7,416	7,559	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>1,521,071</b>	<b>1,393,003<sup>R</sup></b>	<b>9.2</b>	<b>360,539</b>	<b>379,626<sup>R</sup></b>	<b>898,754</b>	<b>729,950</b>	<b>5,250</b>	<b>3,824</b>	<b>256,528</b>	<b>279,603</b>

<sup>1</sup> Commercial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of commercial electricity-only plants.

<sup>2</sup> Industrial combined-heat-and-power (CHP) plants with NAICS other than 22; includes a small number of industrial electricity-only plants.

<sup>3</sup> Data shown for electric utilities are collected by the Federal Energy Regulatory Commission on the FERC Form 423.

NM = Not meaningful due to large relative standard error or excessive percentage change.

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

**Table 4.10.A. Average Cost of Coal Delivered for Electricity Generation by State, April 2004 and 2003**  
(Dollars per Million Btu)

Census Division and State	Electric Power Sector <sup>1</sup>			Electric Utilities <sup>2</sup>		Independent Power Producers	
	Apr 2004	Apr 2003	Percent Change	Apr 2004	Apr 2003	Apr 2004	Apr 2003
<b>New England.....</b>	<b>2.21</b>	<b>1.82</b>	<b>21.0</b>	<b>1.73</b>	<b>1.56</b>	<b>2.30</b>	<b>1.88</b>
Connecticut.....	W	W	W	--	--	W	W
Maine.....	W	W	W	--	--	W	W
Massachusetts.....	2.32	W	W	--	1.98	2.30	W
New Hampshire.....	1.73	1.35	28.1	1.73	1.35	--	--
Rhode Island.....	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>1.39</b>	<b>1.33</b>	<b>4.3</b>	<b>1.67</b>	<b>2.09</b>	<b>1.37</b>	<b>1.29</b>
New Jersey.....	1.99	2.13	-6.6	2.40	3.90	1.80	1.74
New York.....	1.64	1.55	5.8	1.52	1.48	1.65	1.56
Pennsylvania.....	1.30	1.18	10.2	1.22	1.21	1.30	1.18
<b>East North Central.....</b>	<b>1.21</b>	<b>1.21</b>	<b>-1</b>	<b>1.23</b>	<b>1.22</b>	<b>1.12</b>	<b>1.16</b>
Illinois.....	1.13	1.12	.9	1.14	1.23	1.13	1.09
Indiana.....	W	W	W	1.18	1.20	W	W
Michigan.....	W	W	W	1.36	1.30	W	W
Ohio.....	W	W	W	1.24	1.23	W	W
Wisconsin.....	1.15	1.08	6.5	1.15	1.08	--	--
<b>West North Central.....</b>	<b>W</b>	<b>.96</b>	<b>W</b>	<b>.92</b>	<b>.96</b>	<b>W</b>	<b>--</b>
Iowa.....	.93	.92	1.1	.93	.92	--	--
Kansas.....	1.02	1.12	-8.9	1.02	1.12	--	--
Minnesota.....	W	1.07	W	1.04	1.07	W	--
Missouri.....	.90	.98	-8.2	.90	.98	--	--
Nebraska.....	.68	.57	19.3	.68	.57	--	--
North Dakota.....	.79	.72	9.7	.79	.72	--	--
South Dakota.....	1.35	1.35	.0	1.35	1.35	--	--
<b>South Atlantic.....</b>	<b>1.70</b>	<b>1.60</b>	<b>6.2</b>	<b>1.72</b>	<b>1.61</b>	<b>1.63</b>	<b>1.56</b>
Delaware.....	W	W	W	--	--	W	W
District of Columbia.....	--	--	--	--	--	--	--
Florida.....	1.86	W	W	1.79	1.76	2.17	W
Georgia.....	1.76	1.71	2.9	1.76	1.71	--	--
Maryland.....	1.67	1.68	-6	--	--	1.67	1.68
North Carolina.....	W	1.74	W	1.93	1.73	W	1.94
South Carolina.....	1.82	1.58	15.2	1.82	1.58	--	--
Virginia.....	1.80	1.64	9.8	1.74	1.50	2.00	2.00
West Virginia.....	1.34	1.25	7.2	1.42	1.28	1.16	1.20
<b>East South Central.....</b>	<b>1.35</b>	<b>W</b>	<b>W</b>	<b>1.37</b>	<b>1.30</b>	<b>1.19</b>	<b>W</b>
Alabama.....	W	W	W	1.48	1.49	W	W
Kentucky.....	1.28	1.19	7.6	1.31	1.21	1.03	1.01
Mississippi.....	W	W	W	1.63	1.58	W	W
Tennessee.....	1.29	1.22	5.7	1.29	1.22	--	--
<b>West South Central.....</b>	<b>1.18</b>	<b>1.22</b>	<b>-3.6</b>	<b>1.16</b>	<b>1.12</b>	<b>1.21</b>	<b>1.40</b>
Arkansas.....	1.28	1.15	11.3	1.28	1.15	--	--
Louisiana.....	1.16	W	W	1.16	1.45	--	W
Oklahoma.....	W	W	W	1.02	.92	W	W
Texas.....	W	1.31	W	1.20	1.21	W	1.41
<b>Mountain.....</b>	<b>W</b>	<b>W</b>	<b>W</b>	<b>1.12</b>	<b>1.12</b>	<b>W</b>	<b>W</b>
Arizona.....	1.24	1.36	-8.8	1.24	1.36	--	--
Colorado.....	.99	.97	2.1	.99	.97	--	--
Idaho.....	--	--	--	--	--	--	--
Montana.....	W	W	W	.66	.68	W	W
Nevada.....	1.92	2.00	-4.0	1.92	2.00	--	--
New Mexico.....	1.48	1.74	-14.9	1.48	1.74	--	--
Utah.....	W	.93	W	1.09	.93	W	--
Wyoming.....	.87	.88	-1.1	.87	.88	--	--
<b>Pacific Contiguous.....</b>	<b>1.42</b>	<b>1.50</b>	<b>-5.3</b>	<b>1.16</b>	<b>1.21</b>	<b>1.50</b>	<b>1.63</b>
California.....	2.01	1.91	5.2	--	--	2.01	1.91
Oregon.....	1.16	1.21	-4.1	1.16	1.21	--	--
Washington.....	W	W	W	--	--	W	W
Alaska.....	--	--	--	--	--	--	--
Hawaii.....	W	W	W	--	--	W	W
<b>U.S. Total.....</b>	<b>1.30</b>	<b>1.31</b>	<b>-8</b>	<b>1.28</b>	<b>1.29</b>	<b>1.36</b>	<b>1.37</b>

<sup>1</sup> The electric power sector includes electricity-only plants and combined-heat-and-power (CHP) plants whose primary business is to sell electricity.

<sup>2</sup> Data shown for electric utilities are collected by the Federal Energy Regulatory Commission on the FERC Form 423.

W = Withheld to avoid disclosure of individual company data.

Notes: •See Glossary for definitions. •Data for 2003 and 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Monetary values are expressed in nominal terms. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Coal includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

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

**Table 4.10.B. Average Cost of Coal Delivered for Electricity Generation by State, Year-to-Date through April 2004 and 2003**  
(Dollars per Million Btu)

Census Division and State	Electric Power Sector <sup>1</sup>			Electric Utilities <sup>2</sup>		Independent Power Producers	
	2004	2003	Percent Change	2004	2003	2004	2003
<b>New England</b> .....	<b>2.03</b>	<b>1.91</b>	<b>6.3</b>	<b>1.77</b>	<b>1.80</b>	<b>2.10</b>	<b>1.94</b>
Connecticut.....	W	W	W	--	--	W	W
Maine.....	W	W	W	--	--	W	W
Massachusetts.....	1.98	W	W	--	2.22	1.96	W
New Hampshire.....	1.77	1.66	6.6	1.77	1.66	--	--
Rhode Island.....	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--
<b>Middle Atlantic</b> .....	<b>1.38</b>	<b>1.33</b>	<b>3.9</b>	<b>1.63</b>	<b>1.99</b>	<b>1.37</b>	<b>1.30</b>
New Jersey.....	W	2.08	W	2.19	3.61	W	1.79
New York.....	W	1.59	W	1.53	1.50	W	1.60
Pennsylvania.....	1.29	1.18	9.3	1.22	1.22	1.30	1.18
<b>East North Central</b> .....	<b>1.21</b>	<b>1.21</b>	<b>.5</b>	<b>1.23</b>	<b>1.20</b>	<b>1.16</b>	<b>1.22</b>
Illinois.....	1.14	1.16	-1.7	1.14	1.18	1.14	1.16
Indiana.....	W	W	W	1.17	1.19	W	W
Michigan.....	W	W	W	1.37	1.34	W	W
Ohio.....	W	W	W	1.28	1.20	W	W
Wisconsin.....	1.10	1.05	4.8	1.10	1.05	--	--
<b>West North Central</b> .....	<b>W</b>	<b>.90</b>	<b>W</b>	<b>.90</b>	<b>.90</b>	<b>W</b>	<b>--</b>
Iowa.....	.89	.85	4.7	.89	.85	--	--
Kansas.....	1.02	1.05	-2.9	1.02	1.05	--	--
Minnesota.....	W	1.08	W	1.04	1.08	W	--
Missouri.....	.90	.91	-1.1	.90	.91	--	--
Nebraska.....	.64	.58	10.3	.64	.58	--	--
North Dakota.....	.74	.73	1.4	.74	.73	--	--
South Dakota.....	1.35	1.34	.7	1.35	1.34	--	--
<b>South Atlantic</b> .....	<b>1.68</b>	<b>1.59</b>	<b>5.7</b>	<b>1.70</b>	<b>1.60</b>	<b>1.63</b>	<b>1.58</b>
Delaware.....	W	W	W	--	--	W	W
District of Columbia.....	--	--	--	--	--	--	--
Florida.....	1.86	1.80	3.3	1.82	1.77	2.15	2.06
Georgia.....	1.74	1.71	1.8	1.74	1.71	--	--
Maryland.....	1.67	1.65	1.2	--	--	1.67	1.65
North Carolina.....	W	W	W	1.90	1.72	W	W
South Carolina.....	1.77	1.57	12.7	1.77	1.57	--	--
Virginia.....	1.74	1.63	6.7	1.64	1.51	1.99	2.04
West Virginia.....	1.31	1.24	5.6	1.38	1.27	1.15	1.17
<b>East South Central</b> .....	<b>1.34</b>	<b>W</b>	<b>W</b>	<b>1.35</b>	<b>1.30</b>	<b>1.20</b>	<b>W</b>
Alabama.....	W	W	W	1.47	1.49	W	W
Kentucky.....	1.26	1.20	5.0	1.29	1.21	1.03	1.01
Mississippi.....	W	W	W	1.68	1.58	W	W
Tennessee.....	1.27	1.21	5.0	1.27	1.21	--	--
<b>West South Central</b> .....	<b>1.19</b>	<b>1.24</b>	<b>-4.0</b>	<b>1.15</b>	<b>1.13</b>	<b>1.28</b>	<b>1.49</b>
Arkansas.....	1.20	1.05 <sup>R</sup>	14.3	1.20	1.05 <sup>R</sup>	--	--
Louisiana.....	W	W	W	1.18	1.36	W	W
Oklahoma.....	W	W	W	.99	.95	W	W
Texas.....	1.24	1.35	-8.1	1.21	1.22	1.29	1.51
<b>Mountain</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>1.10</b>	<b>1.11</b>	<b>W</b>	<b>W</b>
Arizona.....	1.29	1.30	-8	1.29	1.30	--	--
Colorado.....	.97	.97	.0	.97	.97	--	--
Idaho.....	--	--	--	--	--	--	--
Montana.....	W	W	W	.60	.62	W	W
Nevada.....	1.43	1.49	-4.0	1.43	1.49	--	--
New Mexico.....	1.51	1.62	-6.8	1.51	1.62	--	--
Utah.....	W	1.01	W	1.15	1.01	W	--
Wyoming.....	.84	.77	9.1	.84	.77	--	--
<b>Pacific Contiguous</b> .....	<b>1.43</b>	<b>1.51</b>	<b>-4.9</b>	<b>1.16</b>	<b>1.27</b>	<b>1.52</b>	<b>1.59</b>
California.....	1.95	1.85	5.4	--	--	1.95	1.85
Oregon.....	1.16	1.27	-8.7	1.16	1.27	--	--
Washington.....	W	W	W	--	--	W	W
Alaska.....	--	--	--	--	--	--	--
Hawaii.....	W	W	W	--	--	W	W
<b>U.S. Total</b> .....	<b>1.30</b>	<b>1.28<sup>R</sup></b>	<b>1.6</b>	<b>1.28</b>	<b>1.25<sup>R</sup></b>	<b>1.36</b>	<b>1.39</b>

<sup>1</sup> The electric power sector includes electricity-only plants and combined-heat-and-power (CHP) plants whose primary business is to sell electricity.

<sup>2</sup> Data shown for electric utilities are collected by the Federal Energy Regulatory Commission on the FERC Form 423.

W = Withheld to avoid disclosure of individual company data.

R = Revised.

Notes: •See Glossary for definitions. •Data for 2003 and 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Monetary values are expressed in nominal terms. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Coal includes anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

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

**Table 4.11.A. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, April 2004 and 2003**  
(Dollars per Million Btu)

Census Division and State	Electric Power Sector <sup>1</sup>			Electric Utilities <sup>2</sup>		Independent Power Producers	
	Apr 2004	Apr 2003	Percent Change	Apr 2004	Apr 2003	Apr 2004	Apr 2003
<b>New England</b> .....	<b>4.09</b>	<b>4.96</b>	<b>-17.5</b>	<b>4.02</b>	<b>3.71</b>	<b>4.13</b>	<b>5.00</b>
Connecticut.....	W	5.00	W	--	--	W	5.00
Maine.....	--	W	W	--	--	--	W
Massachusetts.....	W	W	W	7.37	6.64	W	W
New Hampshire.....	4.02	3.68	9.2	4.02	3.68	--	--
Rhode Island.....	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--
<b>Middle Atlantic</b> .....	<b>4.61</b>	<b>4.92</b>	<b>-6.3</b>	<b>3.79</b>	<b>3.75</b>	<b>4.99</b>	<b>5.48</b>
New Jersey.....	W	3.42	W	2.88	2.70	W	8.34
New York.....	4.63	4.78	-3.1	3.88	3.86	5.00	5.38
Pennsylvania.....	W	5.61	W	7.05	8.11	W	5.61
<b>East North Central</b> .....	<b>5.43</b>	<b>5.31</b>	<b>2.3</b>	<b>5.96</b>	<b>5.24</b>	<b>5.02</b>	<b>6.02</b>
Illinois.....	W	6.02	W	7.47	--	W	6.02
Indiana.....	7.42	6.60	12.4	7.42	6.60	--	--
Michigan.....	5.47	4.60	18.9	5.47	4.60	--	--
Ohio.....	W	6.32	W	7.77	6.32	W	--
Wisconsin.....	8.05	5.85	37.6	8.05	5.85	--	--
<b>West North Central</b> .....	<b>W</b>	<b>3.64</b>	<b>W</b>	<b>4.11</b>	<b>3.64</b>	<b>W</b>	<b>--</b>
Iowa.....	7.82	6.96	12.4	7.82	6.96	--	--
Kansas.....	3.61	3.20	12.8	3.61	3.20	--	--
Minnesota.....	W	4.95	W	7.06	4.95	W	--
Missouri.....	7.67	6.70	14.5	7.67	6.70	--	--
Nebraska.....	2.63	5.95	-55.8	2.63	5.95	--	--
North Dakota.....	7.85	6.28	25.0	7.85	6.28	--	--
South Dakota.....	--	--	--	--	--	--	--
<b>South Atlantic</b> .....	<b>4.55</b>	<b>4.67</b>	<b>-2.6</b>	<b>4.51</b>	<b>4.67</b>	<b>4.71</b>	<b>4.65</b>
Delaware.....	W	W	W	--	8.11	W	W
District of Columbia.....	W	W	W	--	--	W	W
Florida.....	W	W	W	4.35	4.42	W	W
Georgia.....	6.10	6.14	-7	6.10	6.14	--	--
Maryland.....	5.42	W	W	--	--	5.42	W
North Carolina.....	W	W	W	7.00	6.18	W	W
South Carolina.....	--	7.11	-100.0	--	7.11	--	--
Virginia.....	W	W	W	4.61	5.62	W	W
West Virginia.....	7.71	6.74	14.4	7.70	6.74	8.03	7.07
<b>East South Central</b> .....	<b>W</b>	<b>6.07</b>	<b>W</b>	<b>4.68</b>	<b>6.07</b>	<b>W</b>	<b>--</b>
Alabama.....	6.96	3.44	102.3	6.96	3.44	--	--
Kentucky.....	W	6.66	W	7.88	6.66	W	--
Mississippi.....	4.40	6.54	-32.7	4.40	6.54	--	--
Tennessee.....	7.23	6.60	9.5	7.23	6.60	--	--
<b>West South Central</b> .....	<b>4.66</b>	<b>6.33</b>	<b>-26.3</b>	<b>4.48</b>	<b>6.38</b>	<b>6.99</b>	<b>6.05</b>
Arkansas.....	6.82	6.49	5.1	6.82	6.49	--	--
Louisiana.....	4.40	W	W	4.40	6.33	--	W
Oklahoma.....	--	6.31	-100.0	--	6.31	--	--
Texas.....	6.40	W	W	4.02	--	6.99	W
<b>Mountain</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>8.51</b>	<b>8.01</b>	<b>W</b>	<b>W</b>
Arizona.....	6.56	8.06	-18.6	6.56	8.06	--	--
Colorado.....	13.62	9.41	44.7	13.62	9.41	--	--
Idaho.....	--	--	--	--	--	--	--
Montana.....	W	W	W	8.77	7.72	W	W
Nevada.....	--	--	--	--	--	--	--
New Mexico.....	10.02	7.33	36.7	10.02	7.33	--	--
Utah.....	8.82	8.21	7.4	8.82	8.21	--	--
Wyoming.....	9.06	8.07	12.3	9.06	8.07	--	--
<b>Pacific Contiguous</b> .....	<b>6.75</b>	<b>W</b>	<b>W</b>	<b>--</b>	<b>--</b>	<b>6.75</b>	<b>W</b>
California.....	W	--	W	--	--	W	--
Oregon.....	--	--	--	--	--	--	--
Washington.....	W	--	W	--	--	W	--
Alaska.....	--	--	--	--	--	--	--
Hawaii.....	W	W	W	--	--	W	W
<b>U.S. Total</b> .....	<b>4.63</b>	<b>4.80</b>	<b>-3.5</b>	<b>4.35</b>	<b>4.56</b>	<b>4.93</b>	<b>5.23</b>

<sup>1</sup> The electric power sector includes electricity-only plants and combined-heat-and-power (CHP) plants whose primary business is to sell electricity.

<sup>2</sup> Data shown for electric utilities are collected by the Federal Energy Regulatory Commission on the FERC Form 423.

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Notes: •See Glossary for definitions. •Data for 2003 and 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Monetary values are expressed in nominal terms. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

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

**Table 4.11.B. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, Year-to-Date through April 2004 and 2003**  
(Dollars per Million Btu)

Census Division and State	Electric Power Sector <sup>1</sup>			Electric Utilities <sup>2</sup>		Independent Power Producers	
	2004	2003	Percent Change	2004	2003	2004	2003
<b>New England</b> .....	<b>4.59</b>	<b>5.44</b>	<b>-15.6</b>	<b>5.13</b>	<b>4.96</b>	<b>4.48</b>	<b>5.59</b>
Connecticut.....	5.64	W	W	--	--	5.64	W
Maine.....	W	W	W	--	--	W	W
Massachusetts.....	4.46	5.39	-17.3	7.72	6.16	4.16	5.16
New Hampshire.....	W	3.77	W	3.88	3.77	W	--
Rhode Island.....	W	--	W	--	--	W	--
Vermont.....	--	--	--	--	--	--	--
<b>Middle Atlantic</b> .....	<b>4.71</b>	<b>5.02</b>	<b>-6.1</b>	<b>3.83</b>	<b>4.22</b>	<b>5.10</b>	<b>6.26</b>
New Jersey.....	4.27	5.62	-24.0	2.93	3.16	8.22	7.82
New York.....	4.66	4.80	-2.9	3.89	4.25	5.07	6.34
Pennsylvania.....	5.07	6.00	-15.5	7.54	6.92	5.07	6.00
<b>East North Central</b> .....	<b>4.99</b>	<b>6.00</b>	<b>-16.8</b>	<b>4.76</b>	<b>5.70</b>	<b>5.41</b>	<b>6.60</b>
Illinois.....	W	6.34	W	7.52	7.56	W	6.33
Indiana.....	7.33	6.92	5.9	7.33	6.92	--	--
Michigan.....	4.81	4.92	-2.2	4.81	4.92	--	--
Ohio.....	W	W	W	4.09	6.70	W	W
Wisconsin.....	W	W	W	7.48	6.79	W	W
<b>West North Central</b> .....	<b>W</b>	<b>4.05</b>	<b>W</b>	<b>4.30</b>	<b>4.05</b>	<b>W</b>	<b>--</b>
Iowa.....	7.09	7.31	-3.0	7.09	7.31	--	--
Kansas.....	3.60	3.26	10.4	3.60	3.26	--	--
Minnesota.....	W	5.80	W	5.90	5.80	W	--
Missouri.....	7.33	6.92	5.9	7.33	6.92	--	--
Nebraska.....	5.34	6.50	-17.8	5.34	6.50	--	--
North Dakota.....	7.34	7.27	1.0	7.34	7.27	--	--
South Dakota.....	--	--	--	--	--	--	--
<b>South Atlantic</b> .....	<b>4.72</b>	<b>5.27</b>	<b>-10.5</b>	<b>4.36</b>	<b>5.08</b>	<b>6.18</b>	<b>6.09</b>
Delaware.....	W	W	W	5.28	8.09	W	W
District of Columbia.....	W	W	W	--	--	W	W
Florida.....	W	W	W	4.15	4.90	W	W
Georgia.....	6.16	7.76	-20.6	6.16	7.27	--	8.29
Maryland.....	5.59	5.51	1.5	--	--	5.59	5.51
North Carolina.....	W	W	W	7.05	7.14	W	W
South Carolina.....	7.27	7.56	-3.8	7.27	7.56	--	--
Virginia.....	W	5.65	W	4.63	5.49	W	6.38
West Virginia.....	7.53	7.55	-3	7.51	7.59	7.90	7.31
<b>East South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	<b>4.50</b>	<b>3.71</b>	<b>W</b>	<b>W</b>
Alabama.....	6.97	5.74	21.4	6.97	5.74	--	--
Kentucky.....	W	W	W	7.57	7.50	W	W
Mississippi.....	4.28	2.56	67.2	4.28	2.56	--	--
Tennessee.....	7.11	7.60	-6.4	7.11	7.60	--	--
<b>West South Central</b> .....	<b>4.79</b>	<b>6.34</b>	<b>-24.4</b>	<b>4.62</b>	<b>6.22</b>	<b>6.62</b>	<b>7.32</b>
Arkansas.....	6.79	6.12	10.9	6.79	6.12	--	--
Louisiana.....	W	W	W	4.44	6.12	W	W
Oklahoma.....	--	7.21	--	--	7.21	--	--
Texas.....	W	W	W	5.94	8.38	W	W
<b>Mountain</b> .....	<b>7.88</b>	<b>W</b>	<b>W</b>	<b>7.71</b>	<b>7.26</b>	<b>8.32</b>	<b>W</b>
Arizona.....	7.24	8.75	-17.3	6.25	8.75	--	--
Colorado.....	10.88	9.79	11.1	10.88	9.79	--	--
Idaho.....	--	--	--	--	--	--	--
Montana.....	W	W	W	8.26	7.93	W	W
Nevada.....	--	5.42	--	--	5.42	--	--
New Mexico.....	7.96	8.26	-3.6	7.96	8.26	--	--
Utah.....	7.82	7.70	1.6	7.82	7.70	--	--
Wyoming.....	7.97	8.53 <sup>R</sup>	-6.6	7.97	8.53 <sup>R</sup>	--	--
<b>Pacific Contiguous</b> .....	<b>6.38</b>	<b>W</b>	<b>W</b>	<b>--</b>	<b>--</b>	<b>6.38</b>	<b>W</b>
California.....	W	--	W	--	--	W	--
Oregon.....	--	--	--	--	--	--	--
Washington.....	W	--	W	--	--	W	--
Alaska.....	--	--	--	--	--	--	--
Hawaii.....	W	W	W	--	--	W	W
<b>U.S. Total</b> .....	<b>4.72</b>	<b>5.22<sup>R</sup></b>	<b>-9.6</b>	<b>4.35</b>	<b>4.75<sup>R</sup></b>	<b>5.08</b>	<b>6.02</b>

<sup>1</sup> The electric power sector includes electricity-only plants and combined-heat-and-power (CHP) plants whose primary business is to sell electricity.

<sup>2</sup> Data shown for electric utilities are collected by the Federal Energy Regulatory Commission on the FERC Form 423.

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

**Table 4.12.A. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, April 2004 and 2003**  
(Dollars per Million Btu)

Census Division and State	Electric Power Sector <sup>1</sup>			Electric Utilities <sup>2</sup>		Independent Power Producers	
	Apr 2004	Apr 2003	Percent Change	Apr 2004	Apr 2003	Apr 2004	Apr 2003
<b>New England</b> .....	--	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--	--
Maine.....	--	--	--	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--
<b>Middle Atlantic</b> .....	<b>1.04</b>	<b>W</b>	<b>W</b>	--	--	<b>1.04</b>	<b>W</b>
New Jersey.....	--	--	--	--	--	--	--
New York.....	W	W	W	--	--	W	W
Pennsylvania.....	W	--	W	--	--	W	--
<b>East North Central</b> .....	<b>.79</b>	<b>.71</b>	<b>11.1</b>	<b>.79</b>	<b>.71</b>	--	--
Illinois.....	--	--	--	--	--	--	--
Indiana.....	.95	--	--	.95	--	--	--
Michigan.....	.85	.90	-5.6	.85	.90	--	--
Ohio.....	--	--	--	--	--	--	--
Wisconsin.....	.66	.66	.0	.66	.66	--	--
<b>West North Central</b> .....	<b>.43</b>	<b>.49</b>	<b>-12.2</b>	<b>.43</b>	<b>.49</b>	--	--
Iowa.....	--	--	--	--	--	--	--
Kansas.....	--	--	--	--	--	--	--
Minnesota.....	.43	.49	-12.2	.43	.49	--	--
Missouri.....	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--
<b>South Atlantic</b> .....	<b>.80</b>	<b>.48</b>	<b>66.7</b>	<b>.80</b>	<b>.48</b>	--	--
Delaware.....	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--
Florida.....	.80	.48	66.7	.80	.48	--	--
Georgia.....	--	--	--	--	--	--	--
Maryland.....	--	--	--	--	--	--	--
North Carolina.....	--	--	--	--	--	--	--
South Carolina.....	--	--	--	--	--	--	--
Virginia.....	--	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--
<b>East South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	--	<b>.57</b>	<b>W</b>	<b>W</b>
Alabama.....	--	--	--	--	--	--	--
Kentucky.....	W	W	W	--	.57	W	W
Mississippi.....	--	--	--	--	--	--	--
Tennessee.....	--	--	--	--	--	--	--
<b>West South Central</b> .....	<b>.36</b>	<b>W</b>	<b>W</b>	--	--	<b>.36</b>	<b>W</b>
Arkansas.....	--	--	--	--	--	--	--
Louisiana.....	W	W	W	--	--	W	W
Oklahoma.....	--	--	--	--	--	--	--
Texas.....	W	--	W	--	--	W	--
<b>Mountain</b> .....	--	--	--	--	--	--	--
Arizona.....	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--
<b>Pacific Contiguous</b> .....	<b>W</b>	<b>1.17</b>	<b>W</b>	--	--	<b>W</b>	<b>1.17</b>
California.....	W	1.17	W	--	--	W	1.17
Oregon.....	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--
<b>U.S. Total</b> .....	<b>.72</b>	<b>.49</b>	<b>46.9</b>	<b>.78</b>	<b>.51</b>	<b>.66</b>	<b>.46</b>

<sup>1</sup> The electric power sector includes electricity-only plants and combined-heat-and-power (CHP) plants whose primary business is to sell electricity.

<sup>2</sup> Data shown for electric utilities are collected by the Federal Energy Regulatory Commission on the FERC Form 423.

W = Withheld to avoid disclosure of individual company data.

Notes: •See Glossary for definitions. •Data for 2003 and 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Monetary values are expressed in nominal terms. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data.

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

**Table 4.12.B. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, Year-to-Date through April 2004 and 2003**  
(Dollars per Million Btu)

Census Division and State	Electric Power Sector <sup>1</sup>			Electric Utilities <sup>2</sup>		Independent Power Producers	
	2004	2003	Percent Change	2004	2003	2004	2003
<b>New England</b> .....	--	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--	--
Maine.....	--	--	--	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--
<b>Middle Atlantic</b> .....	<b>1.06</b>	<b>W</b>	<b>W</b>	--	--	<b>1.06</b>	<b>W</b>
New Jersey.....	--	--	--	--	--	--	--
New York.....	W	W	W	--	--	W	W
Pennsylvania.....	W	W	W	--	--	W	W
<b>East North Central</b> .....	<b>.86</b>	<b>.79</b>	<b>8.7</b>	<b>.86</b>	<b>.79</b>	--	--
Illinois.....	--	--	--	--	--	--	--
Indiana.....	.95	--	--	.95	--	--	--
Michigan.....	.85	.97	-12.4	.85	.97	--	--
Ohio.....	--	--	--	--	--	--	--
Wisconsin.....	.66	.71	-7.0	.66	.71	--	--
<b>West North Central</b> .....	<b>.43</b>	<b>.50</b>	<b>-14.0</b>	<b>.43</b>	<b>.50</b>	--	--
Iowa.....	--	--	--	--	--	--	--
Kansas.....	--	--	--	--	--	--	--
Minnesota.....	.43	.50	-14.0	.43	.50	--	--
Missouri.....	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--
<b>South Atlantic</b> .....	<b>.85</b>	<b>.69</b>	<b>23.2</b>	<b>.85</b>	<b>.69</b>	--	--
Delaware.....	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--
Florida.....	.85	.69	23.2	.85	.69	--	--
Georgia.....	--	--	--	--	--	--	--
Maryland.....	--	--	--	--	--	--	--
North Carolina.....	--	--	--	--	--	--	--
South Carolina.....	--	--	--	--	--	--	--
Virginia.....	--	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--
<b>East South Central</b> .....	<b>W</b>	<b>W</b>	<b>W</b>	--	<b>.57</b>	<b>W</b>	<b>W</b>
Alabama.....	--	--	--	--	--	--	--
Kentucky.....	W	W	W	--	.57	W	W
Mississippi.....	--	--	--	--	--	--	--
Tennessee.....	--	--	--	--	--	--	--
<b>West South Central</b> .....	<b>.39</b>	<b>.34</b>	<b>13.7</b>	--	--	<b>.39</b>	<b>.34</b>
Arkansas.....	--	--	--	--	--	--	--
Louisiana.....	W	W	W	--	--	W	W
Oklahoma.....	--	--	--	--	--	--	--
Texas.....	W	W	W	--	--	W	W
<b>Mountain</b> .....	--	--	--	--	--	--	--
Arizona.....	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--
<b>Pacific Contiguous</b> .....	<b>W</b>	<b>1.16</b>	<b>W</b>	--	--	<b>W</b>	<b>1.16</b>
California.....	W	1.16	W	--	--	W	1.16
Oregon.....	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--
<b>U.S. Total</b> .....	<b>.75</b>	<b>.62</b>	<b>21.0</b>	<b>.83</b>	<b>.67</b>	<b>.63</b>	<b>.53</b>

<sup>1</sup> The electric power sector includes electricity-only plants and combined-heat-and-power (CHP) plants whose primary business is to sell electricity.

<sup>2</sup> Data shown for electric utilities are collected by the Federal Energy Regulatory Commission on the FERC Form 423.

W = Withheld to avoid disclosure of individual company data.

Notes: •See Glossary for definitions. •Data for 2003 and 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Monetary values are expressed in nominal terms. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data.

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

**Table 4.13.A. Average Cost of Natural Gas Delivered for Electricity Generation by State, April 2004 and 2003**  
(Dollars per Million Btu)

Census Division and State	Electric Power Sector <sup>1</sup>			Electric Utilities <sup>2</sup>		Independent Power Producers	
	Apr 2004	Apr 2003	Percent Change	Apr 2004	Apr 2003	Apr 2004	Apr 2003
<b>New England.....</b>	<b>5.98</b>	<b>5.72</b>	<b>4.6</b>	<b>7.23</b>	<b>6.69</b>	<b>5.96</b>	<b>5.72</b>
Connecticut.....	6.32	W	W	--	--	6.32	W
Maine.....	6.02	5.74	4.9	--	--	6.02	5.74
Massachusetts.....	5.84	5.28	10.6	7.23	6.69	5.84	5.28
New Hampshire.....	6.07	--	--	--	--	--	--
Rhode Island.....	W	W	W	--	--	W	W
Vermont.....	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>6.38</b>	<b>5.99</b>	<b>6.5</b>	<b>6.21</b>	<b>5.74</b>	<b>6.38</b>	<b>6.02</b>
New Jersey.....	6.52	5.97	9.2	--	--	6.52	5.97
New York.....	6.11	5.96	2.5	6.21	5.74	6.10	6.02
Pennsylvania.....	7.07	6.16	14.8	--	--	7.07	6.16
<b>East North Central.....</b>	<b>4.70</b>	<b>4.43</b>	<b>6.2</b>	<b>6.34</b>	<b>6.25</b>	<b>4.64</b>	<b>4.16</b>
Illinois.....	6.10	6.72	-9.2	6.11	7.39	6.10	6.70
Indiana.....	W	W	W	6.42	11.05	W	W
Michigan.....	W	W	W	7.30	5.73	W	W
Ohio.....	6.20	W	W	7.05	6.16	6.16	W
Wisconsin.....	5.94	W	W	5.82	5.65	5.99	W
<b>West North Central.....</b>	<b>5.89</b>	<b>5.18</b>	<b>13.6</b>	<b>5.79</b>	<b>5.18</b>	<b>5.99</b>	<b>5.18</b>
Iowa.....	6.43	W	W	6.43	5.86	--	W
Kansas.....	5.25	4.94	6.3	5.25	4.94	--	--
Minnesota.....	W	W	W	5.79	5.93	W	W
Missouri.....	W	W	W	5.85	5.12	W	W
Nebraska.....	6.05	5.96	1.5	6.05	5.96	--	--
North Dakota.....	6.27	--	--	6.27	--	--	--
South Dakota.....	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>5.97</b>	<b>6.00</b>	<b>-5</b>	<b>6.22</b>	<b>6.13</b>	<b>5.16</b>	<b>5.61</b>
Delaware.....	W	W	W	6.77	6.49	W	W
District of Columbia.....	--	--	--	--	--	--	--
Florida.....	5.91	5.82	1.5	6.17	6.08	4.28	4.09
Georgia.....	6.03	5.83	3.4	5.85	5.59	6.03	5.83
Maryland.....	W	5.21	W	--	--	W	5.21
North Carolina.....	W	W	W	7.18	7.38	W	W
South Carolina.....	W	W	W	--	--	W	W
Virginia.....	6.72	W	W	6.82	6.87	6.29	W
West Virginia.....	W	55.38	W	--	16.67	W	60.63
<b>East South Central.....</b>	<b>5.88</b>	<b>5.75</b>	<b>2.2</b>	<b>5.86</b>	<b>5.87</b>	<b>5.91</b>	<b>5.24</b>
Alabama.....	5.92	6.00	-1.3	5.94	6.11	5.90	4.55
Kentucky.....	W	W	W	7.30	12.05	W	W
Mississippi.....	W	5.45	W	5.74	5.52	W	5.27
Tennessee.....	--	W	W	--	--	--	W
<b>West South Central.....</b>	<b>5.50</b>	<b>5.03</b>	<b>9.4</b>	<b>5.68</b>	<b>5.28</b>	<b>5.43</b>	<b>4.89</b>
Arkansas.....	W	4.21	W	6.06	5.58	W	3.98
Louisiana.....	W	5.15	W	6.04	5.68	W	3.69
Oklahoma.....	5.55	5.18	7.1	5.55	5.29	5.56	4.19
Texas.....	5.43	5.04	7.7	5.60	5.03	5.39	5.04
<b>Mountain.....</b>	<b>5.31</b>	<b>4.24</b>	<b>25.1</b>	<b>5.90</b>	<b>4.58</b>	<b>5.00</b>	<b>4.01</b>
Arizona.....	5.69	4.00	42.2	7.36	3.97	5.38	4.02
Colorado.....	4.29	3.46	24.0	4.25	3.61	4.35	3.22
Idaho.....	--	W	W	--	--	--	W
Montana.....	W	W	W	7.40	4.64	W	W
Nevada.....	5.25	4.98	5.4	6.30	5.86	4.41	4.35
New Mexico.....	W	W	W	5.32	4.48	W	W
Utah.....	--	3.94	-100.0	--	3.94	--	--
Wyoming.....	2.77	3.64	-23.9	2.77	3.64	--	--
<b>Pacific Contiguous.....</b>	<b>5.29</b>	<b>4.79</b>	<b>10.5</b>	<b>4.66</b>	<b>4.02</b>	<b>5.40</b>	<b>5.03</b>
California.....	5.57	5.12	8.8	5.21	4.50	5.62	5.30
Oregon.....	W	W	W	4.85	4.04	W	W
Washington.....	W	W	W	--	--	W	W
Alaska.....	2.85	2.11	35.1	2.85	2.11	--	--
Hawaii.....	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>5.61</b>	<b>5.21</b>	<b>7.7</b>	<b>5.81</b>	<b>5.43</b>	<b>5.52</b>	<b>5.08</b>

<sup>1</sup> The electric power sector includes electricity-only plants and combined-heat-and-power (CHP) plants whose primary business is to sell electricity.

<sup>2</sup> Data shown for electric utilities are collected by the Federal Energy Regulatory Commission on the FERC Form 423.

W = Withheld to avoid disclosure of individual company data.

Notes: •See Glossary for definitions. •Data for 2003 and 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Monetary values are expressed in nominal terms. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Natural gas, including a small amount of supplemental gaseous fuels. Natural gas values for 2004 do not include blast furnace gas or other gas.

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

**Table 4.13.B. Average Cost of Natural Gas Delivered for Electricity Generation by State, Year-to-Date through April 2004 and 2003**  
(Dollars per Million Btu)

Census Division and State	Electric Power Sector <sup>1</sup>			Electric Utilities <sup>2</sup>		Independent Power Producers	
	2004	2003	Percent Change	2004	2003	2004	2003
<b>New England.....</b>	<b>6.91</b>	<b>6.86</b>	<b>.7</b>	<b>7.03</b>	<b>9.57</b>	<b>6.94</b>	<b>6.85</b>
Connecticut.....	7.57	7.92	-4.4	--	--	7.57	7.92
Maine.....	6.71	6.83	-1.8	--	--	6.71	6.83
Massachusetts.....	6.79	5.90	15.1	7.03	9.57	6.79	5.88
New Hampshire.....	6.68	--	--	--	--	--	--
Rhode Island.....	W	8.33	W	--	--	W	8.33
Vermont.....	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>6.69</b>	<b>7.05</b>	<b>-5.1</b>	<b>7.31</b>	<b>7.94</b>	<b>6.64</b>	<b>6.95</b>
New Jersey.....	6.86	7.11	-3.5	--	--	6.86	7.11
New York.....	6.46	7.02	-8.0	7.31	7.94	6.34	6.83
Pennsylvania.....	7.25	7.05	2.8	--	--	7.25	7.05
<b>East North Central.....</b>	<b>4.76</b>	<b>4.72</b>	<b>.8</b>	<b>6.76</b>	<b>6.39</b>	<b>4.66</b>	<b>4.49</b>
Illinois.....	6.17	6.05	2.0	6.17	7.10	6.17	6.04
Indiana.....	W	7.26	W	7.90	9.38	W	5.92
Michigan.....	3.98	W	W	6.95	6.24	3.91	W
Ohio.....	W	7.70	W	7.49	6.96	W	7.81
Wisconsin.....	6.18	W	W	6.11	6.24	6.20	W
<b>West North Central.....</b>	<b>6.02</b>	<b>5.91</b>	<b>1.9</b>	<b>5.98</b>	<b>5.92</b>	<b>6.10</b>	<b>5.89</b>
Iowa.....	7.13	W	W	7.13	6.04	--	W
Kansas.....	5.30	6.21	-14.7	5.30	6.21	--	--
Minnesota.....	W	W	W	6.24	6.31	W	W
Missouri.....	W	W	W	5.79	5.25	W	W
Nebraska.....	6.31	6.90	-8.6	6.31	6.90	--	--
North Dakota.....	6.47	7.50	-13.7	6.47	7.50	--	--
South Dakota.....	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>5.95</b>	<b>6.36</b>	<b>-6.4</b>	<b>6.24</b>	<b>6.66</b>	<b>5.07</b>	<b>5.49</b>
Delaware.....	W	W	W	6.41	6.61	W	W
District of Columbia.....	--	--	--	--	--	--	--
Florida.....	5.91	6.27	-5.7	6.20	6.64	4.20	3.85
Georgia.....	5.95	6.72	-11.5	3.21	5.59	5.96	6.72
Maryland.....	5.84	10.53	-44.5	--	--	5.84	10.53
North Carolina.....	W	W	W	7.32	7.24	W	W
South Carolina.....	W	W	W	--	7.10	W	W
Virginia.....	W	W	W	7.02	7.15	W	W
West Virginia.....	6.74	21.34	-68.4	6.54	13.81	6.74	22.20
<b>East South Central.....</b>	<b>5.62</b>	<b>6.14</b>	<b>-8.6</b>	<b>5.54</b>	<b>6.18</b>	<b>5.72</b>	<b>5.89</b>
Alabama.....	5.54	6.11	-9.3	5.45	6.15	5.69	5.64
Kentucky.....	W	W	W	7.21	7.69	W	W
Mississippi.....	5.72	6.15	-7.0	5.69	6.19	5.75	5.95
Tennessee.....	W	W	W	--	--	W	W
<b>West South Central.....</b>	<b>5.50</b>	<b>6.02</b>	<b>-8.7</b>	<b>5.75</b>	<b>6.26</b>	<b>5.40</b>	<b>5.90</b>
Arkansas.....	5.75	5.64	2.0	5.62	5.78	5.76	5.63
Louisiana.....	6.04	6.42	-5.9	6.11	6.70	5.88	5.25
Oklahoma.....	5.73	6.38	-10.2	5.85	6.61	5.53	4.41
Texas.....	5.38	5.93	-9.3	5.49	5.78	5.36	5.96
<b>Mountain.....</b>	<b>5.27</b>	<b>4.82</b>	<b>9.3</b>	<b>5.93</b>	<b>4.72</b>	<b>4.97</b>	<b>4.90</b>
Arizona.....	5.43	5.20	4.4	6.23	5.21	5.28	5.19
Colorado.....	4.91	4.26	15.3	5.06	3.97	4.69	4.89
Idaho.....	W	W	W	--	--	W	W
Montana.....	W	W	W	7.60	5.13	W	W
Nevada.....	5.31	4.72	12.5	6.90	5.01	4.57	4.47
New Mexico.....	W	W	W	5.46	5.21	W	W
Utah.....	2.28	W	W	2.28	3.60	--	W
Wyoming.....	2.59	3.38	-23.4	2.59	3.38	--	--
<b>Pacific Contiguous.....</b>	<b>5.24</b>	<b>5.23</b>	<b>.3</b>	<b>4.71</b>	<b>4.32</b>	<b>5.34</b>	<b>5.48</b>
California.....	5.48	5.64	-2.8	5.26	5.04	5.51	5.79
Oregon.....	4.83	4.34	11.3	4.91	3.63	4.82	4.46
Washington.....	4.34	3.73	16.4	--	--	4.34	3.73
Alaska.....	2.81	2.04	37.7	2.81	2.04	--	--
Hawaii.....	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>5.68</b>	<b>5.95</b>	<b>-4.5</b>	<b>5.84</b>	<b>6.05</b>	<b>5.61</b>	<b>5.89</b>

<sup>1</sup> The electric power sector includes electricity-only plants and combined-heat-and-power (CHP) plants whose primary business is to sell electricity.

<sup>2</sup> Data shown for electric utilities are collected by the Federal Energy Regulatory Commission on the FERC Form 423.

W = Withheld to avoid disclosure of individual company data.

Notes: •See Glossary for definitions. •Data for 2003 and 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Monetary values are expressed in nominal terms. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data. •Natural gas, including a small amount of supplemental gaseous fuels. Natural gas values for 2004 do not include blast furnace gas or other gas.

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

**Table 4.14. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Total (All Sectors) by State, April 2004**  
(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
<b>New England.....</b>	<b>530</b>	<b>.8</b>	<b>7.1</b>	--	--	--	--	--	--
Connecticut.....	42	1.5	13.3	--	--	--	--	--	--
Maine.....	26	.7	5.7	--	--	--	--	--	--
Massachusetts.....	372	.6	6.8	--	--	--	--	--	--
New Hampshire.....	90	1.2	5.9	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>2,815</b>	<b>2.1</b>	<b>11.2</b>	<b>177</b>	<b>.3</b>	<b>5.1</b>	--	--	--
New Jersey.....	153	1.7	8.2	--	--	--	--	--	--
New York.....	596	2.0	8.4	177	.3	5.1	--	--	--
Pennsylvania.....	2,065	2.2	12.2	--	--	--	--	--	--
<b>East North Central.....</b>	<b>7,454</b>	<b>2.1</b>	<b>9.2</b>	<b>9,300</b>	<b>.3</b>	<b>4.9</b>	--	--	--
Illinois.....	833	2.1	9.0	3,680	.4	5.1	--	--	--
Indiana.....	2,806	2.0	8.6	1,571	.2	4.6	--	--	--
Michigan.....	771	1.1	9.2	2,375	.3	4.9	--	--	--
Ohio.....	2,898	2.6	9.8	--	--	--	--	--	--
Wisconsin.....	147	.9	8.1	1,673	.3	4.9	--	--	--
<b>West North Central.....</b>	<b>253</b>	<b>2.7</b>	<b>10.1</b>	<b>9,195</b>	<b>.4</b>	<b>5.4</b>	<b>1,853</b>	<b>.7</b>	<b>9.2</b>
Iowa.....	74	2.9	9.7	1,782	.3	4.9	--	--	--
Kansas.....	40	5.0	17.2	1,532	.4	5.4	--	--	--
Minnesota.....	21	1.1	7.5	1,602	.5	6.6	--	--	--
Missouri.....	118	2.1	8.5	3,467	.3	5.1	--	--	--
Nebraska.....	--	--	--	533	.3	4.8	--	--	--
North Dakota.....	--	--	--	83	.3	5.8	1,853	.7	9.2
South Dakota.....	--	--	--	196	.3	4.6	--	--	--
<b>South Atlantic.....</b>	<b>9,796</b>	<b>1.3</b>	<b>10.7</b>	<b>1,864</b>	<b>.4</b>	<b>5.4</b>	--	--	--
Delaware.....	127	.9	9.1	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	1,071	1.9	8.4	--	--	--	--	--	--
Georgia.....	1,792	1.1	10.3	1,864	.4	5.4	--	--	--
Maryland.....	810	1.2	10.7	--	--	--	--	--	--
North Carolina.....	1,473	.9	11.5	--	--	--	--	--	--
South Carolina.....	700	1.3	9.5	--	--	--	--	--	--
Virginia.....	1,167	1.0	10.3	--	--	--	--	--	--
West Virginia.....	2,657	1.6	12.0	--	--	--	--	--	--
<b>East South Central.....</b>	<b>6,931</b>	<b>1.7</b>	<b>11.0</b>	<b>1,506</b>	<b>.3</b>	<b>5.0</b>	<b>264</b>	<b>.5</b>	<b>16.2</b>
Alabama.....	1,260	1.1	11.0	754	.3	5.2	--	--	--
Kentucky.....	3,003	2.3	12.2	110	.3	5.2	--	--	--
Mississippi.....	396	.7	9.4	184	.2	4.7	264	.5	16.2
Tennessee.....	2,271	1.5	9.6	459	.2	4.9	--	--	--
<b>West South Central.....</b>	<b>87</b>	<b>2.5</b>	<b>16.4</b>	<b>5,320</b>	<b>.3</b>	<b>5.1</b>	<b>2,782</b>	<b>1.3</b>	<b>17.0</b>
Arkansas.....	--	--	--	607	.3	5.0	--	--	--
Louisiana.....	2	1.0	10.0	258	.3	5.3	77	.9	13.6
Oklahoma.....	85	2.5	16.6	1,363	.3	5.1	--	--	--
Texas.....	--	--	--	3,091	.3	5.1	2,705	1.3	17.1
<b>Mountain.....</b>	<b>2,802</b>	<b>.6</b>	<b>9.9</b>	<b>5,379</b>	<b>.5</b>	<b>11.1</b>	<b>23</b>	<b>.7</b>	<b>7.9</b>
Arizona.....	759	.5	9.2	809	.5	14.0	--	--	--
Colorado.....	431	.5	11.5	1,004	.3	5.5	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	746	.6	8.0	23	.7	7.9
Nevada.....	249	.6	9.2	--	--	--	--	--	--
New Mexico.....	--	--	--	1,160	.8	21.6	--	--	--
Utah.....	1,136	.5	10.7	--	--	--	--	--	--
Wyoming.....	228	1.1	5.6	1,659	.4	7.0	--	--	--
<b>Pacific Contiguous.....</b>	<b>135</b>	<b>.5</b>	<b>8.3</b>	<b>864</b>	<b>.8</b>	<b>10.6</b>	--	--	--
California.....	135	.5	8.3	--	--	--	--	--	--
Oregon.....	--	--	--	222	.3	5.1	--	--	--
Washington.....	--	--	--	642	1.0	12.6	--	--	--
<b>Pacific Noncontiguous.....</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>61</b>	<b>.4</b>	<b>3.2</b>	<b>--</b>	<b>--</b>	<b>--</b>
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	61	.4	3.2	--	--	--
<b>U.S. Total.....</b>	<b>30,803</b>	<b>1.6</b>	<b>10.3</b>	<b>33,666</b>	<b>.4</b>	<b>6.2</b>	<b>4,922</b>	<b>1.0</b>	<b>14.0</b>

W = Withheld to avoid disclosure of individual company data.

Notes: •See Glossary for definitions. •Data for 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data.

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

**Table 4.15. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Electric Utilities by State, April 2004**  
(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
<b>New England.....</b>	<b>110</b>	<b>1.0</b>	<b>6.2</b>	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--	--	--	--
Maine.....	--	--	--	--	--	--	--	--	--
Massachusetts.....	20	.4	7.5	--	--	--	--	--	--
New Hampshire.....	90	1.2	5.9	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>170</b>	<b>2.2</b>	<b>8.1</b>	--	--	--	--	--	--
New Jersey.....	48	2.3	8.0	--	--	--	--	--	--
New York.....	66	2.1	8.3	--	--	--	--	--	--
Pennsylvania.....	57	2.2	7.9	--	--	--	--	--	--
<b>East North Central.....</b>	<b>6,811</b>	<b>2.2</b>	<b>9.2</b>	<b>5,754</b>	<b>.3</b>	<b>4.8</b>	--	--	--
Illinois.....	295	3.1	9.7	355	.3	5.0	--	--	--
Indiana.....	2,806	2.0	8.6	1,384	.2	4.7	--	--	--
Michigan.....	707	1.1	9.2	2,375	.3	4.9	--	--	--
Ohio.....	2,863	2.6	9.8	--	--	--	--	--	--
Wisconsin.....	141	.8	8.1	1,640	.3	4.8	--	--	--
<b>West North Central.....</b>	<b>201</b>	<b>2.5</b>	<b>10.3</b>	<b>9,068</b>	<b>.4</b>	<b>5.4</b>	<b>1,853</b>	<b>.7</b>	<b>9.2</b>
Iowa.....	33	2.1	9.7	1,742	.3	4.9	--	--	--
Kansas.....	40	5.0	17.2	1,532	.4	5.4	--	--	--
Minnesota.....	21	1.1	7.5	1,514	.5	6.8	--	--	--
Missouri.....	107	1.9	8.5	3,467	.3	5.1	--	--	--
Nebraska.....	--	--	--	533	.3	4.8	--	--	--
North Dakota.....	--	--	--	83	.3	5.8	1,853	.7	9.2
South Dakota.....	--	--	--	196	.3	4.6	--	--	--
<b>South Atlantic.....</b>	<b>7,352</b>	<b>1.2</b>	<b>10.8</b>	<b>1,864</b>	<b>.4</b>	<b>5.4</b>	--	--	--
Delaware.....	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	890	2.1	8.0	--	--	--	--	--	--
Georgia.....	1,725	1.1	10.3	1,864	.4	5.4	--	--	--
Maryland.....	--	--	--	--	--	--	--	--	--
North Carolina.....	1,287	.9	11.9	--	--	--	--	--	--
South Carolina.....	682	1.3	9.6	--	--	--	--	--	--
Virginia.....	896	1.0	10.7	--	--	--	--	--	--
West Virginia.....	1,873	1.1	12.3	--	--	--	--	--	--
<b>East South Central.....</b>	<b>6,697</b>	<b>1.7</b>	<b>11.0</b>	<b>1,506</b>	<b>.3</b>	<b>5.0</b>	--	--	--
Alabama.....	1,254	1.1	11.0	754	.3	5.2	--	--	--
Kentucky.....	2,857	2.3	12.1	110	.3	5.2	--	--	--
Mississippi.....	396	.7	9.4	184	.2	4.7	--	--	--
Tennessee.....	2,191	1.6	9.7	459	.2	4.9	--	--	--
<b>West South Central.....</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>4,304</b>	<b>.3</b>	<b>5.1</b>	<b>482</b>	<b>1.2</b>	<b>17.5</b>
Arkansas.....	--	--	--	607	.3	5.0	--	--	--
Louisiana.....	--	--	--	258	.3	5.3	77	.9	13.6
Oklahoma.....	--	--	--	1,330	.3	5.0	--	--	--
Texas.....	--	--	--	2,109	.3	5.1	405	1.3	18.2
<b>Mountain.....</b>	<b>2,802</b>	<b>.6</b>	<b>9.9</b>	<b>5,016</b>	<b>.5</b>	<b>11.3</b>	<b>23</b>	<b>.7</b>	<b>7.9</b>
Arizona.....	759	.5	9.2	770	.5	14.0	--	--	--
Colorado.....	431	.5	11.5	1,004	.3	5.5	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	422	.6	8.4	23	.7	7.9
Nevada.....	249	.6	9.2	--	--	--	--	--	--
New Mexico.....	--	--	--	1,160	.8	21.6	--	--	--
Utah.....	1,136	.5	10.7	--	--	--	--	--	--
Wyoming.....	228	1.1	5.6	1,659	.4	7.0	--	--	--
<b>Pacific Contiguous.....</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>222</b>	<b>.3</b>	<b>5.1</b>	<b>--</b>	<b>--</b>	<b>--</b>
California.....	--	--	--	--	--	--	--	--	--
Oregon.....	--	--	--	222	.3	5.1	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--
<b>Pacific Noncontiguous.....</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>24,143</b>	<b>1.6</b>	<b>10.2</b>	<b>27,735</b>	<b>.4</b>	<b>6.3</b>	<b>2,357</b>	<b>.8</b>	<b>10.9</b>

W = Withheld to avoid disclosure of individual company data.

Notes: •See Glossary for definitions. •Data for 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data.

Sources: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants Report."

**Table 4.16. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Independent Power Producers by State, April 2004**  
(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
<b>New England.....</b>	<b>411</b>	<b>.7</b>	<b>7.4</b>	--	--	--	--	--	--
Connecticut.....	42	1.5	13.3	--	--	--	--	--	--
Maine.....	17	.8	5.8	--	--	--	--	--	--
Massachusetts.....	352	.6	6.7	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>2,541</b>	<b>2.2</b>	<b>11.5</b>	<b>177</b>	<b>.3</b>	<b>5.1</b>	--	--	--
New Jersey.....	106	1.4	8.2	--	--	--	--	--	--
New York.....	481	2.1	8.5	177	.3	5.1	--	--	--
Pennsylvania.....	1,955	2.2	12.5	--	--	--	--	--	--
<b>East North Central.....</b>	<b>446</b>	<b>1.0</b>	<b>8.6</b>	<b>3,453</b>	<b>.4</b>	<b>5.1</b>	--	--	--
Illinois.....	398	.9	8.6	3,266	.4	5.1	--	--	--
Indiana.....	--	--	--	187	.4	4.1	--	--	--
Michigan.....	36	1.3	7.8	--	--	--	--	--	--
Ohio.....	12	2.8	11.1	--	--	--	--	--	--
Wisconsin.....	--	--	--	--	--	--	--	--	--
<b>West North Central.....</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>88</b>	<b>.3</b>	<b>3.7</b>	--	--	--
Iowa.....	--	--	--	--	--	--	--	--	--
Kansas.....	--	--	--	--	--	--	--	--	--
Minnesota.....	--	--	--	88	.3	3.7	--	--	--
Missouri.....	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>2,257</b>	<b>1.7</b>	<b>10.4</b>	--	--	--	--	--	--
Delaware.....	127	.9	9.1	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	181	.9	10.8	--	--	--	--	--	--
Georgia.....	--	--	--	--	--	--	--	--	--
Maryland.....	810	1.2	10.7	--	--	--	--	--	--
North Carolina.....	130	.9	8.7	--	--	--	--	--	--
South Carolina.....	--	--	--	--	--	--	--	--	--
Virginia.....	262	.8	8.7	--	--	--	--	--	--
West Virginia.....	748	3.0	11.1	--	--	--	--	--	--
<b>East South Central.....</b>	<b>153</b>	<b>2.9</b>	<b>14.7</b>	--	--	--	<b>264</b>	<b>.5</b>	<b>16.2</b>
Alabama.....	7	1.3	14.4	--	--	--	--	--	--
Kentucky.....	146	2.9	14.7	--	--	--	--	--	--
Mississippi.....	--	--	--	--	--	--	264	.5	16.2
Tennessee.....	--	--	--	--	--	--	--	--	--
<b>West South Central.....</b>	<b>78</b>	<b>2.7</b>	<b>17.1</b>	<b>982</b>	<b>.3</b>	<b>5.1</b>	<b>2,128</b>	<b>1.2</b>	<b>16.7</b>
Arkansas.....	--	--	--	--	--	--	--	--	--
Louisiana.....	--	--	--	--	--	--	--	--	--
Oklahoma.....	78	2.7	17.1	--	--	--	--	--	--
Texas.....	--	--	--	982	.3	5.1	2,128	1.2	16.7
<b>Mountain.....</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>324</b>	<b>.5</b>	<b>7.5</b>	--	--	--
Arizona.....	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	324	.5	7.5	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>60</b>	<b>.5</b>	<b>8.1</b>	<b>642</b>	<b>1.0</b>	<b>12.6</b>	--	--	--
California.....	60	.5	8.1	--	--	--	--	--	--
Oregon.....	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	642	1.0	12.6	--	--	--
<b>Pacific Noncontiguous.....</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>61</b>	<b>.4</b>	<b>3.2</b>	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	61	.4	3.2	--	--	--
<b>U.S. Total.....</b>	<b>5,947</b>	<b>1.8</b>	<b>10.7</b>	<b>5,726</b>	<b>.4</b>	<b>6.0</b>	<b>2,392</b>	<b>1.2</b>	<b>16.7</b>

W = Withheld to avoid disclosure of individual company data.

Notes: •See Glossary for definitions. •Data for 2004 are preliminary. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report."

**Table 4.17. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Commercial Combined Heat and Power Producers by State, April 2004**  
(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
<b>New England.....</b>	--	--	--	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--	--	--	--
Maine.....	--	--	--	--	--	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	--	--	--	--	--	--	--	--	--
New Jersey.....	--	--	--	--	--	--	--	--	--
New York.....	--	--	--	--	--	--	--	--	--
Pennsylvania.....	--	--	--	--	--	--	--	--	--
<b>East North Central.....</b>	17	2.1	9.8	--	--	--	--	--	--
Illinois.....	2	3.8	9.1	--	--	--	--	--	--
Indiana.....	--	--	--	--	--	--	--	--	--
Michigan.....	16	1.9	9.9	--	--	--	--	--	--
Ohio.....	--	--	--	--	--	--	--	--	--
Wisconsin.....	--	--	--	--	--	--	--	--	--
<b>West North Central.....</b>	11	3.7	8.4	--	--	--	--	--	--
Iowa.....	--	--	--	--	--	--	--	--	--
Kansas.....	--	--	--	--	--	--	--	--	--
Minnesota.....	--	--	--	--	--	--	--	--	--
Missouri.....	11	3.7	8.4	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	--	--	--	--	--	--	--	--	--
Delaware.....	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	--	--	--	--	--	--	--	--	--
Georgia.....	--	--	--	--	--	--	--	--	--
Maryland.....	--	--	--	--	--	--	--	--	--
North Carolina.....	--	--	--	--	--	--	--	--	--
South Carolina.....	--	--	--	--	--	--	--	--	--
Virginia.....	--	--	--	--	--	--	--	--	--
West Virginia.....	--	--	--	--	--	--	--	--	--
<b>East South Central.....</b>	--	--	--	--	--	--	--	--	--
Alabama.....	--	--	--	--	--	--	--	--	--
Kentucky.....	--	--	--	--	--	--	--	--	--
Mississippi.....	--	--	--	--	--	--	--	--	--
Tennessee.....	--	--	--	--	--	--	--	--	--
<b>West South Central.....</b>	--	--	--	--	--	--	--	--	--
Arkansas.....	--	--	--	--	--	--	--	--	--
Louisiana.....	--	--	--	--	--	--	--	--	--
Oklahoma.....	--	--	--	--	--	--	--	--	--
Texas.....	--	--	--	--	--	--	--	--	--
<b>Mountain.....</b>	--	--	--	--	--	--	--	--	--
Arizona.....	--	--	--	--	--	--	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	--	--	--	--	--	--	--	--	--
California.....	--	--	--	--	--	--	--	--	--
Oregon.....	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--
<b>Pacific Noncontiguous.....</b>	--	--	--	--	--	--	--	--	--
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	28	2.7	9.3	--	--	--	--	--	--

W = Withheld to avoid disclosure of individual company data.

Notes: •See Glossary for definitions. •Data for 2004 are preliminary. •Values include a small number of commercial electricity-only plants. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report."

**Table 4.18. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Industrial Combined Heat and Power Producers by State, April 2004**  
(Thousand Tons)

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
<b>New England.....</b>	<b>9</b>	<b>.7</b>	<b>5.6</b>	--	--	--	--	--	--
Connecticut.....	--	--	--	--	--	--	--	--	--
Maine.....	9	.7	5.6	--	--	--	--	--	--
Massachusetts.....	--	--	--	--	--	--	--	--	--
New Hampshire.....	--	--	--	--	--	--	--	--	--
Rhode Island.....	--	--	--	--	--	--	--	--	--
Vermont.....	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>103</b>	<b>1.2</b>	<b>8.1</b>	--	--	--	--	--	--
New Jersey.....	--	--	--	--	--	--	--	--	--
New York.....	49	1.4	8.3	--	--	--	--	--	--
Pennsylvania.....	54	1.0	8.0	--	--	--	--	--	--
<b>East North Central.....</b>	<b>179</b>	<b>3.0</b>	<b>8.6</b>	<b>93</b>	<b>.4</b>	<b>5.7</b>	--	--	--
Illinois.....	138	3.1	8.4	60	.4	5.5	--	--	--
Indiana.....	--	--	--	--	--	--	--	--	--
Michigan.....	13	.8	9.2	--	--	--	--	--	--
Ohio.....	22	3.8	9.4	--	--	--	--	--	--
Wisconsin.....	6	2.9	9.0	33	.3	6.2	--	--	--
<b>West North Central.....</b>	<b>42</b>	<b>3.5</b>	<b>9.7</b>	<b>40</b>	<b>.4</b>	<b>5.0</b>	--	--	--
Iowa.....	42	3.5	9.7	40	.4	5.0	--	--	--
Kansas.....	--	--	--	--	--	--	--	--	--
Minnesota.....	--	--	--	--	--	--	--	--	--
Missouri.....	--	--	--	--	--	--	--	--	--
Nebraska.....	--	--	--	--	--	--	--	--	--
North Dakota.....	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>187</b>	<b>1.0</b>	<b>9.5</b>	--	--	--	--	--	--
Delaware.....	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--
Florida.....	--	--	--	--	--	--	--	--	--
Georgia.....	67	.8	8.7	--	--	--	--	--	--
Maryland.....	--	--	--	--	--	--	--	--	--
North Carolina.....	57	.9	7.8	--	--	--	--	--	--
South Carolina.....	17	.8	8.1	--	--	--	--	--	--
Virginia.....	10	.9	7.3	--	--	--	--	--	--
West Virginia.....	36	1.4	15.0	--	--	--	--	--	--
<b>East South Central.....</b>	<b>81</b>	<b>1.0</b>	<b>7.4</b>	--	--	--	--	--	--
Alabama.....	--	--	--	--	--	--	--	--	--
Kentucky.....	--	--	--	--	--	--	--	--	--
Mississippi.....	--	--	--	--	--	--	--	--	--
Tennessee.....	81	1.0	7.4	--	--	--	--	--	--
<b>West South Central.....</b>	<b>9</b>	<b>.7</b>	<b>10.0</b>	<b>34</b>	<b>.2</b>	<b>6.5</b>	<b>173</b>	<b>1.8</b>	<b>18.8</b>
Arkansas.....	--	--	--	--	--	--	--	--	--
Louisiana.....	2	1.0	10.0	--	--	--	--	--	--
Oklahoma.....	6	.6	10.0	34	.2	6.5	--	--	--
Texas.....	--	--	--	--	--	--	173	1.8	18.8
<b>Mountain.....</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>39</b>	<b>.5</b>	<b>13.6</b>	--	--	--
Arizona.....	--	--	--	39	.5	13.6	--	--	--
Colorado.....	--	--	--	--	--	--	--	--	--
Idaho.....	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	--	--	--	--	--	--
Utah.....	--	--	--	--	--	--	--	--	--
Wyoming.....	--	--	--	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>75</b>	<b>.6</b>	<b>8.5</b>	--	--	--	--	--	--
California.....	75	.6	8.5	--	--	--	--	--	--
Oregon.....	--	--	--	--	--	--	--	--	--
Washington.....	--	--	--	--	--	--	--	--	--
<b>Pacific Noncontiguous.....</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Alaska.....	--	--	--	--	--	--	--	--	--
Hawaii.....	--	--	--	--	--	--	--	--	--
<b>U.S. Total.....</b>	<b>684</b>	<b>1.6</b>	<b>8.7</b>	<b>205</b>	<b>.4</b>	<b>7.2</b>	<b>173</b>	<b>1.8</b>	<b>18.8</b>

W = Withheld to avoid disclosure of individual company data.

Notes: •See Glossary for definitions. •Data for 2004 are preliminary. •Values include a small number of industrial electricity-only plants. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the Independent Power Producer sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report."

## Chapter 5. Retail Sales, Revenue, and Average Retail Price of Electricity

**Table 5.1. Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 1990 through May 2004**  
(Million Kilowatthours)

Period	Residential	Commercial	Industrial	Transportation <sup>1</sup>	Other <sup>2</sup>	All Sectors <sup>3</sup>
1990 .....	924,019	751,027	945,522	NA	91,988	2,712,555
1991 .....	955,417	765,664	946,583	NA	94,339	2,762,003
1992 .....	935,939	761,271	972,714	NA	93,442	2,763,365
1993 .....	994,781	794,573	977,164	NA	94,944	2,861,462
1994 .....	1,008,482	820,269	1,007,981	NA	97,830	2,934,563
1995 .....	1,042,501	862,685	1,012,693	NA	95,407	3,013,287
1996 .....	1,082,512	887,445	1,033,631	NA	97,539	3,101,127
1997 .....	1,075,880	928,633	1,038,197	NA	102,901	3,145,610
1998 .....	1,130,109	979,401	1,051,203	NA	103,518	3,264,231
1999 .....	1,144,923	1,001,996	1,058,217	NA	106,952	3,312,087
2000 .....	1,192,446	1,055,232	1,064,239	NA	109,496	3,421,414
2001 .....	1,202,647	1,089,154	964,224	NA	113,756	3,369,781
<b>2002</b>						
January.....	117,742	89,366	76,600	NA	8,315	292,023
February.....	97,309	82,526	76,413	NA	8,028	264,275
March.....	95,919	85,055	78,122	NA	8,010	267,105
April.....	86,103	85,549	78,918	NA	8,009	258,578
May.....	87,494	90,819	82,242	NA	8,501	269,055
June.....	107,853	98,638	82,432	NA	9,306	298,230
July.....	133,389	108,091	85,724	NA	10,064	337,268
August.....	133,951	107,439	86,739	NA	10,183	338,312
September.....	114,951	100,138	84,107	NA	10,266	309,462
October.....	94,237	95,188	83,783	NA	9,456	282,665
November.....	88,926	85,363	79,057	NA	8,464	261,810
December.....	109,085	88,076	78,032	NA	8,546	283,738
<b>Total.....</b>	<b>1,266,959</b>	<b>1,116,248</b>	<b>972,168</b>	<b>NA</b>	<b>107,146</b>	<b>3,462,521</b>
<b>2003</b>						
January.....	125,307	93,712	80,351	NA	8,743	308,113
February.....	112,021	84,886	77,901	NA	8,327	283,136
March.....	100,154	86,482	78,914	NA	8,265	273,816
April.....	84,102	83,470	80,561	NA	7,924	256,057
May.....	88,340	89,391	82,495	NA	8,581	268,807
June.....	100,912	94,911	84,296	NA	9,353	289,472
July.....	130,254	106,961	86,064	NA	10,232	333,510
August.....	133,889	108,218	88,825	NA	10,550	341,481
September.....	113,506	99,408	84,526	NA	9,939	307,379
October.....	90,044	93,497	85,438	NA	9,525	278,504
November.....	87,474	86,722	81,374	NA	8,838	264,408
December.....	113,903	91,592	80,612	NA	9,176	295,283
<b>Total.....</b>	<b>1,279,907</b>	<b>1,119,250</b>	<b>991,359</b>	<b>NA</b>	<b>109,452</b>	<b>3,499,968</b>
<b>2004</b>						
January.....	126,944	99,595	80,082	NA	NA	306,994
February.....	112,888	93,670	79,107	NA	NA	286,022
March.....	99,415	95,553	82,981	NA	NA	278,262
April.....	85,349	92,860	83,152	NA	NA	261,671
May.....	90,780	100,431	87,543	NA	NA	279,125
<b>Total.....</b>	<b>515,376</b>	<b>482,108</b>	<b>412,866</b>	<b>NA</b>	<b>NA</b>	<b>1,412,073</b>
<b>Year to Date</b>						
2002 .....	484,566	433,314	392,294	NA	40,862	1,351,036
2003 .....	509,925	437,941	400,224	NA	41,840	1,389,929
2004 .....	515,376	482,108	412,866	NA	NA	1,412,073
<b>Rolling 12 Months Ending in May</b>						
2003 .....	1,292,317	1,120,875	980,097	NA	108,125	3,501,415
2004 .....	1,285,358	1,163,417	1,004,001	NA	67,612	3,522,111

<sup>1</sup> Prior to January 2004 data were reported for the other sector, which includes transportation. Because January was the first time for respondents to submit data for the transportation sector, the quality of the information is still being evaluated. These data will be provided in a subsequent issue of this report.

<sup>2</sup> Beginning with January 2004 the other sector was eliminated and its component parts were reclassified into the commercial, industrial, and transportation sectors.

<sup>3</sup> Beginning with January 2004 data, there are small quantities of data for the transportation sector included.

NA = Not available.

Notes: • See Glossary for definitions. • Geographic coverage is the 50 States and the District of Columbia. • Sales values for 1996-2004 include energy service provider (power marketer) data. • Values for 2002 and prior years are final. • Values for 2003 and 2004 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

Sources: 2002 - 2004: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions Report;" 1990-2002: Form EIA-861, "Annual Electric Power Industry Report."

**Table 5.2. Revenue from Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 1990 through May 2004**  
(Million Dollars)

Period	Residential	Commercial	Industrial	Transportation <sup>1</sup>	Other <sup>2</sup>	All Sectors <sup>3</sup>
1990 .....	72,378	55,117	44,857	NA	5,891	178,243
1991 .....	76,828	57,655	45,737	NA	6,138	186,359
1992 .....	76,848	58,343	46,993	NA	6,296	188,480
1993 .....	82,814	61,521	47,357	NA	6,528	198,220
1994 .....	84,552	63,396	48,069	NA	6,689	202,706
1995 .....	87,610	66,365	47,175	NA	6,567	207,717
1996 .....	90,503	67,829	47,536	NA	6,741	212,609
1997 .....	90,704	70,497	47,023	NA	7,110	215,334
1998 .....	93,360	72,575	47,050	NA	6,863	219,848
1999 .....	93,483	72,771	46,846	NA	6,796	219,896
2000 .....	98,209	78,405	49,369	NA	7,179	233,163
2001 .....	103,671	86,354	48,573	NA	7,999	246,597
<b>2002</b>						
January .....	9,527	6,652	3,663	NA	547	20,390
February .....	7,971	6,325	3,682	NA	543	18,521
March .....	7,836	6,541	3,773	NA	544	18,693
April .....	7,216	6,512	3,757	NA	550	18,034
May .....	7,564	7,056	3,932	NA	577	19,129
June .....	9,406	7,944	4,114	NA	636	22,100
July .....	11,752	8,923	4,441	NA	670	25,786
August .....	11,729	8,808	4,431	NA	669	25,638
September .....	9,951	8,056	4,160	NA	673	22,841
October .....	8,023	7,651	4,098	NA	638	20,410
November .....	7,414	6,530	3,741	NA	568	18,252
December .....	8,840	6,706	3,694	NA	593	19,833
<b>Total .....</b>	<b>107,229</b>	<b>87,706</b>	<b>47,485</b>	<b>NA</b>	<b>7,208</b>	<b>249,629</b>
<b>2003</b>						
January .....	10,005	7,286	3,754	NA	584	21,629
February .....	8,961	6,589	3,758	NA	575	19,883
March .....	8,322	6,777	3,862	NA	594	19,555
April .....	7,417	6,704	3,919	NA	571	18,611
May .....	7,947	7,285	4,055	NA	616	19,903
June .....	9,291	8,091	4,270	NA	668	22,320
July .....	11,921	9,203	4,546	NA	714	26,384
August .....	12,305	9,227	4,684	NA	732	26,948
September .....	10,106	8,157	4,245	NA	697	23,206
October .....	8,017	7,641	4,237	NA	653	20,548
November .....	7,649	6,878	3,878	NA	590	18,995
December .....	9,502	7,146	3,852	NA	609	21,109
<b>Total .....</b>	<b>111,443</b>	<b>90,983</b>	<b>49,062</b>	<b>NA</b>	<b>7,603</b>	<b>259,091</b>
<b>2004</b>						
January .....	10,458	7,646	3,891	NA	NA	22,013
February .....	9,387	7,341	3,869	NA	NA	20,618
March .....	8,562	7,581	4,067	NA	NA	20,236
April .....	7,617	7,343	4,116	NA	NA	19,103
May .....	8,235	8,052	4,387	NA	NA	20,704
<b>Total .....</b>	<b>44,258</b>	<b>37,963</b>	<b>20,330</b>	<b>NA</b>	<b>NA</b>	<b>102,674</b>
<b>Year to Date</b>						
2002 .....	40,113	33,087	18,807	NA	2,761	94,768
2003 .....	42,653	34,640	19,348	NA	2,939	99,581
2004 .....	44,258	37,963	20,330	NA	NA	102,674
<b>Rolling 12 Months Ending in May</b>						
2003 .....	109,768	89,259	48,027	NA	7,387	254,441
2004 .....	113,048	94,306	50,043	NA	4,664	262,184

<sup>1</sup> Prior to January 2004 data were reported for the other sector, which includes transportation. Because January was the first time for respondents to submit data for the transportation sector, the quality of the information is still being evaluated. These data will be provided in a subsequent issue of this report.

<sup>2</sup> Beginning with January 2004 the other sector was eliminated and its component parts were reclassified into the commercial, industrial, and transportation sectors.

<sup>3</sup> Beginning with January 2004 data, there are small quantities of data for the transportation sector included.

NA = Not available.

Notes: • See Glossary for definitions. • Geographic coverage is the 50 States and the District of Columbia. • Revenue values for 1996-2004 include energy service provider (power marketer) data. • Values for 2002 and prior years are final. • Values for 2003 and 2004 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Values for 1996 in the commercial and industrial sectors reflect an electric utility's reclassification for this information by Standard Industrial Classification. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

Sources: 2002 - 2004: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions Report;" 1990-2002: Form EIA-861, "Annual Electric Power Industry Report."

**Table 5.3. Average Retail Price of Electricity to Ultimate Customers: Total by End-Use Sector, 1990 through May 2004**  
(Cents per Kilowatthour)

Period	Residential	Commercial	Industrial	Transportation <sup>1</sup>	Other <sup>2</sup>	All Sectors <sup>3</sup>
1990	7.83	7.34	4.74	NA	6.40	6.57
1991	8.04	7.53	4.83	NA	6.51	6.75
1992	8.21	7.66	4.83	NA	6.74	6.82
1993	8.32	7.74	4.85	NA	6.88	6.93
1994	8.38	7.73	4.77	NA	6.84	6.91
1995	8.40	7.69	4.66	NA	6.88	6.89
1996	8.36	7.64	4.60	NA	6.91	6.86
1997	8.43	7.59	4.53	NA	6.91	6.85
1998	8.26	7.41	4.48	NA	6.63	6.74
1999	8.16	7.26	4.43	NA	6.35	6.64
2000	8.24	7.43	4.64	NA	6.56	6.81
2001	8.62	7.93	5.04	NA	7.03	7.32
<b>2002</b>						
January	8.09	7.44	4.78	NA	6.58	6.98
February	8.19	7.66	4.82	NA	6.76	7.01
March	8.17	7.69	4.83	NA	6.79	7.00
April	8.38	7.61	4.76	NA	6.86	6.97
May	8.64	7.77	4.78	NA	6.79	7.11
June	8.72	8.05	4.99	NA	6.83	7.41
July	8.81	8.26	5.18	NA	6.66	7.65
August	8.76	8.20	5.11	NA	6.57	7.58
September	8.66	8.05	4.95	NA	6.56	7.38
October	8.51	8.04	4.89	NA	6.75	7.22
November	8.34	7.65	4.73	NA	6.71	6.97
December	8.10	7.61	4.73	NA	6.94	6.99
<b>Total</b>	<b>8.46</b>	<b>7.86</b>	<b>4.88</b>	<b>NA</b>	<b>6.73</b>	<b>7.21</b>
<b>2003</b>						
January	7.98	7.77	4.67	NA	6.68	7.02
February	8.00	7.76	4.82	NA	6.90	7.02
March	8.31	7.84	4.89	NA	7.19	7.14
April	8.82	8.03	4.86	NA	7.20	7.27
May	9.00	8.15	4.92	NA	7.17	7.40
June	9.21	8.52	5.07	NA	7.15	7.71
July	9.15	8.60	5.28	NA	6.98	7.91
August	9.19	8.53	5.27	NA	6.94	7.89
September	8.90	8.21	5.02	NA	7.01	7.55
October	8.90	8.17	4.96	NA	6.85	7.38
November	8.74	7.93	4.77	NA	6.67	7.18
December	8.34	7.80	4.78	NA	6.64	7.15
<b>Total</b>	<b>8.71</b>	<b>8.13</b>	<b>4.95</b>	<b>NA</b>	<b>6.95</b>	<b>7.40</b>
<b>2004</b>						
January	8.24	7.68	4.86	NA	NA	7.17
February	8.32	7.84	4.89	NA	NA	7.21
March	8.61	7.93	4.90	NA	NA	7.27
April	8.92	7.91	4.95	NA	NA	7.30
May	9.07	8.02	5.01	NA	NA	7.42
<b>Total</b>	<b>8.59</b>	<b>7.87</b>	<b>4.92</b>	<b>NA</b>	<b>NA</b>	<b>7.27</b>
<b>Year to Date</b>						
2002	8.28	7.64	4.79	NA	6.76	7.01
2003	8.36	7.91	4.83	NA	7.03	7.16
2004	8.59	7.87	4.92	NA	NA	7.27
<b>Rolling 12 Months Ending in May</b>						
2003	8.49	7.96	4.90	NA	6.83	7.27
2004	8.80	8.11	4.98	NA	6.90	7.44

<sup>1</sup> Prior to January 2004 data were reported for the other sector, which includes transportation. Because January was the first time for respondents to submit data for the transportation sector, the quality of the information is still being evaluated. These data will be provided in a subsequent issue of this report.

<sup>2</sup> Beginning with January 2004 the other sector was eliminated and its component parts were reclassified into the commercial, industrial, and transportation sectors.

<sup>3</sup> Beginning with January 2004 data, there are small quantities of data for the transportation sector included.

NA = Not available.

Notes: • See Glossary for definitions. • Prices are calculated by dividing revenue by sales. Revenue may not correspond to sales for a particular month because of energy service provider billing and accounting procedures. That lack of correspondence could result in uncharacteristic increases or decreases in the monthly prices. • Geographic coverage is the 50 States and the District of Columbia. • Average Revenue values for 1996-2004 include power marketer data. • Values for 2003 and 2004 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Values for 2002 and prior years are final. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Values for 1996 in the commercial and industrial sectors reflect an electric utility's reclassification for this information by Standard Industrial Classification. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include imported electricity). • Totals may not equal sum of components because of independent rounding. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Sources: 2002 - 2004: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions Report;" 1990-2002: Form EIA-861, "Annual Electric Power Industry Report."

**Table 5.4.A. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, May 2004 and 2003**  
(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation/Other <sup>1</sup>		All Sectors <sup>2</sup>	
	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	<b>3,236</b>	<b>3,167</b>	<b>4,281</b>	<b>4,027</b>	<b>1,962</b>	<b>1,941</b>	NA	<b>119</b>	<b>9,495</b>	<b>9,253</b>
Connecticut.....	882	839	1,096	997	441	426	NA	43	2,435	2,305
Maine.....	304	307	310	304	281	262	NA	5	895	878
Massachusetts.....	1,388	1,372	2,090	1,998	804	834	NA	49	4,282	4,254
New Hampshire.....	294	293	349	318	196	186	NA	11	838	809
Rhode Island.....	213	202	279	261	115	107	NA	7	607	576
Vermont.....	155	153	158	149	125	125	NA	4	438	431
<b>Middle Atlantic.....</b>	<b>8,870</b>	<b>8,193</b>	<b>12,811</b>	<b>10,758</b>	<b>6,644</b>	<b>6,993</b>	NA	<b>1,226</b>	<b>28,480</b>	<b>27,169</b>
New Jersey.....	2,024	1,707	3,179	2,781	959	1,080	NA	39	6,175	5,606
New York.....	3,326	3,230	5,900	4,678	1,587	2,064	NA	1,070	10,887	11,042
Pennsylvania.....	3,521	3,256	3,732	3,299	4,098	3,848	NA	117	11,417	10,520
<b>East North Central.....</b>	<b>11,849</b>	<b>11,417</b>	<b>14,091</b>	<b>12,874</b>	<b>18,518</b>	<b>17,302</b>	NA	<b>1,381</b>	<b>44,499</b>	<b>42,974</b>
Illinois.....	2,638	2,623	3,796	3,422	3,789	3,323	NA	832	10,262	10,200
Indiana.....	2,106	1,836	1,901	1,710	4,123	3,995	NA	53	8,132	7,594
Michigan.....	2,400	2,258	3,110	2,915	3,168	2,915	NA	62	8,678	8,151
Ohio.....	3,233	3,161	3,720	3,298	5,170	4,845	NA	373	12,124	11,676
Wisconsin.....	1,471	1,540	1,564	1,529	2,267	2,223	NA	60	5,303	5,353
<b>West North Central.....</b>	<b>6,359</b>	<b>5,867</b>	<b>7,011</b>	<b>6,451</b>	<b>6,870</b>	<b>6,552</b>	NA	<b>469</b>	<b>20,240</b>	<b>19,338</b>
Iowa.....	852	802	757	660	1,523	1,411	NA	139	3,132	3,013
Kansas.....	948	809	1,146	1,096	895	872	NA	35	2,989	2,811
Minnesota.....	1,351	1,369	1,511	1,503	1,890	1,893	NA	51	4,752	4,816
Missouri.....	2,145	1,840	2,403	2,152	1,432	1,352	NA	98	5,980	5,441
Nebraska.....	583	573	671	547	717	662	NA	85	1,971	1,867
North Dakota.....	237	229	272	254	253	225	NA	34	762	742
South Dakota.....	244	245	250	238	159	137	NA	NM	653	647
<b>South Atlantic.....</b>	<b>23,498</b>	<b>21,940</b>	<b>22,932</b>	<b>19,596</b>	<b>15,232</b>	<b>14,991</b>	NA	<b>1,843</b>	<b>61,757</b>	<b>58,371</b>
Delaware.....	278	254	311	282	281	332	NA	5	871	873
District of Columbia.....	131	85	766	694	25	23	NA	31	948	833
Florida.....	8,079	8,580	7,057	6,510	1,641	1,639	NA	508	16,784	17,237
Georgia.....	3,622	3,258	3,524	3,264	3,088	2,966	NA	139	10,247	9,627
Maryland.....	2,058	1,655	1,527	1,227	1,918	2,247	NA	58	5,537	5,187
North Carolina.....	3,445	3,196	3,557	3,182	2,774	2,655	NA	163	9,776	9,196
South Carolina.....	1,984	1,734	1,736	1,497	2,795	2,712	NA	73	6,514	6,016
Virginia.....	3,150	2,515	3,834	2,406	1,765	1,534	NA	861	8,764	7,316
West Virginia.....	751	662	621	534	946	884	NA	6	2,317	2,086
<b>East South Central.....</b>	<b>7,667</b>	<b>7,386</b>	<b>6,661</b>	<b>6,029</b>	<b>10,929</b>	<b>10,399</b>	NA	<b>494</b>	<b>25,257</b>	<b>24,308</b>
Alabama.....	2,249	2,182	1,853	1,704	2,941	2,934	NA	64	7,044	6,884
Kentucky.....	1,711	1,517	1,606	1,195	3,767	3,488	NA	284	7,084	6,483
Mississippi.....	1,201	1,276	992	1,061	1,301	1,276	NA	64	3,494	3,677
Tennessee.....	2,506	2,412	2,209	2,069	2,920	2,701	NA	82	7,635	7,264
<b>West South Central.....</b>	<b>13,471</b>	<b>14,978</b>	<b>12,420</b>	<b>11,263</b>	<b>14,017</b>	<b>12,967</b>	NA	<b>1,491</b>	<b>39,915</b>	<b>40,699</b>
Arkansas.....	1,003	1,003	847	837	1,403	1,369	NA	54	3,253	3,263
Louisiana.....	1,904	2,076	1,737	1,655	2,282	2,194	NA	205	5,923	6,130
Oklahoma.....	1,422	1,348	1,506	1,102	1,163	1,112	NA	330	4,091	3,891
Texas.....	9,142	10,551	8,330	7,669	9,170	8,292	NA	903	26,648	27,415
<b>Mountain.....</b>	<b>5,952</b>	<b>5,520</b>	<b>7,039</b>	<b>6,591</b>	<b>6,159</b>	<b>5,121</b>	NA	<b>NM</b>	<b>19,152</b>	<b>18,067</b>
Arizona.....	2,160	1,870	2,204	1,913	973	919	NA	NM	5,338	5,026
Colorado.....	1,146	1,102	1,625	1,532	937	826	NA	NM	3,707	3,590
Idaho.....	450	498	408	594	904	505	NA	26	1,761	1,624
Montana.....	273	285	326	312	495	258	NA	19	1,094	873
Nevada.....	827	691	772	666	1,112	987	NA	45	2,711	2,390
New Mexico.....	409	384	696	570	446	406	NA	NM	1,551	1,557
Utah.....	525	538	758	760	659	595	NA	87	1,943	1,980
Wyoming.....	162	153	251	242	634	625	NA	8	1,046	1,028
<b>Pacific Contiguous.....</b>	<b>9,473</b>	<b>9,493</b>	<b>12,532</b>	<b>11,351</b>	<b>6,793</b>	<b>5,829</b>	NA	<b>704</b>	<b>28,853</b>	<b>27,378</b>
California.....	6,128	5,728	9,121	8,315	3,906	3,644	NA	390	19,206	18,077
Oregon.....	1,160	1,348	1,251	1,153	1,048	921	NA	39	3,461	3,461
Washington.....	2,184	2,418	2,159	1,883	1,839	1,264	NA	274	6,186	5,839
<b>Pacific Noncontiguous....</b>	<b>405</b>	<b>379</b>	<b>653</b>	<b>452</b>	<b>420</b>	<b>400</b>	NA	<b>19</b>	<b>1,478</b>	<b>1,251</b>
Alaska.....	148	145	365	189	88	91	NA	15	601	439
Hawaii.....	256	234	289	263	332	310	NA	5	877	812
<b>U.S. Total.....</b>	<b>90,780</b>	<b>88,340</b>	<b>100,431</b>	<b>89,391</b>	<b>87,543</b>	<b>82,495</b>	NA	<b>8,581</b>	<b>279,125</b>	<b>268,807</b>

<sup>1</sup> Prior to January 2004 data were reported for the other sector, which includes transportation. Beginning with January 2004 the other sector was eliminated and its component parts were reclassified into the commercial, industrial, and transportation sectors. Because January was the first time for respondents to submit data for the transportation sector, the quality of the information is still being evaluated. These data will be provided in a subsequent issue of this report.

<sup>2</sup> Beginning with January 2004 data, there are small quantities of data for the transportation sector included.

NM = Not meaningful due to large relative standard error or excessive percentage change.

NA = Not available.

Notes: • See Glossary for definitions. • Values for 2003 and 2004 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include imported electricity). • Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions Report."

**Table 5.4.B. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through May 2004 and 2003**  
(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation/Other <sup>1</sup>		All Sectors <sup>2</sup>	
	2004	2003	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>19,567</b>	<b>19,385</b>	<b>21,507</b>	<b>20,688</b>	<b>9,483</b>	<b>9,391</b>	NA	<b>663</b>	<b>50,639</b>	<b>50,127</b>
Connecticut.....	5,495	5,428	5,434	5,089	2,114	2,062	NA	241	13,125	12,820
Maine.....	1,844	1,785	1,626	1,547	1,307	1,365	NA	24	4,778	4,720
Massachusetts.....	8,237	8,253	10,449	10,253	3,903	3,927	NA	280	22,589	22,713
New Hampshire.....	1,826	1,785	1,769	1,663	962	900	NA	59	4,557	4,407
Rhode Island.....	1,231	1,206	1,412	1,346	548	510	NA	40	3,192	3,102
Vermont.....	935	929	815	789	648	627	NA	19	2,399	2,365
<b>Middle Atlantic.....</b>	<b>51,766</b>	<b>50,909</b>	<b>63,505</b>	<b>56,304</b>	<b>31,812</b>	<b>33,802</b>	NA	<b>6,668</b>	<b>147,846</b>	<b>147,682</b>
New Jersey.....	10,782	10,334	15,228	14,349	4,517	4,579	NA	226	30,541	29,489
New York.....	19,195	19,040	30,154	24,483	7,992	10,136	NA	5,846	57,745	59,504
Pennsylvania.....	21,790	21,535	18,122	17,472	19,303	19,087	NA	596	59,560	58,690
<b>East North Central.....</b>	<b>72,243</b>	<b>73,067</b>	<b>69,342</b>	<b>64,885</b>	<b>86,092</b>	<b>84,248</b>	NA	<b>6,693</b>	<b>227,915</b>	<b>228,893</b>
Illinois.....	15,771	17,049	18,703	17,642	16,687	15,838	NA	4,037	51,388	54,566
Indiana.....	13,045	12,875	9,193	8,583	20,003	19,470	NA	295	42,249	41,223
Michigan.....	13,655	13,491	15,228	14,635	14,263	14,360	NA	356	43,146	42,841
Ohio.....	21,119	20,924	18,260	16,338	24,341	23,906	NA	1,699	63,723	62,866
Wisconsin.....	8,653	8,728	7,958	7,687	10,797	10,674	NA	306	27,409	27,396
<b>West North Central.....</b>	<b>37,673</b>	<b>37,318</b>	<b>34,319</b>	<b>32,195</b>	<b>32,562</b>	<b>31,544</b>	NA	<b>2,486</b>	<b>104,553</b>	<b>103,543</b>
Iowa.....	5,084	5,076	3,863	3,430	6,981	6,806	NA	701	15,929	16,012
Kansas.....	4,661	4,566	5,241	5,182	4,392	4,116	NA	163	14,295	14,027
Minnesota.....	8,250	8,198	7,831	7,639	9,103	9,318	NA	265	25,184	25,420
Missouri.....	12,740	12,614	11,241	10,437	6,613	6,313	NA	506	30,594	29,870
Nebraska.....	3,614	3,561	3,284	2,860	3,403	3,165	NA	492	10,301	10,078
North Dakota.....	1,711	1,691	1,524	1,406	1,302	1,161	NA	199	4,537	4,457
South Dakota.....	1,613	1,612	1,335	1,241	767	665	NA	161	3,714	3,679
<b>South Atlantic.....</b>	<b>131,968</b>	<b>128,887</b>	<b>106,663</b>	<b>94,157</b>	<b>69,765</b>	<b>71,725</b>	NA	<b>9,199</b>	<b>308,900</b>	<b>303,968</b>
Delaware.....	1,820	1,773	1,603	1,536	1,389	1,517	NA	55	4,812	4,881
District of Columbia.....	737	681	3,584	3,356	115	111	NA	152	4,554	4,301
Florida.....	41,091	42,912	33,025	30,201	7,897	7,847	NA	2,350	82,051	83,310
Georgia.....	19,874	18,550	16,261	15,093	14,362	14,054	NA	710	50,572	48,407
Maryland.....	11,773	11,483	7,461	6,510	8,473	10,153	NA	336	27,915	28,482
North Carolina.....	21,903	20,574	16,829	15,444	12,254	12,849	NA	884	50,986	49,750
South Carolina.....	11,535	10,766	7,683	7,047	12,768	12,786	NA	384	31,992	30,983
Virginia.....	18,293	17,382	17,291	12,069	8,003	7,843	NA	4,297	43,647	41,590
West Virginia.....	4,940	4,766	2,927	2,901	4,504	4,566	NA	32	12,371	12,264
<b>East South Central.....</b>	<b>45,650</b>	<b>45,225</b>	<b>31,199</b>	<b>28,627</b>	<b>52,341</b>	<b>51,098</b>	NA	<b>2,433</b>	<b>129,190</b>	<b>127,383</b>
Alabama.....	12,069	11,664	8,187	7,671	13,930	13,453	NA	326	34,186	33,114
Kentucky.....	10,690	10,517	7,339	5,872	18,321	18,318	NA	1,346	36,349	36,053
Mississippi.....	6,660	6,777	4,731	4,760	6,398	6,027	NA	300	17,789	17,864
Tennessee.....	16,231	16,268	10,942	10,324	13,693	13,301	NA	460	40,866	40,352
<b>West South Central.....</b>	<b>66,218</b>	<b>69,370</b>	<b>56,483</b>	<b>49,925</b>	<b>67,281</b>	<b>61,972</b>	NA	<b>6,466</b>	<b>190,012</b>	<b>187,733</b>
Arkansas.....	6,001	6,156	3,915	3,930	6,841	6,466	NA	239	16,756	16,792
Louisiana.....	10,036	10,286	8,319	7,636	11,280	11,007	NA	992	29,634	29,920
Oklahoma.....	7,294	7,526	6,559	5,086	5,496	5,246	NA	1,595	19,349	19,453
Texas.....	42,887	45,403	37,690	33,273	43,665	39,253	NA	3,639	124,273	121,568
<b>Mountain.....</b>	<b>30,732</b>	<b>28,759</b>	<b>32,835</b>	<b>29,819</b>	<b>28,083</b>	<b>24,907</b>	NA	<b>3,431</b>	<b>91,651</b>	<b>86,916</b>
Arizona.....	9,863	8,816	9,755	8,419	4,483	4,286	NA	1,267	24,100	22,788
Colorado.....	6,251	6,143	7,809	7,283	4,491	4,061	NA	556	18,550	18,043
Idaho.....	3,222	3,043	2,211	2,395	3,198	2,360	NA	134	8,631	7,931
Montana.....	1,787	1,803	1,725	1,628	2,405	1,386	NA	102	5,917	4,919
Nevada.....	3,532	3,121	3,189	2,883	4,838	4,428	NA	208	11,559	10,640
New Mexico.....	2,215	2,087	3,195	2,602	2,134	2,018	NA	745	7,544	7,453
Utah.....	2,823	2,730	3,592	3,330	3,207	3,027	NA	371	9,625	9,458
Wyoming.....	1,040	1,016	1,359	1,280	3,325	3,341	NA	48	5,725	5,685
<b>Pacific Contiguous.....</b>	<b>57,349</b>	<b>54,981</b>	<b>62,947</b>	<b>57,168</b>	<b>33,413</b>	<b>29,646</b>	NA	<b>3,688</b>	<b>153,832</b>	<b>145,483</b>
California.....	33,569	31,552	44,688	41,006	19,401	18,598	NA	2,026	97,741	93,182
Oregon.....	8,264	8,102	6,401	5,895	5,069	4,565	NA	201	19,737	18,763
Washington.....	15,517	15,327	11,857	10,267	8,961	6,483	NA	1,461	36,354	33,538
<b>Pacific Noncontiguous....</b>	<b>2,208</b>	<b>2,023</b>	<b>3,311</b>	<b>4,173</b>	<b>2,015</b>	<b>1,892</b>	NA	<b>113</b>	<b>7,534</b>	<b>8,201</b>
Alaska.....	945	878	1,962	2,925	444	438	NA	89	3,351	4,330
Hawaii.....	1,264	1,145	1,348	1,248	1,571	1,454	NA	24	4,183	3,871
<b>U.S. Total.....</b>	<b>515,376</b>	<b>509,925</b>	<b>482,108</b>	<b>437,941</b>	<b>412,866</b>	<b>400,224</b>	NA	<b>41,840</b>	<b>1,412,073</b>	<b>1,389,929</b>

<sup>1</sup> Prior to January 2004 data were reported for the other sector, which includes transportation. Beginning with January 2004 the other sector was eliminated and its component parts were reclassified into the commercial, industrial, and transportation sectors. Because January was the first time for respondents to submit data for the transportation sector, the quality of the information is still being evaluated. These data will be provided in a subsequent issue of this report.

<sup>2</sup> Beginning with January 2004 data, there are small quantities of data for the transportation sector included.

NA = Not available.

Notes: • See Glossary for definitions. • Values for 2003 and 2004 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include imported electricity). • Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions Report."

**Table 5.5.A. Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, May 2004 and 2003**  
(Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation/Other <sup>1</sup>		All Sectors <sup>2</sup>	
	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	<b>391</b>	<b>378</b>	<b>438</b>	<b>398</b>	<b>148</b>	<b>152</b>	NA	17	<b>979</b>	<b>944</b>
Connecticut.....	109	99	112	100	38	34	NA	5	261	238
Maine.....	39	41	33	27	8	10	NA	1	81	79
Massachusetts.....	160	159	206	196	63	71	NA	8	429	434
New Hampshire.....	38	36	39	33	20	18	NA	1	96	87
Rhode Island.....	25	23	29	25	9	9	NA	1	63	59
Vermont.....	21	20	18	17	10	10	NA	1	49	47
<b>Middle Atlantic.....</b>	<b>1,043</b>	<b>970</b>	<b>1,299</b>	<b>1,134</b>	<b>430</b>	<b>404</b>	NA	<b>114</b>	<b>2,790</b>	<b>2,622</b>
New Jersey.....	222	177	299	245	92	79	NA	8	613	508
New York.....	473	474	671	607	95	106	NA	93	1,251	1,279
Pennsylvania.....	349	319	330	282	243	220	NA	14	926	835
<b>East North Central.....</b>	<b>1,015</b>	<b>974</b>	<b>1,045</b>	<b>979</b>	<b>840</b>	<b>802</b>	NA	<b>86</b>	<b>2,902</b>	<b>2,841</b>
Illinois.....	232	232	286	298	167	176	NA	47	688	754
Indiana.....	161	138	120	103	169	154	NA	5	450	400
Michigan.....	201	189	241	210	141	137	NA	8	583	544
Ohio.....	284	280	284	261	253	232	NA	20	822	794
Wisconsin.....	136	135	114	106	110	102	NA	5	359	349
<b>West North Central.....</b>	<b>501</b>	<b>459</b>	<b>454</b>	<b>408</b>	<b>300</b>	<b>281</b>	NA	<b>34</b>	<b>1,256</b>	<b>1,183</b>
Iowa.....	76	71	53	44	62	59	NA	10	191	184
Kansas.....	75	64	75	70	43	39	NA	3	192	175
Minnesota.....	107	106	100	95	83	78	NA	5	291	284
Missouri.....	167	143	154	139	67	64	NA	6	387	352
Nebraska.....	40	39	39	31	29	26	NA	8	108	103
North Dakota.....	17	16	17	15	10	NM	NA	2	44	42
South Dakota.....	19	19	17	15	7	6	NA	1	43	42
<b>South Atlantic.....</b>	<b>1,989</b>	<b>1,817</b>	<b>1,620</b>	<b>1,326</b>	<b>676</b>	<b>620</b>	NA	<b>126</b>	<b>4,290</b>	<b>3,889</b>
Delaware.....	25	22	23	20	13	13	NA	1	60	56
District of Columbia.....	11	8	62	56	1	1	NA	1	76	66
Florida.....	724	737	535	464	97	90	NA	40	1,356	1,331
Georgia.....	292	256	250	211	139	114	NA	12	682	593
Maryland.....	170	134	137	96	66	81	NA	7	375	318
North Carolina.....	291	269	234	205	132	119	NA	12	657	604
South Carolina.....	163	140	116	99	116	103	NA	5	395	349
Virginia.....	265	209	229	144	75	66	NA	48	570	466
West Virginia.....	49	43	34	29	37	33	NA	1	120	106
<b>East South Central.....</b>	<b>559</b>	<b>509</b>	<b>458</b>	<b>386</b>	<b>442</b>	<b>389</b>	NA	<b>33</b>	<b>1,458</b>	<b>1,317</b>
Alabama.....	174	155	130	109	125	110	NA	5	429	378
Kentucky.....	107	91	89	64	121	107	NA	14	316	276
Mississippi.....	101	103	81	77	63	57	NA	7	244	243
Tennessee.....	177	160	158	136	133	115	NA	9	469	420
<b>West South Central.....</b>	<b>1,227</b>	<b>1,349</b>	<b>921</b>	<b>860</b>	<b>756</b>	<b>685</b>	NA	<b>110</b>	<b>2,904</b>	<b>3,004</b>
Arkansas.....	78	77	51	50	61	58	NA	4	190	188
Louisiana.....	154	174	132	128	132	137	NA	17	418	455
Oklahoma.....	106	106	89	73	53	51	NA	18	249	247
Texas.....	889	992	648	611	510	439	NA	72	2,047	2,114
<b>Mountain.....</b>	<b>516</b>	<b>467</b>	<b>507</b>	<b>454</b>	<b>313</b>	<b>255</b>	NA	<b>45</b>	<b>1,337</b>	<b>1,221</b>
Arizona.....	197	175	169	143	56	52	NA	14	422	384
Colorado.....	98	92	111	102	50	42	NA	9	259	246
Idaho.....	28	33	22	34	36	19	NA	2	85	87
Montana.....	22	22	23	19	20	12	NA	2	65	55
Nevada.....	83	64	68	58	74	64	NA	3	224	189
New Mexico.....	37	33	53	42	24	20	NA	11	113	106
Utah.....	40	37	46	41	27	22	NA	4	113	104
Wyoming.....	12	11	15	14	26	24	NA	1	54	51
<b>Pacific Contiguous.....</b>	<b>930</b>	<b>966</b>	<b>1,220</b>	<b>1,278</b>	<b>432</b>	<b>423</b>	NA	<b>47</b>	<b>2,585</b>	<b>2,715</b>
California.....	711	720	1,011	1,090	325	328	NA	31	2,049	2,169
Oregon.....	83	95	82	73	43	40	NA	3	208	212
Washington.....	137	152	127	114	64	55	NA	13	328	334
<b>Pacific Noncontiguous....</b>	<b>64</b>	<b>57</b>	<b>90</b>	<b>60</b>	<b>50</b>	<b>45</b>	NA	<b>3</b>	<b>204</b>	<b>166</b>
Alaska.....	19	17	43	18	7	7	NA	2	70	44
Hawaii.....	45	40	47	42	43	38	NA	1	134	121
<b>U.S. Total.....</b>	<b>8,235</b>	<b>7,947</b>	<b>8,052</b>	<b>7,285</b>	<b>4,387</b>	<b>4,055</b>	NA	<b>616</b>	<b>20,704</b>	<b>19,903</b>

<sup>1</sup> Prior to January 2004 data were reported for the other sector, which includes transportation. Beginning with January 2004 the other sector was eliminated and its component parts were reclassified into the commercial, industrial, and transportation sectors. Because January was the first time for respondents to submit data for the transportation sector, the quality of the information is still being evaluated. These data will be provided in a subsequent issue of this report.

<sup>2</sup> Beginning with January 2004 data, there are small quantities of data for the transportation sector included.

NM = Not meaningful due to large relative standard error or excessive percentage change.

NA = Not available.

Notes: • See Glossary for definitions. • Values for 2003 and 2004 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include imported electricity). • Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions Report."

**Table 5.5.B. Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through May 2004 and 2003**  
(Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation/Other <sup>1</sup>		All Sectors <sup>2</sup>	
	2004	2003	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>2,320</b>	<b>2,175</b>	<b>2,214</b>	<b>1,945</b>	<b>742</b>	<b>720</b>	NA	<b>90</b>	<b>5,283</b>	<b>4,931</b>
Connecticut.....	655	588	547	475	178	162	NA	23	1,387	1,249
Maine.....	233	233	176	151	47	53	NA	5	457	443
Massachusetts.....	942	898	1,057	943	322	330	NA	42	2,321	2,212
New Hampshire.....	224	211	191	169	96	84	NA	7	510	471
Rhode Island.....	147	127	150	119	46	40	NA	9	344	296
Vermont.....	120	117	93	88	52	51	NA	4	264	259
<b>Middle Atlantic.....</b>	<b>5,848</b>	<b>5,603</b>	<b>6,296</b>	<b>5,700</b>	<b>2,022</b>	<b>1,946</b>	NA	<b>586</b>	<b>14,237</b>	<b>13,835</b>
New Jersey.....	1,160	1,027	1,355	1,231	415	328	NA	39	2,931	2,625
New York.....	2,674	2,598	3,387	3,004	469	511	NA	476	6,575	6,589
Pennsylvania.....	2,015	1,978	1,554	1,464	1,137	1,108	NA	71	4,731	4,621
<b>East North Central.....</b>	<b>5,813</b>	<b>5,740</b>	<b>5,003</b>	<b>4,811</b>	<b>3,851</b>	<b>3,877</b>	NA	<b>407</b>	<b>14,680</b>	<b>14,835</b>
Illinois.....	1,284	1,356	1,333	1,455	731	832	NA	222	3,361	3,866
Indiana.....	919	884	566	516	801	767	NA	26	2,286	2,194
Michigan.....	1,136	1,123	1,159	1,071	666	682	NA	40	2,961	2,915
Ohio.....	1,710	1,647	1,387	1,252	1,140	1,110	NA	93	4,237	4,101
Wisconsin.....	763	731	558	517	512	486	NA	26	1,834	1,760
<b>West North Central.....</b>	<b>2,684</b>	<b>2,609</b>	<b>2,031</b>	<b>1,874</b>	<b>1,377</b>	<b>1,313</b>	NA	<b>164</b>	<b>6,092</b>	<b>5,960</b>
Iowa.....	426	414	256	218	285	273	NA	44	966	950
Kansas.....	346	340	331	328	195	190	NA	16	872	874
Minnesota.....	622	603	473	448	402	390	NA	21	1,497	1,462
Missouri.....	844	814	616	567	272	257	NA	31	1,732	1,669
Nebraska.....	224	218	182	153	136	124	NA	37	543	531
North Dakota.....	106	104	88	81	53	49	NA	8	248	242
South Dakota.....	116	116	85	78	35	31	NA	7	235	232
<b>South Atlantic.....</b>	<b>10,649</b>	<b>10,066</b>	<b>7,370</b>	<b>6,207</b>	<b>3,069</b>	<b>2,976</b>	NA	<b>613</b>	<b>21,112</b>	<b>19,863</b>
Delaware.....	147	142	113	107	63	63	NA	6	323	317
District of Columbia.....	56	52	242	227	6	5	NA	5	307	290
Florida.....	3,693	3,593	2,518	2,090	457	418	NA	182	6,671	6,282
Georgia.....	1,504	1,381	1,129	998	605	546	NA	61	3,242	2,986
Maryland.....	852	810	551	450	333	368	NA	35	1,746	1,663
North Carolina.....	1,792	1,662	1,115	1,004	573	578	NA	61	3,480	3,304
South Carolina.....	898	834	524	470	502	492	NA	26	1,924	1,822
Virginia.....	1,404	1,299	1,015	702	341	335	NA	234	2,764	2,571
West Virginia.....	304	295	161	159	191	171	NA	3	655	628
<b>East South Central.....</b>	<b>3,139</b>	<b>2,959</b>	<b>2,134</b>	<b>1,850</b>	<b>2,043</b>	<b>1,904</b>	NA	<b>160</b>	<b>7,316</b>	<b>6,872</b>
Alabama.....	892	821	589	517	576	514	NA	23	2,057	1,876
Kentucky.....	623	591	396	315	562	549	NA	64	1,581	1,518
Mississippi.....	511	501	370	344	298	270	NA	31	1,179	1,146
Tennessee.....	1,112	1,045	780	674	607	571	NA	43	2,499	2,333
<b>West South Central.....</b>	<b>5,555</b>	<b>5,634</b>	<b>4,134</b>	<b>3,644</b>	<b>3,497</b>	<b>3,144</b>	NA	<b>470</b>	<b>13,187</b>	<b>12,893</b>
Arkansas.....	420	432	221	220	269	263	NA	18	910	934
Louisiana.....	768	769	622	552	636	592	NA	79	2,026	1,992
Oklahoma.....	514	531	386	320	243	233	NA	84	1,144	1,168
Texas.....	3,853	3,902	2,904	2,552	2,348	2,056	NA	289	9,107	8,800
<b>Mountain.....</b>	<b>2,401</b>	<b>2,235</b>	<b>2,250</b>	<b>1,997</b>	<b>1,347</b>	<b>1,200</b>	NA	<b>195</b>	<b>5,998</b>	<b>5,626</b>
Arizona.....	785	698	693	586	236	220	NA	58	1,714	1,562
Colorado.....	510	479	521	454	234	196	NA	41	1,265	1,170
Idaho.....	187	202	116	142	118	103	NA	7	421	454
Montana.....	134	130	119	100	96	61	NA	9	348	300
Nevada.....	333	297	282	265	308	290	NA	14	923	866
New Mexico.....	189	178	236	193	104	96	NA	45	530	511
Utah.....	194	182	203	184	123	110	NA	17	521	493
Wyoming.....	70	69	80	73	127	123	NA	3	277	268
<b>Pacific Contiguous.....</b>	<b>5,515</b>	<b>5,339</b>	<b>6,092</b>	<b>5,988</b>	<b>2,147</b>	<b>2,058</b>	NA	<b>240</b>	<b>13,761</b>	<b>13,625</b>
California.....	3,942	3,824	4,953	4,976	1,576	1,556	NA	154	10,476	10,510
Oregon.....	588	565	419	378	221	212	NA	17	1,228	1,172
Washington.....	986	950	719	634	351	291	NA	69	2,057	1,943
<b>Pacific Noncontiguous....</b>	<b>332</b>	<b>293</b>	<b>441</b>	<b>624</b>	<b>235</b>	<b>209</b>	NA	<b>15</b>	<b>1,008</b>	<b>1,141</b>
Alaska.....	114	102	228	432	36	33	NA	12	377	578
Hawaii.....	219	192	213	192	199	176	NA	3	631	563
<b>U.S. Total.....</b>	<b>44,258</b>	<b>42,653</b>	<b>37,963</b>	<b>34,640</b>	<b>20,330</b>	<b>19,348</b>	NA	<b>2,939</b>	<b>102,674</b>	<b>99,581</b>

<sup>1</sup> Prior to January 2004 data were reported for the other sector, which includes transportation. Beginning with January 2004 the other sector was eliminated and its component parts were reclassified into the commercial, industrial, and transportation sectors. Because January was the first time for respondents to submit data for the transportation sector, the quality of the information is still being evaluated. These data will be provided in a subsequent issue of this report.

<sup>2</sup> Beginning with January 2004 data, there are small quantities of data for the transportation sector included.

NA = Not available.

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Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions Report."

**Table 5.6.A. Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, by State, May 2004 and 2003**  
(Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation/Other <sup>1</sup>		All Sectors <sup>2</sup>	
	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003	May 2004	May 2003
<b>New England.....</b>	<b>12.09</b>	<b>11.94</b>	<b>10.24</b>	<b>9.87</b>	<b>7.53</b>	<b>7.81</b>	NA	<b>14.33</b>	<b>10.31</b>	<b>10.21</b>
Connecticut.....	12.35	11.82	10.26	10.02	8.57	8.07	NA	10.79	10.70	10.33
Maine.....	12.89	13.50	10.77	8.84	2.83	3.78	NA	20.87	9.00	9.02
Massachusetts.....	11.52	11.57	9.87	9.82	7.83	8.51	NA	16.19	10.02	10.20
New Hampshire.....	12.81	12.16	11.20	10.26	10.02	9.44	NA	12.24	11.49	10.79
Rhode Island.....	11.80	11.48	10.31	9.59	8.17	8.51	NA	19.78	10.43	10.17
Vermont.....	13.20	13.01	11.60	11.29	7.94	7.74	NA	19.42	11.12	10.94
<b>Middle Atlantic.....</b>	<b>11.76</b>	<b>11.84</b>	<b>10.14</b>	<b>10.54</b>	<b>6.47</b>	<b>5.78</b>	NA	<b>9.29</b>	<b>9.80</b>	<b>9.65</b>
New Jersey.....	10.96	10.36	9.40	8.82	9.54	7.30	NA	19.27	9.93	9.07
New York.....	14.21	14.67	11.37	12.97	5.98	5.12	NA	8.64	11.49	11.58
Pennsylvania.....	9.90	9.81	8.83	8.56	5.94	5.71	NA	11.87	8.11	7.94
<b>East North Central.....</b>	<b>8.56</b>	<b>8.53</b>	<b>7.41</b>	<b>7.60</b>	<b>4.54</b>	<b>4.63</b>	NA	<b>6.23</b>	<b>6.52</b>	<b>6.61</b>
Illinois.....	8.81	8.85	7.53	8.72	4.42	5.30	NA	5.65	6.70	7.39
Indiana.....	7.65	7.53	6.32	6.03	4.09	3.84	NA	9.98	5.54	5.27
Michigan.....	8.36	8.36	7.74	7.19	4.46	4.71	NA	13.04	6.72	6.68
Ohio.....	8.80	8.85	7.64	7.92	4.89	4.80	NA	5.44	6.78	6.80
Wisconsin.....	9.23	8.80	7.27	6.94	4.83	4.59	NA	8.95	6.77	6.52
<b>West North Central.....</b>	<b>7.88</b>	<b>7.82</b>	<b>6.48</b>	<b>6.33</b>	<b>4.37</b>	<b>4.29</b>	NA	<b>7.33</b>	<b>6.20</b>	<b>6.12</b>
Iowa.....	8.92	8.90	7.00	6.68	4.04	4.17	NA	6.86	6.08	6.11
Kansas.....	7.89	7.86	6.53	6.35	4.76	4.46	NA	9.96	6.43	6.24
Minnesota.....	7.96	7.77	6.64	6.31	4.39	4.11	NA	8.98	6.12	5.89
Missouri.....	7.77	7.77	6.40	6.46	4.66	4.70	NA	6.61	6.48	6.47
Nebraska.....	6.88	6.77	5.80	5.59	4.00	3.95	NA	8.80	5.46	5.52
North Dakota.....	7.13	7.08	6.09	5.94	4.12	4.27	NA	4.61	5.76	5.72
South Dakota.....	7.93	7.83	6.64	6.41	4.53	4.62	NA	4.76	6.61	6.50
<b>South Atlantic.....</b>	<b>8.47</b>	<b>8.28</b>	<b>7.06</b>	<b>6.77</b>	<b>4.44</b>	<b>4.14</b>	NA	<b>6.82</b>	<b>6.95</b>	<b>6.66</b>
Delaware.....	8.81	8.67	7.27	7.12	4.58	3.89	NA	14.97	6.89	6.39
District of Columbia.....	8.71	9.28	8.16	8.13	4.68	4.88	NA	3.16	7.99	7.98
Florida.....	8.96	8.59	7.57	7.13	5.92	5.48	NA	7.83	8.08	7.72
Georgia.....	8.06	7.84	7.10	6.48	4.51	3.85	NA	8.64	6.66	6.16
Maryland.....	8.25	8.07	8.95	7.84	3.46	3.61	NA	12.03	6.77	6.12
North Carolina.....	8.45	8.40	6.57	6.45	4.77	4.48	NA	7.09	6.72	6.57
South Carolina.....	8.21	8.09	6.71	6.65	4.14	3.82	NA	7.10	6.06	5.79
Virginia.....	8.41	8.29	5.96	5.98	4.24	4.28	NA	5.55	6.50	6.37
West Virginia.....	6.51	6.53	5.55	5.47	3.86	3.72	NA	11.44	5.17	5.08
<b>East South Central.....</b>	<b>7.29</b>	<b>6.89</b>	<b>6.87</b>	<b>6.41</b>	<b>4.04</b>	<b>3.74</b>	NA	<b>6.75</b>	<b>5.77</b>	<b>5.42</b>
Alabama.....	7.73	7.09	7.02	6.40	4.24	3.75	NA	7.09	6.09	5.49
Kentucky.....	6.23	5.98	5.53	5.39	3.21	3.07	NA	4.83	4.47	4.26
Mississippi.....	8.41	8.05	8.11	7.23	4.84	4.48	NA	10.28	7.00	6.62
Tennessee.....	7.08	6.65	7.17	6.57	4.55	4.25	NA	10.38	6.14	5.78
<b>West South Central.....</b>	<b>9.11</b>	<b>9.01</b>	<b>7.41</b>	<b>7.64</b>	<b>5.39</b>	<b>5.28</b>	NA	<b>7.37</b>	<b>7.28</b>	<b>7.38</b>
Arkansas.....	7.74	7.66	6.08	5.93	4.33	4.20	NA	7.09	5.84	5.76
Louisiana.....	8.11	8.38	7.60	7.70	5.79	6.23	NA	8.29	7.06	7.42
Oklahoma.....	7.45	7.87	5.94	6.59	4.59	4.59	NA	5.34	6.08	6.36
Texas.....	9.72	9.41	7.78	7.96	5.56	5.30	NA	7.92	7.68	7.71
<b>Mountain.....</b>	<b>8.67</b>	<b>8.46</b>	<b>7.21</b>	<b>6.90</b>	<b>5.08</b>	<b>4.97</b>	NA	<b>NM</b>	<b>6.98</b>	<b>6.76</b>
Arizona.....	9.13	9.38	7.68	7.46	5.76	5.62	NA	NM	7.91	7.64
Colorado.....	8.56	8.38	6.83	6.64	5.33	5.10	NA	7.19	6.99	6.84
Idaho.....	6.14	6.53	5.32	5.77	4.00	3.72	NA	5.70	4.85	5.36
Montana.....	8.04	7.59	7.21	6.21	4.03	4.71	NA	9.92	5.98	6.30
Nevada.....	10.01	9.30	8.76	8.75	6.65	6.44	NA	6.73	8.28	7.91
New Mexico.....	9.05	8.58	7.56	7.40	5.27	4.90	NA	5.60	7.29	6.81
Utah.....	7.58	6.80	6.12	5.45	4.12	3.74	NA	4.17	5.84	5.25
Wyoming.....	7.32	7.31	6.14	5.95	4.18	3.89	NA	7.91	5.14	4.92
<b>Pacific Contiguous.....</b>	<b>9.82</b>	<b>10.18</b>	<b>9.74</b>	<b>11.26</b>	<b>6.36</b>	<b>7.26</b>	NA	<b>6.67</b>	<b>8.96</b>	<b>9.92</b>
California.....	11.59	12.57	11.08	13.12	8.32	8.99	NA	7.88	10.67	12.00
Oregon.....	7.13	7.03	6.59	6.37	4.08	4.38	NA	8.51	6.01	6.12
Washington.....	6.26	6.28	5.90	6.06	3.49	4.35	NA	4.67	5.31	5.72
<b>Pacific Noncontiguous....</b>	<b>15.90</b>	<b>15.16</b>	<b>13.76</b>	<b>13.38</b>	<b>11.88</b>	<b>11.20</b>	NA	<b>15.69</b>	<b>13.81</b>	<b>13.26</b>
Alaska.....	12.87	11.78	11.90	9.72	8.11	7.22	NA	15.97	11.59	10.09
Hawaii.....	17.65	17.25	16.11	16.01	12.88	12.37	NA	14.85	15.34	14.97
<b>U.S. Total.....</b>	<b>9.07</b>	<b>9.00</b>	<b>8.02</b>	<b>8.15</b>	<b>5.01</b>	<b>4.92</b>	NA	<b>7.17</b>	<b>7.42</b>	<b>7.40</b>

<sup>1</sup> Prior to January 2004 data were reported for the other sector, which includes transportation. Beginning with January 2004 the other sector was eliminated and its component parts were reclassified into the commercial, industrial, and transportation sectors. Because January was the first time for respondents to submit data for the transportation sector, the quality of the information is still being evaluated. These data will be provided in a subsequent issue of this report.

<sup>2</sup> Beginning with January 2004 data, there are small quantities of data for the transportation sector included.

NM = Not meaningful due to large relative standard error or excessive percentage change.

NA = Not available.

Notes: • See Glossary for definitions. • Values for 2003 and 2004 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include imported electricity). • Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions Report."

**Table 5.6.B. Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through May 2004 and 2003**  
(Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation/Other <sup>1</sup>		All Sectors <sup>2</sup>	
	2004	2003	2004	2003	2004	2003	2004	2003	2004	2003
<b>New England.....</b>	<b>11.86</b>	<b>11.22</b>	<b>10.29</b>	<b>9.40</b>	<b>7.83</b>	<b>7.67</b>	NA	<b>13.59</b>	<b>10.43</b>	<b>9.84</b>
Connecticut.....	11.91	10.84	10.07	9.34	8.44	7.86	NA	9.71	10.57	9.74
Maine.....	12.65	13.07	10.84	9.79	3.63	3.89	NA	21.83	9.57	9.38
Massachusetts.....	11.44	10.88	10.11	9.20	8.25	8.40	NA	14.98	10.27	9.74
New Hampshire.....	12.26	11.85	10.79	10.14	9.94	9.35	NA	11.99	11.20	10.70
Rhode Island.....	11.95	10.56	10.62	8.84	8.47	7.91	NA	22.22	10.76	9.53
Vermont.....	12.80	12.60	11.35	11.11	8.03	8.07	NA	18.73	11.02	10.95
<b>Middle Atlantic.....</b>	<b>11.30</b>	<b>11.01</b>	<b>9.91</b>	<b>10.12</b>	<b>6.35</b>	<b>5.76</b>	NA	<b>8.79</b>	<b>9.63</b>	<b>9.37</b>
New Jersey.....	10.76	9.94	8.90	8.58	9.20	7.16	NA	17.04	9.60	8.90
New York.....	13.93	13.64	11.23	12.27	5.87	5.04	NA	8.15	11.39	11.07
Pennsylvania.....	9.25	9.18	8.58	8.38	5.89	5.80	NA	11.92	7.94	7.87
<b>East North Central.....</b>	<b>8.05</b>	<b>7.86</b>	<b>7.21</b>	<b>7.42</b>	<b>4.47</b>	<b>4.60</b>	NA	<b>6.07</b>	<b>6.44</b>	<b>6.48</b>
Illinois.....	8.14	7.96	7.13	8.25	4.38	5.25	NA	5.49	6.54	7.08
Indiana.....	7.04	6.87	6.15	6.02	4.00	3.94	NA	8.97	5.41	5.32
Michigan.....	8.32	8.32	7.61	7.32	4.67	4.75	NA	11.30	6.86	6.80
Ohio.....	8.10	7.87	7.59	7.66	4.68	4.64	NA	5.45	6.65	6.52
Wisconsin.....	8.82	8.37	7.02	6.72	4.74	4.56	NA	8.37	6.69	6.42
<b>West North Central.....</b>	<b>7.13</b>	<b>6.99</b>	<b>5.92</b>	<b>5.82</b>	<b>4.23</b>	<b>4.16</b>	NA	<b>6.60</b>	<b>5.83</b>	<b>5.76</b>
Iowa.....	8.37	8.15	6.62	6.36	4.08	4.02	NA	6.34	6.07	5.93
Kansas.....	7.42	7.45	6.31	6.33	4.45	4.61	NA	10.09	6.10	6.23
Minnesota.....	7.54	7.35	6.04	5.87	4.41	4.19	NA	7.95	5.94	5.75
Missouri.....	6.63	6.45	5.48	5.44	4.11	4.07	NA	6.08	5.66	5.59
Nebraska.....	6.19	6.12	5.56	5.35	4.01	3.90	NA	7.44	5.27	5.27
North Dakota.....	6.22	6.16	5.79	5.74	4.07	4.18	NA	4.16	5.46	5.42
South Dakota.....	7.20	7.21	6.34	6.32	4.51	4.60	NA	4.05	6.34	6.30
<b>South Atlantic.....</b>	<b>8.07</b>	<b>7.81</b>	<b>6.91</b>	<b>6.59</b>	<b>4.40</b>	<b>4.15</b>	NA	<b>6.66</b>	<b>6.83</b>	<b>6.53</b>
Delaware.....	8.10	7.98	7.06	6.96	4.53	4.12	NA	10.94	6.72	6.49
District of Columbia.....	7.55	7.68	6.76	6.77	4.96	4.66	NA	3.52	6.74	6.75
Florida.....	8.99	8.37	7.63	6.92	5.78	5.33	NA	7.74	8.13	7.54
Georgia.....	7.57	7.44	6.94	6.61	4.21	3.89	NA	8.56	6.41	6.17
Maryland.....	7.24	7.05	7.39	6.92	3.93	3.63	NA	10.28	6.25	5.84
North Carolina.....	8.18	8.08	6.62	6.50	4.68	4.50	NA	6.88	6.83	6.64
South Carolina.....	7.78	7.74	6.82	6.67	3.93	3.85	NA	6.77	6.01	5.88
Virginia.....	7.68	7.47	5.87	5.82	4.26	4.27	NA	5.45	6.33	6.18
West Virginia.....	6.14	6.18	5.51	5.48	4.23	3.75	NA	10.60	5.30	5.12
<b>East South Central.....</b>	<b>6.88</b>	<b>6.54</b>	<b>6.84</b>	<b>6.46</b>	<b>3.90</b>	<b>3.73</b>	NA	<b>6.59</b>	<b>5.66</b>	<b>5.39</b>
Alabama.....	7.39	7.04	7.19	6.74	4.13	3.82	NA	7.09	6.02	5.66
Kentucky.....	5.83	5.62	5.39	5.36	3.07	2.99	NA	4.72	4.35	4.21
Mississippi.....	7.68	7.39	7.82	7.22	4.65	4.49	NA	10.30	6.63	6.41
Tennessee.....	6.85	6.43	7.13	6.53	4.44	4.29	NA	9.30	6.12	5.78
<b>West South Central.....</b>	<b>8.39</b>	<b>8.12</b>	<b>7.32</b>	<b>7.30</b>	<b>5.20</b>	<b>5.07</b>	NA	<b>7.26</b>	<b>6.94</b>	<b>6.87</b>
Arkansas.....	7.00	7.02	5.65	5.60	3.93	4.07	NA	7.61	5.43	5.56
Louisiana.....	7.65	7.47	7.48	7.23	5.64	5.38	NA	7.92	6.84	6.66
Oklahoma.....	7.05	7.06	5.89	6.29	4.43	4.44	NA	5.25	5.91	6.00
Texas.....	8.98	8.59	7.70	7.67	5.38	5.24	NA	7.94	7.33	7.24
<b>Mountain.....</b>	<b>7.81</b>	<b>7.77</b>	<b>6.85</b>	<b>6.70</b>	<b>4.80</b>	<b>4.82</b>	NA	<b>5.67</b>	<b>6.54</b>	<b>6.47</b>
Arizona.....	7.96	7.92	7.11	6.96	5.27	5.14	NA	4.58	7.11	6.86
Colorado.....	8.16	7.79	6.67	6.23	5.21	4.83	NA	7.39	6.82	6.48
Idaho.....	5.79	6.65	5.24	5.93	3.70	4.35	NA	5.57	4.88	5.73
Montana.....	7.48	7.22	6.88	6.16	4.00	4.39	NA	8.83	5.89	6.10
Nevada.....	9.43	9.51	8.85	9.18	6.36	6.56	NA	6.93	7.98	8.14
New Mexico.....	8.54	8.51	7.39	7.41	4.90	4.75	NA	6.02	7.02	6.86
Utah.....	6.87	6.66	5.66	5.54	3.85	3.65	NA	4.49	5.41	5.22
Wyoming.....	6.75	6.77	5.86	5.71	3.82	3.69	NA	6.61	4.84	4.72
<b>Pacific Contiguous.....</b>	<b>9.62</b>	<b>9.71</b>	<b>9.68</b>	<b>10.47</b>	<b>6.42</b>	<b>6.94</b>	NA	<b>6.50</b>	<b>8.95</b>	<b>9.37</b>
California.....	11.74	12.12	11.08	12.13	8.12	8.36	NA	7.60	10.72	11.28
Oregon.....	7.11	6.97	6.55	6.42	4.36	4.63	NA	8.56	6.22	6.25
Washington.....	6.36	6.20	6.07	6.17	3.91	4.49	NA	4.69	5.66	5.79
<b>Pacific Noncontiguous....</b>	<b>15.06</b>	<b>14.50</b>	<b>13.33</b>	<b>14.95</b>	<b>11.64</b>	<b>11.04</b>	NA	<b>13.57</b>	<b>13.38</b>	<b>13.92</b>
Alaska.....	12.06	11.59	11.61	14.76	8.03	7.46	NA	13.36	11.26	13.35
Hawaii.....	17.29	16.74	15.83	15.38	12.66	12.12	NA	14.31	15.08	14.55
<b>U.S. Total.....</b>	<b>8.59</b>	<b>8.36</b>	<b>7.87</b>	<b>7.91</b>	<b>4.92</b>	<b>4.83</b>	NA	<b>7.03</b>	<b>7.27</b>	<b>7.16</b>

<sup>1</sup> Prior to January 2004 data were reported for the other sector, which includes transportation. Beginning with January 2004 the other sector was eliminated and its component parts were reclassified into the commercial, industrial, and transportation sectors. Because January was the first time for respondents to submit data for the transportation sector, the quality of the information is still being evaluated. These data will be provided in a subsequent issue of this report.

<sup>2</sup> Beginning with January 2004 data, there are small quantities of data for the transportation sector included.

NA = Not available.

Notes: • See Glossary for definitions. • Values for 2003 and 2004 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. • Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. • Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include imported electricity). • Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This affects comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions Report."

## **Appendices**

- A. Relative Standard Error
- B. Major Disturbances and Unusual Occurrences
- C. Technical Notes

## Appendix A

# Relative Standard Error

**Table A1.A. Relative Standard Error for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State, May 2004 (Percent)**

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
<b>New England.....</b>	<b>6</b>	<b>3</b>	<b>--</b>	<b>2</b>	<b>104</b>	<b>0</b>	<b>26</b>	<b>3</b>	<b>0</b>	<b>17</b>	<b>2</b>
Connecticut.....	0	14	--	4	104	0	119	6	0	--	2
Maine.....	0	11	--	6	0	--	35	3	--	0	7
Massachusetts.....	10	4	--	3	--	0	64	7	0	800	3
New Hampshire.....	15	3	--	176	--	0	34	13	--	--	4
Rhode Island.....	--	183	--	2	--	--	1,121	38	--	--	3
Vermont.....	--	64	--	0	--	0	65	12	--	--	15
<b>Middle Atlantic.....</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>7</b>	<b>0</b>	<b>9</b>	<b>3</b>	<b>0</b>	<b>259</b>	<b>1</b>
New Jersey.....	1	4	--	4	34	0	469	6	0	5,276	2
New York.....	3	1	15	6	31	0	10	5	0	0	2
Pennsylvania.....	1	2	0	4	4	0	19	4	0	259	1
<b>East North Central.....</b>	<b>*</b>	<b>7</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>14</b>	<b>4</b>	<b>0</b>	<b>*</b>	<b>*</b>
Illinois.....	1	7	222	11	13	0	54	12	--	0	1
Indiana.....	*	5	0	8	2	--	21	33	--	0	*
Michigan.....	1	7	0	4	0	0	26	6	0	11,886	1
Ohio.....	*	4	--	5	10	0	42	18	--	--	*
Wisconsin.....	1	71	0	17	--	0	21	8	--	--	1
<b>West North Central.....</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>
Iowa.....	3	9	0	50	--	0	3	3	--	--	3
Kansas.....	1	1	--	31	--	0	0	0	--	--	1
Minnesota.....	2	39	0	15	--	0	26	6	--	0	2
Missouri.....	1	10	0	2	0	0	5	15	0	--	1
Nebraska.....	3	63	--	29	0	0	16	89	--	--	2
North Dakota.....	3	6	--	7	0	--	0	1	--	--	2
South Dakota.....	5	107	--	106	--	--	0	0	--	--	2
<b>South Atlantic.....</b>	<b>*</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>7</b>	<b>2</b>	<b>0</b>	<b>22</b>	<b>*</b>
Delaware.....	4	42	170	1	26	--	--	--	--	--	4
District of Columbia.....	--	0	--	--	--	--	--	--	--	--	0
Florida.....	*	*	0	2	0	0	80	3	--	21	1
Georgia.....	*	15	0	2	--	0	15	4	0	--	*
Maryland.....	2	4	--	6	0	0	5	2	--	--	1
North Carolina.....	1	5	--	2	1,149	0	22	4	0	109	1
South Carolina.....	1	3	--	7	0	0	24	2	0	--	1
Virginia.....	2	1	--	5	0	0	22	3	0	--	1
West Virginia.....	1	1	0	19	0	--	11	0	--	--	1
<b>East South Central.....</b>	<b>*</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>61</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>2,215</b>	<b>*</b>
Alabama.....	*	1	--	3	61	0	9	3	--	2,215	*
Kentucky.....	1	3	0	23	0	--	4	5	--	--	1
Mississippi.....	1	1	--	6	0	0	0	2	--	--	2
Tennessee.....	*	6	--	45	0	0	5	8	0	0	*
<b>West South Central.....</b>	<b>*</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>28</b>	<b>1</b>
Arkansas.....	0	76	--	8	--	0	7	4	0	0	1
Louisiana.....	0	*	2	3	2	0	0	3	--	83	1
Oklahoma.....	1	2	--	2	130	--	8	3	0	0	1
Texas.....	*	1	*	1	8	0	21	1	--	12	1
<b>Mountain.....</b>	<b>1</b>	<b>10</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>124</b>	<b>1</b>
Arizona.....	0	11	--	2	--	0	1	38	0	--	1
Colorado.....	2	50	--	7	0	--	18	16	0	--	2
Idaho.....	232	734	--	82	--	--	4	1	--	167	4
Montana.....	5	6	0	298	0	--	2	62	--	--	3
Nevada.....	0	2	--	6	0	--	2	11	--	--	2
New Mexico.....	*	80	--	13	--	--	51	3	--	--	2
Utah.....	1	40	--	22	0	--	20	7	--	--	2
Wyoming.....	1	5	--	71	--	--	45	4	--	181	2
<b>Pacific Contiguous.....</b>	<b>2</b>	<b>39</b>	<b>7</b>	<b>3</b>	<b>15</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>440</b>	<b>1</b>
California.....	0	12	7	3	17	0	2	1	0	440	1
Oregon.....	557	1,405	--	1	--	--	1	7	--	--	1
Washington.....	2	138	--	16	0	0	1	6	0	--	1
<b>Pacific Noncontiguous...</b>	<b>17</b>	<b>6</b>	<b>--</b>	<b>8</b>	<b>0</b>	<b>--</b>	<b>16</b>	<b>8</b>	<b>--</b>	<b>--</b>	<b>5</b>
Alaska.....	38	8	--	8	--	--	17	36	--	--	7
Hawaii.....	19	7	--	--	0	--	40	8	--	--	6

\* = 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: •See Glossary for definitions. •Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. •Estimates for 2004 are preliminary.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table A1.B. Relative Standard Error for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State, Year-to-Date through May 2004**  
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
<b>New England.....</b>	<b>2</b>	<b>2</b>	<b>--</b>	<b>1</b>	<b>57</b>	<b>0</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>28</b>	<b>1</b>
Connecticut.....	0	3	--	2	57	0	27	2	0	--	1
Maine.....	9	6	--	3	0	--	7	1	--	0	2
Massachusetts.....	3	2	--	1	--	0	16	3	0	286	1
New Hampshire.....	5	3	--	86	--	0	9	5	--	--	1
Rhode Island.....	--	108	--	1	--	--	256	16	--	--	2
Vermont.....	--	79	--	0	--	0	16	5	--	--	4
<b>Middle Atlantic.....</b>	<b>*</b>	<b>*</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>54</b>	<b>*</b>
New Jersey.....	*	4	--	3	19	0	107	3	0	1,885	1
New York.....	1	*	6	3	17	0	2	2	0	0	1
Pennsylvania.....	1	2	0	3	4	0	5	1	0	54	*
<b>East North Central.....</b>	<b>*</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>7</b>	<b>2</b>	<b>0</b>	<b>*</b>	<b>*</b>
Illinois.....	*	1	64	6	7	0	30	5	--	0	*
Indiana.....	*	5	0	4	1	--	15	13	--	0	*
Michigan.....	1	6	0	2	0	0	12	2	0	4,246	*
Ohio.....	*	4	--	5	5	0	22	6	--	--	*
Wisconsin.....	1	51	0	6	--	0	10	3	--	--	1
<b>West North Central.....</b>	<b>*</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>*</b>
Iowa.....	1	20	0	20	--	0	2	1	--	--	1
Kansas.....	*	1	--	15	--	0	0	0	--	--	*
Minnesota.....	1	28	0	5	--	0	14	3	--	0	1
Missouri.....	*	12	0	1	0	0	3	4	0	--	*
Nebraska.....	1	55	--	17	0	0	10	35	--	--	1
North Dakota.....	1	11	--	2	0	--	0	1	--	--	1
South Dakota.....	2	21	--	24	--	--	0	0	--	--	1
<b>South Atlantic.....</b>	<b>*</b>	<b>1</b>	<b>*</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>*</b>
Delaware.....	1	14	49	*	14	--	--	--	--	--	3
District of Columbia.....	--	0	--	--	--	--	--	--	--	--	0
Florida.....	*	*	0	1	0	0	37	2	--	8	*
Georgia.....	*	8	0	2	--	0	5	2	0	--	*
Maryland.....	1	5	--	11	0	0	1	1	--	--	1
North Carolina.....	*	3	--	2	515	0	4	2	0	39	*
South Carolina.....	1	2	--	6	1,797	0	8	1	0	--	*
Virginia.....	1	2	--	2	0	0	7	1	0	--	*
West Virginia.....	*	2	0	11	0	--	6	0	--	--	*
<b>East South Central.....</b>	<b>*</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>32</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>791</b>	<b>*</b>
Alabama.....	*	2	--	1	32	0	2	1	--	791	*
Kentucky.....	*	5	0	13	0	--	1	1	--	--	*
Mississippi.....	*	*	--	3	0	0	0	3	--	--	1
Tennessee.....	*	6	--	25	0	0	2	4	0	0	*
<b>West South Central.....</b>	<b>*</b>	<b>15</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>*</b>
Arkansas.....	0	154	--	3	--	0	4	2	0	0	1
Louisiana.....	0	*	1	2	1	0	0	2	--	27	1
Oklahoma.....	*	1	--	1	58	--	5	2	0	0	1
Texas.....	*	3	*	1	3	0	13	1	--	3	*
<b>Mountain.....</b>	<b>*</b>	<b>5</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>44</b>	<b>*</b>
Arizona.....	0	7	--	2	--	0	*	16	0	--	*
Colorado.....	1	38	--	3	0	--	8	8	0	--	1
Idaho.....	77	1,315	--	38	--	--	2	1	--	60	2
Montana.....	2	32	0	159	0	--	1	23	--	--	1
Nevada.....	0	*	--	3	0	--	1	4	--	--	1
New Mexico.....	*	17	--	7	--	--	21	1	--	--	1
Utah.....	1	14	--	15	0	--	11	3	--	--	1
Wyoming.....	1	26	--	33	--	--	21	3	--	65	1
<b>Pacific Contiguous.....</b>	<b>*</b>	<b>18</b>	<b>3</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>*</b>	<b>1</b>	<b>0</b>	<b>157</b>	<b>*</b>
California.....	2	6	3	2	6	0	1	1	0	157	1
Oregon.....	1	20	--	*	--	--	1	3	--	--	*
Washington.....	*	58	--	4	0	0	*	3	0	--	*
<b>Pacific Noncontiguous...</b>	<b>8</b>	<b>9</b>	<b>--</b>	<b>3</b>	<b>0</b>	<b>--</b>	<b>6</b>	<b>4</b>	<b>--</b>	<b>--</b>	<b>5</b>
Alaska.....	15	8	--	3	--	--	6	25	--	--	3
Hawaii.....	9	10	--	--	0	--	31	4	--	--	8

\* = 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: •See Glossary for definitions. •Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. •Estimates for 2004 are preliminary.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report," and Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table A2.A. Relative Standard Error for Net Generation by Fuel Type: Electric Utilities by Census Division and State, May 2004**  
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
<b>New England.....</b>	<b>15</b>	<b>2</b>	<b>--</b>	<b>34</b>	<b>--</b>	<b>--</b>	<b>25</b>	<b>0</b>	<b>--</b>	<b>--</b>	<b>7</b>
Connecticut.....	--	148	--	--	--	--	230	--	--	--	215
Maine.....	--	--	--	--	--	--	543	--	--	--	543
Massachusetts.....	--	18	--	34	--	--	874	--	--	--	28
New Hampshire.....	15	2	--	619	--	--	16	--	--	--	7
Rhode Island.....	--	58	--	--	--	--	--	--	--	--	58
Vermont.....	--	64	--	0	--	--	53	0	--	--	26
<b>Middle Atlantic.....</b>	<b>1</b>	<b>1</b>	<b>--</b>	<b>16</b>	<b>--</b>	<b>0</b>	<b>1</b>	<b>--</b>	<b>0</b>	<b>--</b>	<b>2</b>
New Jersey.....	6	28	--	157	--	--	--	--	0	--	6
New York.....	12	*	--	16	--	0	1	--	0	--	3
Pennsylvania.....	0	7	--	299	--	0	4	--	0	--	*
<b>East North Central.....</b>	<b>*</b>	<b>3</b>	<b>0</b>	<b>10</b>	<b>--</b>	<b>0</b>	<b>16</b>	<b>*</b>	<b>0</b>	<b>--</b>	<b>*</b>
Illinois.....	1	21	--	77	--	--	158	0	--	--	2
Indiana.....	*	5	0	3	--	--	21	--	--	--	*
Michigan.....	1	5	0	31	--	0	30	0	0	--	1
Ohio.....	*	1	--	33	--	0	42	0	--	--	*
Wisconsin.....	1	6	0	23	--	0	24	*	--	--	1
<b>West North Central.....</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>17</b>	<b>0</b>	<b>--</b>	<b>1</b>
Iowa.....	3	8	--	51	--	0	3	3	--	--	2
Kansas.....	1	1	--	30	--	0	--	0	--	--	1
Minnesota.....	2	46	0	17	--	0	40	22	--	--	1
Missouri.....	1	9	0	3	0	0	5	0	0	--	1
Nebraska.....	3	66	--	29	0	0	16	36	--	--	2
North Dakota.....	2	6	--	573	--	--	0	0	--	--	2
South Dakota.....	5	107	--	106	--	--	0	0	--	--	2
<b>South Atlantic.....</b>	<b>*</b>	<b>*</b>	<b>0</b>	<b>1</b>	<b>--</b>	<b>0</b>	<b>7</b>	<b>13</b>	<b>0</b>	<b>--</b>	<b>*</b>
Delaware.....	--	96	--	185	--	--	--	--	--	--	88
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	0	*	0	*	--	0	80	9	--	--	*
Georgia.....	*	4	--	1	--	0	13	--	0	--	*
Maryland.....	--	118	--	376	--	--	--	--	--	--	116
North Carolina.....	0	*	--	0	--	0	12	--	0	--	*
South Carolina.....	1	4	--	1	--	0	19	116	0	--	1
Virginia.....	1	1	--	11	--	0	14	0	0	--	1
West Virginia.....	1	1	--	0	--	--	70	0	--	--	1
<b>East South Central.....</b>	<b>*</b>	<b>*</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>--</b>	<b>*</b>
Alabama.....	*	1	--	5	--	0	9	--	--	--	*
Kentucky.....	1	4	0	*	0	--	4	0	--	--	1
Mississippi.....	1	*	--	12	--	0	--	--	--	--	2
Tennessee.....	0	0	--	0	--	0	5	0	0	--	*
<b>West South Central.....</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>--</b>	<b>*</b>
Arkansas.....	0	104	--	30	--	0	7	--	0	--	1
Louisiana.....	0	*	0	1	0	0	--	--	--	--	*
Oklahoma.....	0	6	--	2	--	--	8	--	0	--	1
Texas.....	0	16	0	2	--	0	22	0	--	--	1
<b>Mountain.....</b>	<b>1</b>	<b>10</b>	<b>--</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>0</b>	<b>--</b>	<b>*</b>
Arizona.....	0	10	--	1	--	0	1	38	0	--	*
Colorado.....	2	43	--	4	0	--	19	0	0	--	2
Idaho.....	--	734	--	127	--	--	4	--	--	--	4
Montana.....	88	227	--	201	--	--	2	--	--	--	4
Nevada.....	0	2	--	6	--	--	2	--	--	--	1
New Mexico.....	*	35	--	8	--	--	51	--	--	--	1
Utah.....	1	40	--	17	--	--	20	0	--	--	1
Wyoming.....	1	4	--	100	--	--	45	0	--	--	2
<b>Pacific Contiguous.....</b>	<b>0</b>	<b>10</b>	<b>--</b>	<b>10</b>	<b>--</b>	<b>0</b>	<b>1</b>	<b>*</b>	<b>0</b>	<b>--</b>	<b>1</b>
California.....	--	10	--	9	--	0	2	*	0	--	1
Oregon.....	0	0	--	0	--	--	1	0	--	--	1
Washington.....	--	351	--	92	--	0	1	0	0	--	1
<b>Pacific Noncontiguous...</b>	<b>0</b>	<b>7</b>	<b>--</b>	<b>5</b>	<b>--</b>	<b>--</b>	<b>17</b>	<b>22</b>	<b>--</b>	<b>--</b>	<b>5</b>
Alaska.....	0	7	--	5	--	--	17	59	--	--	5
Hawaii.....	--	8	--	--	--	--	285	0	--	--	8

\* = 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: •See Glossary for definitions. •Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. •Estimates for 2004 are preliminary.

Source: Energy Information Administration, Form EIA-906, "Power Plant Report."

**Table A2.B. Relative Standard Error for Net Generation by Fuel Type: Electric Utilities by Census Division and State, Year-to-Date through May 2004**  
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
<b>New England.....</b>	<b>5</b>	<b>2</b>	--	<b>27</b>	--	--	<b>13</b>	<b>0</b>	--	--	<b>3</b>
Connecticut.....	--	265	--	--	--	--	106	--	--	--	100
Maine.....	--	--	--	--	--	--	249	--	--	--	249
Massachusetts.....	--	3	--	27	--	--	402	--	--	--	5
New Hampshire.....	5	2	--	255	--	--	9	--	--	--	3
Rhode Island.....	--	104	--	--	--	--	--	--	--	--	104
Vermont.....	--	79	--	0	--	--	25	0	--	--	14
<b>Middle Atlantic.....</b>	<b>*</b>	<b>1</b>	--	<b>7</b>	--	<b>0</b>	<b>1</b>	--	<b>0</b>	--	<b>*</b>
New Jersey.....	2	34	--	65	--	--	--	--	0	--	3
New York.....	5	*	--	7	--	0	1	--	0	--	1
Pennsylvania.....	0	6	--	123	--	0	2	--	0	--	*
<b>East North Central.....</b>	<b>*</b>	<b>3</b>	<b>0</b>	<b>4</b>	--	<b>0</b>	<b>8</b>	<b>*</b>	<b>0</b>	--	<b>*</b>
Illinois.....	1	48	--	26	--	--	73	0	--	--	1
Indiana.....	*	5	0	1	--	--	15	--	--	--	*
Michigan.....	*	5	0	13	--	0	14	0	0	--	*
Ohio.....	*	2	--	13	--	0	22	0	--	--	*
Wisconsin.....	*	9	0	6	--	0	11	*	--	--	1
<b>West North Central.....</b>	<b>*</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>0</b>	--	<b>*</b>
Iowa.....	1	21	--	17	--	0	1	2	--	--	1
Kansas.....	*	1	--	14	--	0	--	0	--	--	*
Minnesota.....	1	44	0	4	--	0	18	9	--	--	1
Missouri.....	*	12	0	1	0	0	3	0	0	--	*
Nebraska.....	1	58	--	17	0	0	10	25	--	--	1
North Dakota.....	1	12	--	235	--	--	0	0	--	--	1
South Dakota.....	2	21	--	24	--	--	0	0	--	--	1
<b>South Atlantic.....</b>	<b>*</b>	<b>1</b>	<b>0</b>	<b>*</b>	--	<b>0</b>	<b>3</b>	<b>5</b>	<b>0</b>	--	<b>*</b>
Delaware.....	--	66	--	76	--	--	--	--	--	--	63
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	*	*	0	*	--	0	37	3	--	--	*
Georgia.....	*	3	--	2	--	0	5	--	0	--	*
Maryland.....	--	102	--	155	--	--	--	--	--	--	101
North Carolina.....	0	*	--	2	--	0	4	--	0	--	*
South Carolina.....	1	2	--	1	--	0	7	45	0	--	*
Virginia.....	1	3	--	4	--	0	7	0	0	--	*
West Virginia.....	*	2	--	0	--	--	32	0	--	--	*
<b>East South Central.....</b>	<b>*</b>	<b>*</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	--	<b>*</b>
Alabama.....	*	*	--	1	--	0	2	--	--	--	*
Kentucky.....	*	7	0	*	0	--	1	0	--	--	*
Mississippi.....	*	*	--	4	--	0	--	--	--	--	1
Tennessee.....	0	0	--	0	--	0	2	0	0	--	*
<b>West South Central.....</b>	<b>*</b>	<b>20</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	--	<b>*</b>
Arkansas.....	0	222	--	17	--	0	4	--	0	--	1
Louisiana.....	0	*	0	1	0	0	--	--	--	--	*
Oklahoma.....	0	3	--	1	--	--	5	--	0	--	*
Texas.....	*	9	0	1	--	0	14	0	--	--	*
<b>Mountain.....</b>	<b>*</b>	<b>2</b>	--	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	--	<b>*</b>
Arizona.....	0	4	--	*	--	0	*	15	0	--	*
Colorado.....	1	21	--	2	0	--	8	0	0	--	1
Idaho.....	--	1,315	--	52	--	--	2	--	--	--	2
Montana.....	38	407	--	83	--	--	2	--	--	--	3
Nevada.....	0	*	--	2	--	--	1	--	--	--	*
New Mexico.....	*	3	--	4	--	--	21	--	--	--	*
Utah.....	1	14	--	10	--	--	11	0	--	--	1
Wyoming.....	1	7	--	38	--	--	21	0	--	--	1
<b>Pacific Contiguous.....</b>	<b>0</b>	<b>4</b>	--	<b>3</b>	--	<b>0</b>	<b>*</b>	<b>*</b>	<b>0</b>	--	<b>*</b>
California.....	--	5	--	4	--	0	1	*	0	--	1
Oregon.....	0	0	--	0	--	--	1	0	--	--	*
Washington.....	--	16	--	10	--	0	*	0	0	--	*
<b>Pacific Noncontiguous...</b>	<b>0</b>	<b>12</b>	--	<b>1</b>	--	--	<b>6</b>	<b>19</b>	--	--	<b>7</b>
Alaska.....	0	8	--	1	--	--	6	41	--	--	2
Hawaii.....	--	13	--	--	--	--	120	0	--	--	13

\* = 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: •See Glossary for definitions. •Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. •Estimates for 2004 are preliminary.

Source: Energy Information Administration, Form EIA-906, "Power Plant Report."

**Table A3.A. Relative Standard Error for Net Generation by Fuel Type: Independent Power Producers by Census Division and State, May 2004**  
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
<b>New England.....</b>	<b>6</b>	<b>2</b>	--	<b>2</b>	<b>104</b>	<b>0</b>	<b>35</b>	<b>4</b>	<b>0</b>	--	<b>2</b>
Connecticut.....	0	3	--	3	104	0	125	6	0	--	2
Maine.....	0	4	--	7	0	--	52	5	--	--	10
Massachusetts.....	10	3	--	3	--	0	65	7	0	--	3
New Hampshire.....	--	588	--	--	--	0	42	14	--	--	4
Rhode Island.....	--	181	--	2	--	--	1,121	38	--	--	2
Vermont.....	--	--	--	--	--	0	84	36	--	--	17
<b>Middle Atlantic.....</b>	<b>2</b>	<b>*</b>	<b>8</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>
New Jersey.....	0	3	--	4	0	0	469	6	--	0	2
New York.....	4	*	15	6	--	0	40	5	--	0	3
Pennsylvania.....	2	1	0	4	0	0	45	4	0	0	1
<b>East North Central.....</b>	<b>1</b>	<b>11</b>	<b>0</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>12</b>	<b>7</b>	--	<b>0</b>	<b>1</b>
Illinois.....	1	7	0	10	--	0	0	13	--	0	1
Indiana.....	1	9,127	--	17	137	--	--	40	--	--	3
Michigan.....	0	1,304	--	4	0	--	19	9	--	--	3
Ohio.....	5	22	--	2	0	--	--	54	--	--	2
Wisconsin.....	527	307	--	22	--	--	60	20	--	--	17
<b>West North Central.....</b>	<b>14</b>	<b>39</b>	--	<b>8</b>	--	--	<b>21</b>	<b>3</b>	--	--	<b>4</b>
Iowa.....	181	57	--	--	--	--	54	3	--	--	16
Kansas.....	--	--	--	--	--	--	0	0	--	--	0
Minnesota.....	0	0	--	45	--	--	25	6	--	--	7
Missouri.....	--	--	--	2	--	--	--	--	--	--	2
Nebraska.....	--	--	--	1,590	--	--	--	149	--	--	225
North Dakota.....	--	--	--	--	--	--	--	0	--	--	0
South Dakota.....	--	--	--	--	--	--	--	0	--	--	0
<b>South Atlantic.....</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>9</b>	<b>3</b>	--	<b>580</b>	<b>1</b>
Delaware.....	0	5	--	0	--	--	--	--	--	--	*
District of Columbia.....	--	0	--	--	--	--	--	--	--	--	0
Florida.....	6	*	--	16	0	--	--	4	--	580	7
Georgia.....	--	382	--	2	--	--	1,339	84	--	--	2
Maryland.....	2	4	--	3	0	0	5	2	--	--	1
North Carolina.....	14	165	--	3	1,149	--	642	9	--	--	6
South Carolina.....	--	0	--	19	--	--	331	--	--	--	22
Virginia.....	6	6	--	3	0	--	317	3	--	--	3
West Virginia.....	1	0	0	2	--	--	8	0	--	--	1
<b>East South Central.....</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>*</b>	--	--	<b>0</b>	<b>8</b>	--	--	<b>*</b>
Alabama.....	0	81	--	1	--	--	--	0	--	--	1
Kentucky.....	0	0	0	0	--	--	--	--	--	--	0
Mississippi.....	0	--	--	*	--	--	0	--	--	--	*
Tennessee.....	--	--	--	0	--	--	--	65	--	--	41
<b>West South Central.....</b>	<b>0</b>	<b>*</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	--	<b>0</b>	<b>1</b>
Arkansas.....	--	0	--	0	--	--	1,193	--	--	--	*
Louisiana.....	0	0	2	9	--	--	0	49	--	--	3
Oklahoma.....	0	--	--	4	--	--	--	0	--	--	3
Texas.....	0	*	0	1	0	0	22	1	--	0	1
<b>Mountain.....</b>	<b>5</b>	<b>38</b>	<b>0</b>	<b>3</b>	<b>0</b>	--	<b>3</b>	<b>5</b>	--	--	<b>2</b>
Arizona.....	--	--	--	3	--	--	--	--	--	--	3
Colorado.....	45	1,035	--	12	--	--	75	23	--	--	12
Idaho.....	--	--	--	121	--	--	12	0	--	--	17
Montana.....	5	0	0	1,414	0	--	3	--	--	--	4
Nevada.....	--	0	--	9	0	--	114	11	--	--	8
New Mexico.....	--	242	--	84	--	--	--	3	--	--	33
Utah.....	38	2,213	--	--	--	--	120	114	--	--	36
Wyoming.....	--	--	--	134	--	--	--	4	--	--	16
<b>Pacific Contiguous.....</b>	<b>2</b>	<b>20</b>	<b>8</b>	<b>3</b>	<b>0</b>	--	<b>13</b>	<b>1</b>	--	--	<b>2</b>
California.....	0	28	8	3	0	--	15	1	--	--	2
Oregon.....	--	--	--	1	--	--	20	9	--	--	2
Washington.....	2	11	--	8	0	--	31	14	--	--	4
<b>Pacific Noncontiguous...</b>	<b>20</b>	<b>7</b>	--	--	--	--	<b>41</b>	<b>7</b>	--	--	<b>11</b>
Alaska.....	108	0	--	--	--	--	--	0	--	--	108
Hawaii.....	19	7	--	--	--	--	41	7	--	--	10

\* = 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 "\*".)

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Source: Energy Information Administration, Form EIA-906, "Power Plant Report."

**Table A3.B. Relative Standard Error for Net Generation by Fuel Type: Independent Power Producers by Census Division and State, Year-to-Date through May 2004**  
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
<b>New England.....</b>	<b>2</b>	<b>1</b>	--	<b>1</b>	<b>57</b>	<b>0</b>	<b>8</b>	<b>1</b>	<b>0</b>	--	<b>1</b>
Connecticut.....	0	1	--	2	57	0	28	2	0	--	1
Maine.....	0	1	--	3	0	--	11	2	--	--	3
Massachusetts.....	3	2	--	1	--	0	16	3	0	--	1
New Hampshire.....	--	404	--	--	--	0	10	5	--	--	1
Rhode Island.....	--	113	--	1	--	--	256	16	--	--	1
Vermont.....	--	--	--	--	--	0	19	13	--	--	4
<b>Middle Atlantic.....</b>	<b>1</b>	<b>*</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>*</b>
New Jersey.....	0	2	--	3	0	0	107	3	--	0	1
New York.....	1	*	6	3	--	0	9	2	--	0	1
Pennsylvania.....	1	1	0	3	0	0	11	2	0	0	*
<b>East North Central.....</b>	<b>*</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>12</b>	<b>3</b>	--	<b>0</b>	<b>*</b>
Illinois.....	*	*	0	7	--	0	0	5	--	0	*
Indiana.....	*	2,291	--	7	75	--	--	16	--	--	1
Michigan.....	10	284	--	2	0	--	20	3	--	--	2
Ohio.....	2	54	--	5	0	--	--	21	--	--	2
Wisconsin.....	176	125	--	9	--	--	53	10	--	--	7
<b>West North Central.....</b>	<b>5</b>	<b>21</b>	--	<b>6</b>	--	--	<b>20</b>	<b>1</b>	--	--	<b>2</b>
Iowa.....	60	101	--	--	--	--	49	1	--	--	6
Kansas.....	--	--	--	--	--	--	0	0	--	--	0
Minnesota.....	0	0	--	17	--	--	26	3	--	--	3
Missouri.....	--	--	--	2	--	--	--	--	--	--	2
Nebraska.....	--	--	--	779	--	--	--	60	--	--	98
North Dakota.....	--	--	--	--	--	--	--	0	--	--	0
South Dakota.....	--	--	--	--	--	--	--	0	--	--	0
<b>South Atlantic.....</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>1</b>	--	<b>207</b>	<b>1</b>
Delaware.....	0	1	--	0	--	--	--	--	--	--	*
District of Columbia.....	--	0	--	--	--	--	--	--	--	--	0
Florida.....	3	*	--	11	0	--	--	2	--	207	4
Georgia.....	--	84	--	2	--	--	306	44	--	--	2
Maryland.....	1	5	--	11	0	0	1	1	--	--	1
North Carolina.....	7	26	--	2	515	--	147	4	--	--	3
South Carolina.....	--	0	--	24	--	--	76	--	--	--	22
Virginia.....	2	2	--	2	0	--	73	2	--	--	2
West Virginia.....	1	0	0	1	--	--	7	0	--	--	1
<b>East South Central.....</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>*</b>	--	--	<b>0</b>	<b>4</b>	--	--	<b>*</b>
Alabama.....	0	41	--	*	--	--	--	0	--	--	*
Kentucky.....	0	0	0	57	--	--	--	--	--	--	*
Mississippi.....	0	--	--	*	--	--	0	--	--	--	*
Tennessee.....	--	--	--	125	--	--	--	26	--	--	54
<b>West South Central.....</b>	<b>*</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>*</b>	<b>1</b>	--	<b>0</b>	<b>*</b>
Arkansas.....	--	0	--	0	--	--	1,064	--	--	--	*
Louisiana.....	0	0	1	5	--	--	0	26	--	--	2
Oklahoma.....	0	--	--	2	--	--	--	0	--	--	2
Texas.....	*	3	0	1	0	0	15	*	--	0	*
<b>Mountain.....</b>	<b>2</b>	<b>49</b>	<b>0</b>	<b>2</b>	<b>0</b>	--	<b>3</b>	<b>2</b>	--	--	<b>1</b>
Arizona.....	--	--	--	3	--	--	--	--	--	--	3
Colorado.....	22	958	--	6	--	--	60	11	--	--	6
Idaho.....	--	--	--	59	--	--	10	0	--	--	11
Montana.....	1	0	0	692	0	--	2	--	--	--	1
Nevada.....	--	0	--	4	0	--	91	4	--	--	4
New Mexico.....	--	122	--	43	--	--	--	1	--	--	17
Utah.....	19	2,049	--	--	--	--	96	59	--	--	18
Wyoming.....	--	--	--	66	--	--	--	3	--	--	8
<b>Pacific Contiguous.....</b>	<b>*</b>	<b>9</b>	<b>3</b>	<b>1</b>	<b>3</b>	--	<b>10</b>	<b>1</b>	--	--	<b>1</b>
California.....	2	9	3	2	497	--	13	1	--	--	1
Oregon.....	--	--	--	*	--	--	12	4	--	--	1
Washington.....	*	17	--	3	0	--	24	7	--	--	1
<b>Pacific Noncontiguous...</b>	<b>9</b>	<b>4</b>	--	--	--	--	<b>47</b>	<b>4</b>	--	--	<b>4</b>
Alaska.....	35	0	--	--	--	--	--	0	--	--	35
Hawaii.....	9	4	--	--	--	--	47	4	--	--	4

\* = 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: •See Glossary for definitions. •Estimates for 2004 are preliminary.

Source: Energy Information Administration, Form EIA-906, "Power Plant Report."

**Table A4.A. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, May 2004**  
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
<b>New England.....</b>	--	<b>50</b>	--	<b>34</b>	--	--	<b>0</b>	<b>25</b>	--	--	<b>22</b>
Connecticut.....	--	211	--	262	--	--	--	--	--	--	234
Maine.....	--	196	--	18,397	--	--	--	28	--	--	28
Massachusetts.....	--	24	--	30	--	--	0	0	--	--	22
New Hampshire.....	--	277	--	--	--	--	--	--	--	--	277
Rhode Island.....	--	274	--	923	--	--	--	--	--	--	263
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>0</b>	<b>59</b>	--	<b>44</b>	--	--	<b>0</b>	<b>18</b>	--	--	<b>23</b>
New Jersey.....	--	295	--	119	--	--	--	222	--	--	116
New York.....	0	62	--	53	--	--	0	25	--	--	25
Pennsylvania.....	0	158	--	60	--	--	--	27	--	--	29
<b>East North Central.....</b>	<b>0</b>	<b>277</b>	--	<b>20</b>	--	--	<b>105</b>	<b>8</b>	--	<b>11,886</b>	<b>8</b>
Illinois.....	0	292	--	24	--	--	0	142	--	--	21
Indiana.....	0	614	--	79	--	--	--	62	--	--	11
Michigan.....	0	659	--	266	--	--	--	3	--	11,886	7
Ohio.....	0	1,199	--	2,172	--	--	--	0	--	--	1,116
Wisconsin.....	0	0	--	0	--	--	105	74	--	--	10
<b>West North Central.....</b>	<b>0</b>	<b>98</b>	<b>0</b>	<b>44</b>	--	--	--	<b>44</b>	--	--	<b>12</b>
Iowa.....	0	924	0	285	--	--	--	47	--	--	32
Kansas.....	--	0	--	1,344	--	--	--	--	--	--	1,344
Minnesota.....	--	98	--	0	--	--	--	88	--	--	17
Missouri.....	0	835	--	0	--	--	--	0	--	--	*
Nebraska.....	--	0	--	36	--	--	--	149	--	--	63
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>0</b>	<b>126</b>	--	<b>74</b>	--	--	<b>144</b>	<b>13</b>	--	--	<b>13</b>
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	--	0	--	66	--	--	--	60	--	--	46
Georgia.....	--	145	--	0	--	--	--	--	--	--	145
Maryland.....	--	0	--	--	--	--	--	60	--	--	59
North Carolina.....	0	1,348	--	0	--	--	0	--	--	--	1
South Carolina.....	--	553	--	1,165	--	--	2,755	53	--	--	75
Virginia.....	0	208	--	--	--	--	--	13	--	--	13
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
<b>East South Central.....</b>	<b>0</b>	<b>597</b>	--	<b>23</b>	--	--	--	<b>130</b>	--	--	<b>18</b>
Alabama.....	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	--	--	--	--	--	--	--	--	--	--	--
Mississippi.....	--	597	--	0	--	--	--	--	--	--	9
Tennessee.....	0	--	--	30	--	--	--	130	--	--	22
<b>West South Central.....</b>	<b>--</b>	<b>85</b>	--	<b>40</b>	--	--	--	<b>95</b>	--	--	<b>39</b>
Arkansas.....	--	--	--	1,060	--	--	--	161	--	--	339
Louisiana.....	--	--	--	0	--	--	--	--	--	--	0
Oklahoma.....	--	0	--	530	--	--	--	--	--	--	530
Texas.....	--	85	--	39	--	--	--	118	--	--	38
<b>Mountain.....</b>	<b>--</b>	<b>947</b>	--	<b>123</b>	<b>0</b>	--	--	<b>198</b>	--	--	<b>119</b>
Arizona.....	--	947	--	480	--	--	--	198	--	--	365
Colorado.....	--	0	--	0	--	--	--	--	--	--	0
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	257	--	--	--	--	--	--	257
Utah.....	--	--	--	197	0	--	--	--	--	--	197
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>0</b>	<b>102</b>	--	<b>33</b>	--	--	<b>0</b>	<b>23</b>	--	--	<b>26</b>
California.....	--	27	--	34	--	--	--	23	--	--	28
Oregon.....	--	1,405	--	676	--	--	--	--	--	--	664
Washington.....	0	--	--	317	--	--	0	--	--	--	49
<b>Pacific Noncontiguous...</b>	<b>0</b>	<b>36</b>	--	--	--	--	--	--	--	--	<b>3</b>
Alaska.....	0	36	--	--	--	--	--	--	--	--	3
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--

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(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
<b>New England.....</b>	--	<b>30</b>	--	<b>17</b>	--	--	<b>0</b>	<b>10</b>	--	--	<b>13</b>
Connecticut.....	--	145	--	128	--	--	--	--	--	--	110
Maine.....	--	135	--	9,008	--	--	--	11	--	--	12
Massachusetts.....	--	14	--	15	--	--	0	0	--	--	10
New Hampshire.....	--	161	--	--	--	--	--	--	--	--	161
Rhode Island.....	--	144	--	452	--	--	--	--	--	--	140
Vermont.....	--	--	--	--	--	--	--	--	--	--	--
<b>Middle Atlantic.....</b>	<b>18</b>	<b>20</b>	--	<b>17</b>	--	--	<b>0</b>	<b>7</b>	--	--	<b>9</b>
New Jersey.....	--	203	--	58	--	--	--	90	--	--	56
New York.....	0	20	--	19	--	--	0	10	--	--	9
Pennsylvania.....	124	105	--	20	--	--	--	11	--	--	11
<b>East North Central.....</b>	<b>1</b>	<b>96</b>	--	<b>8</b>	--	--	<b>94</b>	<b>4</b>	--	<b>4,246</b>	<b>3</b>
Illinois.....	0	126	--	9	--	--	0	57	--	--	8
Indiana.....	0	48	--	28	--	--	--	25	--	--	4
Michigan.....	0	453	--	148	--	--	--	2	--	4,246	4
Ohio.....	0	824	--	1,064	--	--	--	0	--	--	696
Wisconsin.....	15	0	--	0	--	--	94	30	--	--	6
<b>West North Central.....</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>19</b>	--	--	--	<b>18</b>	--	--	<b>5</b>
Iowa.....	0	716	0	93	--	--	--	20	--	--	12
Kansas.....	--	0	--	689	--	--	--	--	--	--	689
Minnesota.....	--	7	--	0	--	--	--	36	--	--	6
Missouri.....	0	770	--	0	--	--	--	0	--	--	*
Nebraska.....	--	0	--	17	--	--	--	60	--	--	26
North Dakota.....	--	--	--	--	--	--	--	--	--	--	--
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>0</b>	<b>94</b>	--	<b>47</b>	--	--	<b>62</b>	<b>7</b>	--	--	<b>7</b>
Delaware.....	--	--	--	--	--	--	--	--	--	--	--
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	--	0	--	45	--	--	--	31	--	--	30
Georgia.....	--	134	--	0	--	--	--	--	--	--	134
Maryland.....	--	148	--	--	--	--	--	25	--	--	25
North Carolina.....	0	1,248	--	0	--	--	26	--	--	--	2
South Carolina.....	--	512	--	598	--	--	630	27	--	--	35
Virginia.....	0	69	--	--	--	--	--	7	--	--	7
West Virginia.....	--	--	--	--	--	--	--	--	--	--	--
<b>East South Central.....</b>	<b>0</b>	<b>553</b>	--	<b>12</b>	--	--	--	<b>52</b>	--	--	<b>9</b>
Alabama.....	--	--	--	--	--	--	--	--	--	--	--
Kentucky.....	--	--	--	--	--	--	--	--	--	--	--
Mississippi.....	--	553	--	0	--	--	--	--	--	--	11
Tennessee.....	0	--	--	16	--	--	--	52	--	--	11
<b>West South Central.....</b>	--	<b>186</b>	--	<b>22</b>	--	--	--	<b>49</b>	--	--	<b>21</b>
Arkansas.....	--	--	--	544	--	--	--	83	--	--	173
Louisiana.....	--	--	--	0	--	--	--	--	--	--	0
Oklahoma.....	--	0	--	262	--	--	--	--	--	--	262
Texas.....	--	186	--	22	--	--	--	61	--	--	21
<b>Mountain.....</b>	--	<b>877</b>	--	<b>41</b>	<b>0</b>	--	--	<b>102</b>	--	--	<b>40</b>
Arizona.....	--	877	--	246	--	--	--	102	--	--	187
Colorado.....	--	0	--	0	--	--	--	--	--	--	0
Idaho.....	--	--	--	--	--	--	--	--	--	--	--
Montana.....	--	--	--	--	--	--	--	--	--	--	--
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	--	--	132	--	--	--	--	--	--	132
Utah.....	--	--	--	92	0	--	--	--	--	--	92
Wyoming.....	--	--	--	--	--	--	--	--	--	--	--
<b>Pacific Contiguous.....</b>	<b>281</b>	<b>94</b>	--	<b>18</b>	--	--	<b>0</b>	<b>12</b>	--	--	<b>14</b>
California.....	--	26	--	18	--	--	--	12	--	--	15
Oregon.....	--	966	--	331	--	--	--	--	--	--	323
Washington.....	281	--	--	150	--	--	0	--	--	--	29
<b>Pacific Noncontiguous...</b>	<b>22</b>	<b>35</b>	--	--	--	--	--	--	--	--	<b>20</b>
Alaska.....	22	35	--	--	--	--	--	--	--	--	20
Hawaii.....	--	--	--	--	--	--	--	--	--	--	--

\* = 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: •See Glossary for definitions. •Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. •Data for 2004 are preliminary.

Source: Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table A5.A. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State, May 2004**  
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
<b>New England.....</b>	<b>50</b>	<b>29</b>	--	<b>17</b>	--	--	<b>25</b>	<b>4</b>	--	<b>17</b>	<b>8</b>
Connecticut.....	--	291	--	106	--	--	--	--	--	--	99
Maine.....	0	21	--	5	--	--	2	3	--	0	3
Massachusetts.....	313	117	--	107	--	--	716	--	--	800	79
New Hampshire.....	--	164	--	176	--	--	206	49	--	--	107
Rhode Island.....	--	1,233	--	--	--	--	--	--	--	--	1,233
Vermont.....	--	--	--	--	--	--	537	122	--	--	334
<b>Middle Atlantic.....</b>	<b>15</b>	<b>43</b>	<b>0</b>	<b>29</b>	<b>7</b>	--	<b>233</b>	<b>5</b>	--	<b>259</b>	<b>12</b>
New Jersey.....	--	60	--	48	34	--	--	106	--	5,276	40
New York.....	17	41	--	46	31	--	233	17	--	--	23
Pennsylvania.....	21	154	0	56	4	--	--	1	--	259	14
<b>East North Central.....</b>	<b>26</b>	<b>65</b>	<b>16</b>	<b>38</b>	<b>3</b>	--	<b>16</b>	<b>7</b>	--	<b>0</b>	<b>10</b>
Illinois.....	45	860	222	70	13	--	--	42	--	--	33
Indiana.....	282	17	--	67	2	--	--	184	--	0	5
Michigan.....	57	402	--	71	--	--	41	10	--	--	25
Ohio.....	59	12	--	106	25	--	--	17	--	--	31
Wisconsin.....	34	149	0	98	--	--	17	12	--	--	18
<b>West North Central.....</b>	<b>42</b>	<b>86</b>	--	<b>57</b>	<b>0</b>	--	<b>15</b>	<b>3</b>	--	<b>0</b>	<b>27</b>
Iowa.....	58	791	--	142	--	--	--	--	--	--	55
Kansas.....	--	859	--	315	--	--	--	--	--	--	312
Minnesota.....	70	98	--	28	--	--	15	0	--	0	31
Missouri.....	155	1,036	--	536	--	--	--	129	--	--	142
Nebraska.....	304	--	--	876	--	--	--	--	--	--	290
North Dakota.....	224	0	--	0	0	--	--	487	--	--	116
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>9</b>	<b>16</b>	<b>9</b>	<b>20</b>	<b>13</b>	--	<b>36</b>	<b>2</b>	--	<b>22</b>	<b>5</b>
Delaware.....	223	113	170	0	26	--	--	--	--	--	58
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	12	21	--	24	0	--	--	5	--	21	9
Georgia.....	17	30	0	61	--	--	368	4	--	--	7
Maryland.....	0	937	--	223	--	--	--	0	--	--	21
North Carolina.....	18	16	--	474	--	--	62	5	--	109	16
South Carolina.....	21	0	--	0	0	--	--	0	--	--	4
Virginia.....	26	6	--	42	--	--	1,705	2	--	--	10
West Virginia.....	30	968	--	77	0	--	2	--	--	--	15
<b>East South Central.....</b>	<b>13</b>	<b>9</b>	--	<b>26</b>	<b>61</b>	--	<b>12</b>	<b>2</b>	--	<b>2,215</b>	<b>6</b>
Alabama.....	32	2	--	24	61	--	--	3	--	2,215	6
Kentucky.....	--	--	--	107	--	--	--	5	--	--	42
Mississippi.....	0	29	--	67	0	--	--	2	--	--	19
Tennessee.....	14	89	--	100	0	--	12	7	--	0	11
<b>West South Central.....</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>6</b>	--	--	<b>2</b>	--	<b>75</b>	<b>3</b>
Arkansas.....	0	*	--	33	--	--	--	4	--	0	5
Louisiana.....	0	0	--	4	2	--	--	3	--	83	3
Oklahoma.....	36	0	--	21	130	--	--	7	--	0	17
Texas.....	1	5	2	6	11	--	--	5	--	417	5
<b>Mountain.....</b>	<b>22</b>	<b>79</b>	--	<b>72</b>	--	--	--	<b>6</b>	--	<b>124</b>	<b>21</b>
Arizona.....	0	624	--	3,837	--	--	--	--	--	--	2
Colorado.....	--	182	--	240	--	--	--	--	--	--	220
Idaho.....	232	0	--	95	--	--	--	2	--	167	28
Montana.....	--	--	--	505	--	--	--	62	--	--	87
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	69	--	123	--	--	--	--	--	--	120
Utah.....	79	--	--	139	--	--	--	--	--	--	87
Wyoming.....	0	44	--	146	--	--	--	--	--	181	40
<b>Pacific Contiguous.....</b>	<b>17</b>	<b>208</b>	<b>0</b>	<b>11</b>	<b>17</b>	--	<b>260</b>	<b>6</b>	--	<b>440</b>	<b>9</b>
California.....	0	245	0	12	17	--	--	10	--	440	9
Oregon.....	557	0	--	0	--	--	--	5	--	--	9
Washington.....	0	218	--	0	--	--	260	9	--	--	12
<b>Pacific Noncontiguous...</b>	<b>--</b>	<b>11</b>	<b>--</b>	<b>33</b>	<b>0</b>	<b>--</b>	<b>54</b>	<b>50</b>	<b>--</b>	<b>--</b>	<b>23</b>
Alaska.....	--	53	--	33	--	--	--	--	--	--	32
Hawaii.....	--	4	--	--	0	--	54	50	--	--	14

\* = 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: •See Glossary for definitions. •Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. •Estimates for 2004 are preliminary.

Source: Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table A5.B. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State, Year-to-Date through May 2004**  
(Percent)

Census Division and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional	Other Renewables	Hydroelectric Pumped Storage	Other	Total
<b>New England.....</b>	<b>29</b>	<b>20</b>	--	<b>8</b>	--	--	<b>5</b>	<b>2</b>	--	<b>28</b>	<b>4</b>
Connecticut.....	--	153	--	52	--	--	--	--	--	--	52
Maine.....	24	17	--	4	--	--	2	2	--	0	3
Massachusetts.....	104	65	--	52	--	--	164	--	--	286	39
New Hampshire.....	--	110	--	86	--	--	47	18	--	--	29
Rhode Island.....	--	649	--	--	--	--	--	--	--	--	649
Vermont.....	--	--	--	--	--	--	123	45	--	--	77
<b>Middle Atlantic.....</b>	<b>6</b>	<b>29</b>	<b>0</b>	<b>14</b>	<b>4</b>	--	<b>56</b>	<b>2</b>	--	<b>93</b>	<b>5</b>
New Jersey.....	--	41	--	23	19	--	--	43	--	1,885	19
New York.....	7	29	--	23	17	--	56	6	--	--	10
Pennsylvania.....	8	91	0	27	4	--	--	*	--	92	6
<b>East North Central.....</b>	<b>7</b>	<b>59</b>	<b>6</b>	<b>18</b>	<b>1</b>	--	<b>14</b>	<b>3</b>	--	<b>0</b>	<b>3</b>
Illinois.....	11	591	64	34	7	--	--	17	--	--	10
Indiana.....	94	11	--	27	1	--	--	74	--	0	2
Michigan.....	19	95	--	32	--	--	37	4	--	--	9
Ohio.....	20	32	--	74	11	--	--	5	--	--	12
Wisconsin.....	11	106	0	44	--	--	15	4	--	--	7
<b>West North Central.....</b>	<b>12</b>	<b>99</b>	--	<b>28</b>	<b>0</b>	--	<b>13</b>	<b>3</b>	--	<b>0</b>	<b>9</b>
Iowa.....	13	544	--	88	--	--	--	--	--	--	13
Kansas.....	--	795	--	161	--	--	--	--	--	--	160
Minnesota.....	23	188	--	17	--	--	13	3	--	0	12
Missouri.....	52	712	--	262	--	--	--	52	--	--	48
Nebraska.....	101	--	--	429	--	--	--	--	--	--	99
North Dakota.....	75	0	--	0	0	--	--	197	--	--	41
South Dakota.....	--	--	--	--	--	--	--	--	--	--	--
<b>South Atlantic.....</b>	<b>4</b>	<b>12</b>	<b>3</b>	<b>11</b>	<b>8</b>	--	<b>7</b>	<b>1</b>	--	<b>8</b>	<b>2</b>
Delaware.....	74	61	49	0	14	--	--	--	--	--	32
District of Columbia.....	--	--	--	--	--	--	--	--	--	--	--
Florida.....	20	14	--	14	0	--	--	4	--	8	5
Georgia.....	7	15	0	24	--	--	84	2	--	--	3
Maryland.....	0	494	--	109	--	--	--	0	--	--	9
North Carolina.....	10	6	--	243	--	--	11	3	--	39	4
South Carolina.....	10	3	--	117	1,797	--	--	1	--	--	2
Virginia.....	8	6	--	27	--	--	390	1	--	--	5
West Virginia.....	12	53	--	30	0	--	1	--	--	--	6
<b>West South Central.....</b>	<b>5</b>	<b>8</b>	--	<b>12</b>	<b>32</b>	--	<b>5</b>	<b>1</b>	--	<b>791</b>	<b>3</b>
Alabama.....	16	3	--	10	32	--	--	1	--	791	3
Kentucky.....	--	--	--	51	--	--	--	1	--	--	16
Mississippi.....	0	32	--	37	0	--	--	3	--	--	10
Tennessee.....	6	40	--	48	0	--	5	4	--	0	4
<b>West South Central.....</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>2</b>	--	--	<b>1</b>	--	<b>25</b>	<b>2</b>
Arkansas.....	0	*	--	20	--	--	--	2	--	0	2
Louisiana.....	0	8	--	3	1	--	--	2	--	27	2
Oklahoma.....	18	0	--	10	58	--	--	4	--	0	8
Texas.....	1	3	1	3	4	--	--	2	--	149	2
<b>Mountain.....</b>	<b>9</b>	<b>175</b>	--	<b>37</b>	--	--	--	<b>2</b>	--	<b>44</b>	<b>10</b>
Arizona.....	0	575	--	1,968	--	--	--	--	--	--	1
Colorado.....	--	168	--	123	--	--	--	--	--	--	113
Idaho.....	77	0	--	32	--	--	--	1	--	60	11
Montana.....	--	--	--	247	--	--	--	23	--	--	35
Nevada.....	--	--	--	--	--	--	--	--	--	--	--
New Mexico.....	--	165	--	66	--	--	--	--	--	--	65
Utah.....	39	--	--	71	--	--	--	--	--	--	44
Wyoming.....	0	495	--	84	--	--	--	--	--	65	16
<b>Pacific Contiguous.....</b>	<b>8</b>	<b>56</b>	<b>8</b>	<b>6</b>	<b>6</b>	--	<b>209</b>	<b>3</b>	--	<b>157</b>	<b>4</b>
California.....	7	27	8	6	6	--	--	5	--	157	5
Oregon.....	186	64	--	6	--	--	--	3	--	--	4
Washington.....	0	73	--	49	--	--	209	4	--	--	8
<b>Pacific Noncontiguous...</b>	--	<b>11</b>	--	<b>16</b>	<b>0</b>	--	<b>44</b>	<b>26</b>	--	--	<b>11</b>
Alaska.....	--	40	--	16	--	--	--	--	--	--	15
Hawaii.....	--	4	--	--	0	--	44	26	--	--	9

\* = 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: •See Glossary for definitions. •Data for 2004 are preliminary. •Estimates for 2004 are preliminary.

Source: Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report."

**Table A6.A. Relative Standard Error for Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, May 2004**  
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation <sup>1</sup>	All Sectors <sup>2</sup>
<b>New England</b> .....	*	*	2	NA	*
Connecticut.....	*	*	1	NA	1
Maine.....	*	*	1	NA	1
Massachusetts.....	*	*	4	NA	1
New Hampshire.....	*	*	2	NA	1
Rhode Island.....	*	*	2	NA	1
Vermont.....	1	*	4	NA	2
<b>Middle Atlantic</b> .....	*	*	1	NA	*
New Jersey.....	*	*	1	NA	*
New York.....	*	*	2	NA	*
Pennsylvania.....	*	*	0	NA	*
<b>East North Central</b> .....	*	1	0	NA	*
Illinois.....	*	*	0	NA	1
Indiana.....	*	1	1	NA	1
Michigan.....	*	2	1	NA	*
Ohio.....	*	*	0	NA	1
Wisconsin.....	1	3	2	NA	*
<b>West North Central</b> .....	1	5	2	NA	1
Iowa.....	2	27	3	NA	*
Kansas.....	1	1	6	NA	1
Minnesota.....	1	8	2	NA	*
Missouri.....	*	2	2	NA	1
Nebraska.....	1	3	9	NA	5
North Dakota.....	1	3	22	NA	8
South Dakota.....	1	7	14	NA	9
<b>South Atlantic</b> .....	*	1	0	NA	*
Delaware.....	*	*	2	NA	1
District of Columbia.....	0	0	0	NA	0
Florida.....	*	1	1	NA	1
Georgia.....	1	1	0	NA	1
Maryland.....	*	*	0	NA	1
North Carolina.....	1	1	0	NA	*
South Carolina.....	1	1	0	NA	*
Virginia.....	*	1	0	NA	*
West Virginia.....	*	*	0	NA	*
<b>East South Central</b> .....	*	1	1	NA	1
Alabama.....	1	1	1	NA	1
Kentucky.....	1	1	1	NA	1
Mississippi.....	2	2	4	NA	1
Tennessee.....	*	1	1	NA	1
<b>West South Central</b> .....	1	1	3	NA	1
Arkansas.....	2	2	6	NA	1
Louisiana.....	1	1	1	NA	1
Oklahoma.....	1	1	3	NA	1
Texas.....	1	1	3	NA	1
<b>Mountain</b> .....	*	2	2	NA	1
Arizona.....	*	3	3	NA	*
Colorado.....	1	2	7	NA	1
Idaho.....	1	2	4	NA	3
Montana.....	1	2	14	NA	6
Nevada.....	1	1	1	NA	*
New Mexico.....	1	5	11	NA	1
Utah.....	1	2	2	NA	1
Wyoming.....	1	2	3	NA	4
<b>Pacific Contiguous</b> .....	*	3	11	NA	1
California.....	*	4	6	NA	*
Oregon.....	1	2	19	NA	4
Washington.....	1	2	29	NA	4
<b>Pacific Noncontiguous</b> .....	*	7	0	NA	*
Alaska.....	1	13	1	NA	*
Hawaii.....	0	0	0	NA	0

<sup>1</sup> Prior to January 2004 data were reported for the other sector, which includes transportation. Because January was the first time for respondents to submit data for the transportation sector, the quality of the information is still being evaluated. These data will be provided in a subsequent issue of this report.

<sup>2</sup> Beginning with January 2004 data, there are small quantities of data for the transportation sector included.

\* = 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 "\*\*").

NA = Not available.

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Estimates for 2004 are preliminary. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions."

**Table A6.B. Relative Standard Error for Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date through May 2004**  
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation <sup>1</sup>	All Sectors <sup>2</sup>
<b>New England</b> .....	*	*	1	NA	*
Connecticut.....	*	*	0	NA	*
Maine.....	*	*	0	NA	*
Massachusetts.....	*	*	2	NA	*
New Hampshire.....	*	*	1	NA	*
Rhode Island.....	*	*	1	NA	*
Vermont.....	1	*	2	NA	1
<b>Middle Atlantic</b> .....	*	*	0	NA	*
New Jersey.....	*	*	0	NA	*
New York.....	*	*	1	NA	*
Pennsylvania.....	*	*	0	NA	*
<b>East North Central</b> .....	*	*	0	NA	*
Illinois.....	*	*	0	NA	*
Indiana.....	1	*	0	NA	1
Michigan.....	*	1	0	NA	*
Ohio.....	*	*	0	NA	*
Wisconsin.....	*	1	1	NA	*
<b>West North Central</b> .....	*	2	1	NA	*
Iowa.....	1	11	2	NA	*
Kansas.....	1	1	3	NA	1
Minnesota.....	1	3	1	NA	*
Missouri.....	1	1	1	NA	1
Nebraska.....	1	2	4	NA	2
North Dakota.....	1	1	9	NA	3
South Dakota.....	1	3	7	NA	3
<b>South Atlantic</b> .....	*	*	0	NA	*
Delaware.....	*	*	1	NA	*
District of Columbia.....	0	0	0	NA	0
Florida.....	1	*	0	NA	*
Georgia.....	1	*	0	NA	*
Maryland.....	*	*	0	NA	*
North Carolina.....	1	*	0	NA	*
South Carolina.....	1	*	0	NA	*
Virginia.....	*	*	0	NA	*
West Virginia.....	*	*	0	NA	*
<b>East South Central</b> .....	*	*	0	NA	*
Alabama.....	1	*	0	NA	*
Kentucky.....	1	*	0	NA	1
Mississippi.....	1	1	2	NA	1
Tennessee.....	1	*	1	NA	1
<b>West South Central</b> .....	1	1	2	NA	*
Arkansas.....	1	1	3	NA	1
Louisiana.....	1	*	0	NA	*
Oklahoma.....	1	1	2	NA	1
Texas.....	1	1	2	NA	*
<b>Mountain</b> .....	*	1	1	NA	*
Arizona.....	*	1	1	NA	*
Colorado.....	1	1	2	NA	*
Idaho.....	1	1	2	NA	1
Montana.....	1	1	6	NA	3
Nevada.....	*	1	0	NA	*
New Mexico.....	1	2	3	NA	1
Utah.....	1	1	1	NA	*
Wyoming.....	1	1	1	NA	1
<b>Pacific Contiguous</b> .....	*	1	4	NA	*
California.....	*	2	2	NA	*
Oregon.....	1	1	6	NA	1
Washington.....	1	1	10	NA	1
<b>Pacific Noncontiguous</b> .....	*	4	0	NA	*
Alaska.....	*	6	1	NA	*
Hawaii.....	0	0	0	NA	0

<sup>1</sup> Prior to January 2004 data were reported for the other sector, which includes transportation. Because January was the first time for respondents to submit data for the transportation sector, the quality of the information is still being evaluated. These data will be provided in a subsequent issue of this report.

<sup>2</sup> Beginning with January 2004 data, there are small quantities of data for the transportation sector included.

\* = 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 "\*\*").

NA = Not available.

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Estimates for 2004 are preliminary. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions."

**Table A7.A. Relative Standard Error for Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, May 2004**  
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation <sup>1</sup>	All Sectors <sup>2</sup>
<b>New England</b>	*	*	2	NA	*
Connecticut	*	*	1	NA	*
Maine	*	*	2	NA	1
Massachusetts	1	*	4	NA	1
New Hampshire	*	*	2	NA	1
Rhode Island	*	*	2	NA	*
Vermont	1	1	5	NA	2
<b>Middle Atlantic</b>	*	*	*	NA	*
New Jersey	*	*	1	NA	*
New York	*	*	1	NA	*
Pennsylvania	*	*	*	NA	*
<b>East North Central</b>	*	1	1	NA	*
Illinois	*	*	1	NA	*
Indiana	*	*	1	NA	1
Michigan	1	2	2	NA	*
Ohio	*	*	1	NA	*
Wisconsin	1	4	2	NA	*
<b>West North Central</b>	1	3	2	NA	1
Iowa	2	16	5	NA	1
Kansas	1	2	7	NA	1
Minnesota	2	4	3	NA	1
Missouri	*	1	2	NA	1
Nebraska	1	4	8	NA	4
North Dakota	1	2	15	NA	4
South Dakota	1	3	10	NA	5
<b>South Atlantic</b>	1	*	1	NA	*
Delaware	1	1	4	NA	2
District of Columbia	0	0	0	NA	0
Florida	1	*	2	NA	1
Georgia	1	1	1	NA	1
Maryland	*	*	1	NA	1
North Carolina	1	*	1	NA	1
South Carolina	1	*	1	NA	1
Virginia	1	*	1	NA	*
West Virginia	*	*	*	NA	*
<b>East South Central</b>	*	*	1	NA	1
Alabama	1	1	2	NA	1
Kentucky	1	*	1	NA	1
Mississippi	1	2	4	NA	1
Tennessee	*	*	1	NA	1
<b>West South Central</b>	1	1	3	NA	1
Arkansas	1	2	6	NA	1
Louisiana	1	1	1	NA	1
Oklahoma	1	1	4	NA	1
Texas	1	1	3	NA	1
<b>Mountain</b>	*	1	3	NA	*
Arizona	*	1	3	NA	*
Colorado	1	2	9	NA	1
Idaho	1	1	3	NA	1
Montana	1	2	8	NA	4
Nevada	*	1	1	NA	*
New Mexico	1	5	12	NA	1
Utah	1	3	4	NA	1
Wyoming	1	2	3	NA	3
<b>Pacific Contiguous</b>	*	1	5	NA	*
California	*	1	5	NA	*
Oregon	1	1	12	NA	2
Washington	1	1	18	NA	2
<b>Pacific Noncontiguous</b>	*	7	*	NA	*
Alaska	1	15	3	NA	1
Hawaii	0	0	0	NA	0

<sup>1</sup> Prior to January 2004 data were reported for the other sector, which includes transportation. Because January was the first time for respondents to submit data for the transportation sector, the quality of the information is still being evaluated. These data will be provided in a subsequent issue of this report.

<sup>2</sup> Beginning with January 2004 data, there are small quantities of data for the transportation sector included.

\* = 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 "\*\*").

NA = Not available.

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Estimates for 2004 are preliminary. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions."

**Table A7.B. Relative Standard Error for Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date through May 2004**  
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation <sup>1</sup>	All Sectors <sup>2</sup>
<b>New England</b> .....	*	*	1	NA	*
Connecticut.....	*	*	*	NA	*
Maine.....	*	*	1	NA	*
Massachusetts.....	*	*	2	NA	*
New Hampshire.....	*	*	1	NA	*
Rhode Island.....	*	*	1	NA	*
Vermont.....	1	*	2	NA	1
<b>Middle Atlantic</b> .....	*	*	*	NA	*
New Jersey.....	*	*	*	NA	*
New York.....	*	*	*	NA	*
Pennsylvania.....	*	*	*	NA	*
<b>East North Central</b> .....	*	*	*	NA	*
Illinois.....	*	*	*	NA	*
Indiana.....	1	*	*	NA	*
Michigan.....	*	1	1	NA	*
Ohio.....	*	*	*	NA	*
Wisconsin.....	*	1	1	NA	*
<b>West North Central</b> .....	*	1	1	NA	*
Iowa.....	1	6	2	NA	*
Kansas.....	1	1	3	NA	1
Minnesota.....	1	2	1	NA	*
Missouri.....	1	1	1	NA	1
Nebraska.....	1	1	5	NA	2
North Dakota.....	1	1	8	NA	2
South Dakota.....	1	1	5	NA	3
<b>South Atlantic</b> .....	*	*	*	NA	*
Delaware.....	*	*	2	NA	1
District of Columbia.....	0	0	0	NA	0
Florida.....	*	*	1	NA	*
Georgia.....	1	*	*	NA	*
Maryland.....	*	*	*	NA	*
North Carolina.....	1	*	*	NA	*
South Carolina.....	1	*	*	NA	*
Virginia.....	*	*	*	NA	*
West Virginia.....	*	*	*	NA	*
<b>East South Central</b> .....	*	*	*	NA	*
Alabama.....	1	*	1	NA	*
Kentucky.....	1	*	*	NA	1
Mississippi.....	1	1	2	NA	1
Tennessee.....	1	*	*	NA	*
<b>West South Central</b> .....	1	*	1	NA	*
Arkansas.....	1	1	3	NA	1
Louisiana.....	1	*	*	NA	*
Oklahoma.....	1	1	2	NA	1
Texas.....	1	*	1	NA	*
<b>Mountain</b> .....	*	1	1	NA	*
Arizona.....	*	1	2	NA	*
Colorado.....	1	1	3	NA	1
Idaho.....	1	1	2	NA	1
Montana.....	1	1	5	NA	2
Nevada.....	*	*	*	NA	*
New Mexico.....	1	2	5	NA	1
Utah.....	1	1	1	NA	1
Wyoming.....	1	1	1	NA	1
<b>Pacific Contiguous</b> .....	*	*	2	NA	*
California.....	*	*	2	NA	*
Oregon.....	1	1	5	NA	1
Washington.....	1	*	7	NA	1
<b>Pacific Noncontiguous</b> .....	*	4	*	NA	*
Alaska.....	1	7	1	NA	1
Hawaii.....	0	0	0	NA	0

<sup>1</sup> Prior to January 2004 data were reported for the other sector, which includes transportation. Because January was the first time for respondents to submit data for the transportation sector, the quality of the information is still being evaluated. These data will be provided in a subsequent issue of this report.

<sup>2</sup> Beginning with January 2004 data, there are small quantities of data for the transportation sector included.

\* = 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 "\*\*").

NA = Not available.

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Estimates for 2004 are preliminary. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions."

**Table A8.A. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, May 2004**  
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation <sup>1</sup>	All Sectors <sup>2</sup>
<b>New England</b>	*	*	*	NA	*
Connecticut	*	*	*	NA	*
Maine	*	*	1	NA	*
Massachusetts	*	*	*	NA	*
New Hampshire	*	*	1	NA	*
Rhode Island	*	*	*	NA	*
Vermont	1	*	1	NA	1
<b>Middle Atlantic</b>	*	*	*	NA	*
New Jersey	*	*	*	NA	*
New York	*	*	1	NA	*
Pennsylvania	*	*	*	NA	*
<b>East North Central</b>	*	*	*	NA	*
Illinois	*	*	*	NA	*
Indiana	*	1	1	NA	1
Michigan	*	1	1	NA	*
Ohio	*	*	*	NA	*
Wisconsin	*	1	1	NA	*
<b>West North Central</b>	*	2	1	NA	1
Iowa	1	13	2	NA	1
Kansas	1	1	2	NA	1
Minnesota	1	4	1	NA	1
Missouri	*	2	2	NA	1
Nebraska	1	1	3	NA	2
North Dakota	1	2	9	NA	4
South Dakota	1	4	6	NA	4
<b>South Atlantic</b>	1	1	1	NA	*
Delaware	1	*	1	NA	*
District of Columbia	0	0	0	NA	0
Florida	*	1	1	NA	1
Georgia	1	1	1	NA	1
Maryland	*	*	*	NA	*
North Carolina	1	1	1	NA	1
South Carolina	1	1	1	NA	1
Virginia	1	*	1	NA	*
West Virginia	*	*	*	NA	*
<b>East South Central</b>	*	*	1	NA	*
Alabama	1	1	1	NA	1
Kentucky	*	1	1	NA	1
Mississippi	1	1	1	NA	1
Tennessee	*	*	1	NA	1
<b>West South Central</b>	1	*	1	NA	*
Arkansas	1	1	2	NA	1
Louisiana	1	*	*	NA	*
Oklahoma	1	*	1	NA	1
Texas	1	*	1	NA	*
<b>Mountain</b>	*	1	2	NA	*
Arizona	*	2	2	NA	*
Colorado	1	1	6	NA	1
Idaho	1	1	2	NA	1
Montana	1	1	7	NA	3
Nevada	*	1	*	NA	*
New Mexico	1	2	8	NA	1
Utah	1	1	2	NA	1
Wyoming	1	1	1	NA	1
<b>Pacific Contiguous</b>	*	2	7	NA	1
California	*	3	1	NA	*
Oregon	1	1	8	NA	3
Washington	1	1	13	NA	3
<b>Pacific Noncontiguous</b>	*	7	*	NA	*
Alaska	1	13	2	NA	1
Hawaii	0	0	0	NA	0

<sup>1</sup> Prior to January 2004 data were reported for the other sector, which includes transportation. Because January was the first time for respondents to submit data for the transportation sector, the quality of the information is still being evaluated.

<sup>2</sup> Beginning with January 2004 data, there are small quantities of data for the transportation sector included.

\* = 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 "\*\*").

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Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Estimates for 2004 are preliminary. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions."

**Table A8.B. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date through May 2004**  
(Percent)

Census Division and State	Residential	Commercial	Industrial	Transportation <sup>1</sup>	All Sectors <sup>2</sup>
<b>New England</b> .....	*	*	*	NA	*
Connecticut.....	*	*	*	NA	*
Maine.....	*	*	1	NA	*
Massachusetts.....	*	*	*	NA	*
New Hampshire.....	*	*	1	NA	*
Rhode Island.....	*	*	*	NA	*
Vermont.....	1	*	*	NA	*
<b>Middle Atlantic</b> .....	*	*	*	NA	*
New Jersey.....	*	*	*	NA	*
New York.....	*	*	*	NA	*
Pennsylvania.....	*	*	*	NA	*
<b>East North Central</b> .....	*	*	*	NA	*
Illinois.....	*	*	*	NA	*
Indiana.....	*	*	*	NA	*
Michigan.....	*	*	*	NA	*
Ohio.....	*	*	*	NA	*
Wisconsin.....	*	1	*	NA	*
<b>West North Central</b> .....	*	<b>1</b>	<b>1</b>	NA	*
Iowa.....	*	8	1	NA	*
Kansas.....	1	*	1	NA	*
Minnesota.....	*	2	1	NA	*
Missouri.....	*	1	1	NA	1
Nebraska.....	*	1	2	NA	1
North Dakota.....	*	1	5	NA	2
South Dakota.....	1	2	4	NA	3
<b>South Atlantic</b> .....	*	*	*	NA	*
Delaware.....	*	*	1	NA	*
District of Columbia.....	0	0	0	NA	0
Florida.....	*	*	1	NA	*
Georgia.....	1	1	*	NA	*
Maryland.....	*	*	*	NA	*
North Carolina.....	*	*	*	NA	*
South Carolina.....	1	*	*	NA	*
Virginia.....	*	*	*	NA	*
West Virginia.....	*	*	*	NA	*
<b>East South Central</b> .....	*	*	*	NA	*
Alabama.....	*	1	1	NA	*
Kentucky.....	*	*	*	NA	*
Mississippi.....	1	*	1	NA	*
Tennessee.....	*	*	1	NA	*
<b>West South Central</b> .....	*	*	<b>1</b>	NA	*
Arkansas.....	1	*	1	NA	1
Louisiana.....	*	*	*	NA	*
Oklahoma.....	1	*	1	NA	*
Texas.....	*	*	1	NA	*
<b>Mountain</b> .....	*	<b>1</b>	<b>1</b>	NA	*
Arizona.....	*	1	2	NA	*
Colorado.....	*	*	4	NA	*
Idaho.....	1	1	1	NA	1
Montana.....	1	1	4	NA	2
Nevada.....	*	1	*	NA	*
New Mexico.....	1	1	6	NA	1
Utah.....	1	1	2	NA	*
Wyoming.....	1	*	1	NA	1
<b>Pacific Contiguous</b> .....	*	<b>1</b>	<b>4</b>	NA	*
California.....	*	2	1	NA	*
Oregon.....	1	1	4	NA	1
Washington.....	*	1	7	NA	1
<b>Pacific Noncontiguous</b> .....	*	<b>4</b>	*	NA	*
Alaska.....	1	8	1	NA	1
Hawaii.....	0	0	0	NA	0

<sup>1</sup> Prior to January 2004 data were reported for the other sector, which includes transportation. Because January was the first time for respondents to submit data for the transportation sector, the quality of the information is still being evaluated. These data will be provided in a subsequent issue of this report.

<sup>2</sup> Beginning with January 2004 data, there are small quantities of data for the transportation sector included.

\* = 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 "\*\*").

NA = Not available.

Notes: • See Glossary for definitions. • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See Technical Notes for further information. • Estimates for 2004 are preliminary. • It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high relative standard error.

Source: Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions."

## Appendix B

# Major Disturbances and Unusual Occurrences

**Table B.1. Major Disturbances and Unusual Occurrences, 2004**

Date	Utility/Power Pool (NERC Region)	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected <sup>1</sup>	Restoration Date/Time
<b>January</b>							
1/01/04	Pacific Gas and Electric Company (WECC)	7:30 a.m.	Northern California	Winter Storm	170	263,000	1/02/04, 4:00 p.m.
1/07/04	Puget Sound Energy (WECC)	Midnight	King County	Snow Storm	150	145,000	1/10/04, 5:00 p.m.
1/08/04	National Grid (New York) (NPCC)	3:00 p.m.	Lake Placid/Saranac, New York	Public Appeal to Reduce Load	100	18,600	1/10/04, 7:00 p.m.
1/14/04	National Grid (New York) (NPCC)	6:00 a.m.	Lake Placid/Saranac, New York	Public Appeal to Reduce Load	100	18,600	1/17/04, 12:00 noon
1/26/04	South Carolina Electric and Gas (SERC)	10:00 a.m.	Central South Carolina	Ice Storm	500-700	150,000	1/28/04, 8:00 a.m.
1/26/04	Southern Company (SERC)	2:00 p.m.	North and Central area of Georgia	Ice Storm	Less than 150	30,689	1/27/04, 8:00 p.m.
1/26/04	Progress Energy - Carolinas (Carolina Power and Light) (SERC)	4:00 p.m.	Central and Eastern North Carolina and Northern and Eastern South Carolina	Ice Storm	475	9,905	1/29/04, 6:30 a.m.
1/28/04	Baltimore Gas & Electric Company (MAAC)	1:09 p.m.	Harford County, Maryland	Ice Storm	Approx. 300	Approx. 70,000	1/29/04, 5:00 a.m.
<b>February</b>							
2/05/04	Allegheny Power (MAAC)	8:00 p.m.	Maryland, Southeastern West Virginia, Northern Virginia, Northern Pennsylvania and South Central Pennsylvania	Ice Storm	60	87,456	2/09/04, 8:00 p.m.
2/14/04	National Grid (Niagara Mohawk) (NPCC)	8:00 p.m.	Lake Colby, Lake Placid, Tupper Lake	Public Appeal to Reduce Load	Approx. 30	18,600	2/16/04, 12 noon
2/17/04	Crockett Cogeneration (WECC)	2:25 p.m.	San Francisco Bay area, California	Lightning struck Intertie Breaker	220	PG&E	2/17/04, 11:57 p.m.
2/25/04	Pacific Gas and Electric Company (WECC)	12:01 a.m.	Northern California	Winter Storm	240	505,000	2/26/04, 10:00 a.m.
2/26/04	Southern Company (SERC)	12:00 a.m.	Georgia	Severe Storm	10	47,165	2/26/04, 1:30 a.m.
<b>March</b>							
3/04/04	Electric Reliability Council of Texas (ERCOT)	5:00 a.m.	North Texas	High Winds - Severe Storm	Less than 300	63,000	3/16/04, 2:45 p.m.
3/07/04	Duke Energy Company/Duke Power Control Area (SERC)	6:30 p.m.	North and South Carolina	Severe Storm	1,000	206,000	3/09/04, 8:00 a.m.
3/08/04	Southern California Edison (WECC)	6:22 p.m.	Southern California not including LA	Inadequate Resources	300	Approx. 70,000	3/08/04, 6:55 p.m.
3/17/04	El Paso Electric Company (WECC)	1:27 p.m.	El Paso, Texas	Faulty Switch	Approx. 300	Approx. 100,000	3/17/04, 2:06 p.m.
<b>April</b>							
4/10/04	CenterPoint Energy (ERCOT)	8:00 p.m.	Houston, Texas and surrounding suburban areas	Thunderstorms	Approx. 100	85,000 at peak	4/11/04, 4:00 p.m.
4/12/04	Florida Power & Light (FRCC)	5:30 a.m.	FPL's service territory mostly in Naples and Ft. Myers Florida	Storm with High Winds	250	179,000	4/12/04, 10:15 a.m.
4/27/04	Snohomish County PUD 1 (WECC)	12:35 p.m.	Snohomish County Washington	Strong Winds	Approx. 300	187,000	4/30/04, 12:00 p.m.
<b>May</b>							
5/03/04	Southern California Edison (WECC)	2:30 p.m.	Central and Southern California	Heat Storm	662	Approx. 940	5/03/04, 7:00 p.m.
5/11/04	CenterPoint Energy (ERCOT)	3:30 p.m.	Houston, Texas and surrounding suburban areas	Strong Thunderstorms	Approx. 85	62,500 at peak	5/11/04, 6:00 p.m.
5/21/04	Ohio Edison (ECAR)	2:00 a.m.	Akron and Youngstown areas	Severe Thunderstorms	133 on 5/21/04 between 3:00 a.m. and 4:00 a.m., 392 on 5/21/04 between 4:00 p.m. and 5:00 p.m.	281,000	5/24/04, 12:00 a.m.
5/21/04	Cleveland Electric Illuminating Company (ECAR)	2:00 a.m.	Cleveland area	Severe Thunderstorms	177 on 5/21/04 between 3:00 p.m. and 5:00 p.m.	127,000	5/24/04, 12:00 a.m.
5/21/04	Allegheny Power (MAAC)	5:30 a.m.	Western Pennsylvania, Northern West Virginia, Western Maryland, Northern Virginia	High Winds and Heavy Rains	60 at peak, total 162	94,366 at peak, total 225,353	5/25/04, 12:00 a.m.

**Table B.1. Major Disturbances and Unusual Occurrences, 2004 (Continued)**

Date	Utility/Power Pool (NERC Region)	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected <sup>1</sup>	Restoration Date/Time
5/21/04	American Electric Power (ECAR)	11:00 a.m.	Northern and Southern Michigan, AEP Fort Wayne/Michigan Region, Buchanan, Elkhart, New Buffalo, South Bend, St. Joseph, Three Rivers areas	Severe Thunderstorms	303	122,600	5/26/04, 9:00 p.m.
5/21/04	Consumers Energy (ECAR)	1:00 p.m.	Lower peninsula of Michigan following cities: Grand Rapids, Kalamazoo, Battle Creek, Jackson, Bronson, Jonesville, Flint	Severe Thunderstorms	200	248,209	5/25/04, 12:00 p.m.
5/21/04	Detroit Edison (ECAR)	4:00 p.m.	Southeast Michigan	Severe Thunderstorms	630	Greater than 250,000	5/24/04, 8:00 p.m.
5/28/04	Seminole Electric Cooperative (FRCC)	12:00 p.m.	Florida counties of Gadsden, Wakulla, Leon, and Liberty	Public Appeals	0	0	5/31/04, 12:00 a.m.
5/28/04	City of Tallahassee (FRCC)	12:00 p.m.	Florida counties of Gadsden, Wakulla, Leon, and Liberty	Public Appeals	0	0	5/31/04, 12:00 a.m.
5/28/04	Progress Energy Florida (FRCC)	12:00 p.m.	Florida counties of Gadsden, Wakulla, Leon, and Liberty	Public Appeals	0	0	5/31/04, 12:00 a.m.

<sup>1</sup> = Estimated Values.

Note: North American Electric Reliability Council region acronyms are defined in the glossary.

Source: Form EIA-417, "Electric Emergency Incident and Disturbance Report."

**Table B.2. Major Disturbances and Unusual Occurrences, 2003**

Date	Utility/Power Pool (NERC Region)	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected <sup>1</sup>	Restoration Date/Time
<b>January</b>							
1/25/03	Cinergy Corporation (ECAR)	2:00 p.m.	Cincinnati, Ohio	Cyber Threat From Internet	NA	NA	1/26/03, 2:00 a.m.
<b>February</b>							
2/27/03	Duke Energy Corporation (SERC)	11:32 a.m.	Piedmont, North Carolina	Winter Ice Storm	1,000	over 340,000	3/01/03, 8:00 a.m.
<b>March</b>							
None							
<b>April</b>							
4/03/03	Consumers Energy (ECAR)	7:00 p.m.	Lower Michigan Peninsula	Ice Storm	300	425,000	4/06/03, 5:00 p.m.
4/04/03	Niagara Mohawk Power Corporation (NPCC)	3:11 a.m.	New York, Upstate New York	Severe Storm	200-250	160,000	4/05/03, 2:00 p.m.
4/15/03	Bryan Texas Utilities (ERCOT)	11:00 a.m.	Cities of Bryan, College Station and surrounding areas	Relaying Malfunction	212	68,530	4/15/03, 2:06 p.m.
4/28/03	American Transmission Company (MAIN)	3:41 p.m.	County of Waukesha, Wisconsin, Town of Lisbon, Wisconsin	Vandalism	0	0	4/29/03, 12:00 noon
<b>May</b>							
5/02/03	Duke Energy Company/ Duke Power Control Area (SERC)	5:00 p.m.	Piedmont, North and South Carolina	Severe Thunderstorms	1,500	139,000	5/04/03, 12:00 noon
5/02/03	Southern Company (SERC)	8:00 p.m.	Central Georgia, Alabama	Severe Thunderstorms	130	102,842 (Georgia) 12,897 (Alabama)	5/03/03, 8:00 a.m.
5/15/03	Center Point Energy (ERCOT)	2:52 a.m.	North Texas	Interruption of Firm Power	476	192,000	5/15/03, 3:29 a.m.
5/15/03	We Energies (MAIN)	2:00 p.m.	Upper Michigan Peninsula	Flood	240	2	6/16/03, 2:00 p.m.
<b>June</b>							
6/15/03	Idaho Power Company Control Area (WECC)	3:12 p.m.	Idaho	Public Appeal	0	0	6/16/03, 5:00 p.m.
6/30/03	Entergy Corporation (SPP)	1:00 p.m.	Coastal areas of Southwest Louisiana entire New Orleans metropolitan area	Tropical Storm Bill	NA	179,299	6/30/03, 12:00 a.m.
<b>July</b>							
7/01/03	Arizona Public Service Company (WECC)	3:15 p.m.	Phoenix, Arizona	Breaker Failure	1,000	47,000	7/01/03, 3:50 p.m.
7/02/03	Pacific Gas and Electric Company (WECC)	1:54 p.m.	Northern California	Unit Tripped	200	1	7/02/03, 3:59 p.m.
7/04/03	We Energies (MAIN)	6:00 a.m.	Southeast Wisconsin	Severe Thunderstorms	150	52,000	7/04/03, 10:00 a.m.
7/04/03	Consumers Energy (ECAR)	9:00 a.m.	Lower Michigan Peninsula	Severe Thunderstorms	75-90	131,000	7/06/03, 4:00 p.m.
7/04/03	Cinergy (ECAR)	11:41 p.m.	Southwest Ohio, portions of Indiana	Severe Storms	200	55,142	7/06/03, 9:00 p.m.
7/05/03	Com Ed (MAIN)	3:00 a.m.	Northern Illinois	Severe Storms	80	130,000	7/05/03, 7:00 a.m.
7/07/03	Com Ed (MAIN)	9:00 a.m.	Northern Illinois	Severe Thunderstorms	NA	72,000	7/07/03, 3:00 p.m.
7/08/03	American Electric Power (ECAR)	4:00 a.m.	Ohio	Severe Thunderstorms	11,000	134,500	7/11/03, 4:00 p.m.
7/09/03	Dominion Virginia/North Carolina Power (SERC)	5:14 p.m.	Northern Central and Eastern Virginia	Severe Thunderstorms	120	80,000	7/09/03, 7:09 p.m.
7/15/03	American Electric Power-Texas Central Company (ERCOT)	8:24 a.m.	Texas	Hurricane Claudette	230-300	108,000	7/21/03, 10:30 a.m.
7/21/03	PPL Electric Utilities (MAAC)	5:15 p.m.	Pennsylvania	Severe Storms	500-1000	185,000	7/24/03, 5:33 a.m.
7/28/03	Arizona Public Service (WECC)	6:55 p.m.	Arizona	Breaker Closed	440	90,000	7/28/03, 8:35 p.m.

**Table B.2. Major Disturbances and Unusual Occurrences, 2003**  
(Continued)

Date	Utility/Power Pool (NERC Region)	Time	Area	Type of Disturbance	Loss (megawatts)	Number of Customers Affected <sup>1</sup>	Restoration Time
<b>August</b>							
8/14/03	Midwest Independent System Operator (ECAR)	Approximately 3:00 p.m.	Geographic areas for MISO Reliability Coordination footprint: Michigan and Ohio	Unknown *	Approx. 18,500 MW, in MISO area: First Energy 7,500 Detroit Edison 9,200 Consumers Energy 1,800	NA	Approximately 8/17/03, 5:00 p.m.
8/14/03	Detroit Edison (ECAR)	4:09 p.m.	Southeastern Michigan including all of Detroit	Unknown *	11,000	2,100,000	8/16/03, 7:00 a.m.
8/14/03	Consumers Power (ECAR)	4:09 p.m.	Southern Lower Michigan and small areas near Flint, Alma, Saginaw, and Lansing Michigan	Unknown *	1,007	101,000	8/16/03, 1:03 p.m.
8/14/03	First Energy Corporation (ECAR)	4:10 p.m.	Northeast, Ohio	Unknown *	7,000	1,203,000	8/16/03, 8:27 p.m.
8/14/03	ISO New England (NPCC)	4:10 p.m.	Southwestern Connecticut and a small portion of Western Massachusetts and Vermont	Unknown *	2,500	NA	8/16/03, 3:45 a.m. Restoration ended; 8/17/03, 7:00 p.m., incident ended
8/14/03	New York Independent System Operator (NPCC)	4:10 p.m.	New York State	Unknown *	22,934	unknown	8/18/03, 12:03 a.m.
8/14/03	Niagara Mohawk (NPCC)	4:10 p.m.	New York- Buffalo to Albany; Ontario, Canada to Pennsylvania	Unknown *	NA	840,137	8/14/03, 11:48 p.m.
8/14/03	PJM Interconnection, LLC (MAAC)	4:10 p.m.	Northern New Jersey Erie, Pennsylvania area	Unknown *	4,100 MW (Northern NJ) and 400 MW, (Erie, PA) area	NA	Approximately 8/15/03, 6:00 a.m.
8/14/03	Consolidated Edison Co of New York (NPCC)	4:11 p.m.	Entire Con Edison System (five boroughs of NYC and Westchester County)	Unknown *	11,202	3,125,350	8/15/03, 9:03 p.m.
8/26/03	Baltimore Gas and Electric (MAAC)	4:00 p.m.	Maryland: Anne Arundel County, Baltimore County, Calvert County, Carroll County, Howard County, Montgomery County, Prince George's and Baltimore City.	Severe Thunderstorms	625	93,000 at peak 133,000 cumulative	8/29/03, 12:00 noon
8/26/03	Potomac Electric Power Company (Pepco) (MAAC)	4:22 p.m.	Washington, D.C., Montgomery County, Prince Georges County, Maryland	Severe Thunderstorms	1,500	153,000	8/31/03, 6:00 p.m.
<b>September</b>							
9/07/03	American Transmission Company, LLC (MAIN)	5:19 a.m.	Upper Michigan Peninsula	Transmission Equipment	310	4 (industrial)	9/07/03, 6:00 p.m.
9/18/03	Dominion-Virginia Power/ North Carolina Power (SERC)	8:20 a.m.	North Eastern North Carolina, Eastern Central, and Northern Virginia	Hurricane Isabel	6,512	1.8 million	9/29/03, 10:42 p.m.
9/18/03	Carolina Power and Light (SERC)	11:45 a.m.	Eastern North Carolina	Hurricane Isabel	peak 1655	peak 320,00 9/18/03 7:00 p.m.	9/18/03, 12:00 midnight
9/18/03	Baltimore Gas and Electric (MAAC)	12:00 noon	Central Maryland (Baltimore City, Baltimore County, Anne Arundel County, Hartford County, Montgomery County, Calvert County, Prince George's County, Carroll County and Howard County)	Hurricane Isabel	2,000	650,000	9/26/03, 10:50 p.m.
9/18/03	Allegheny Power (MAAC)	2:00 p.m.	Maryland, West Virginia, Virginia and Pennsylvania	Hurricane Isabel	3,085	237,366	9/24/03, 12:00 midnight
9/18/03	Duke Energy Company/Duke Power Control Area (SERC)	3:32 p.m.	Triangle and Tridad (Greensboro – High Point) Areas North Carolina - Northern Region	Hurricane Isabel	500-700	Under 50,000	9/19/03, 5:00 p.m.

**Table B.2. Major Disturbances and Unusual Occurrences, 2003**  
(Continued)

Date	Utility/Power Pool (NERC Region)	Time	Area	Type of Disturbance	Loss (megawatts)	Number of Customers Affected <sup>1</sup>	Restoration Time
9/18/03	Potomac Electric Power Company (Pepco) (MAAC)	4:20 p.m.	District of Columbia, Montgomery and Prince George's Counties, Maryland	Hurricane Isabel	NA	Over 530,000 peak on 9/19/03	9/28/03, 6:00 p.m.
9/18/03	PPL Electric Utilities (MAAC)	9:00 p.m.	All PPL including: Williamsport, Harrisburg, Lancaster, Scranton and Allentown areas	Hurricane Isabel	1,300	425,000	9/21/03, 5:00 p.m.
<b>October</b>							
10/26/03	San Diego Gas and Electric Company (WECC)	1:44 a.m.	San Diego County, California	Wild Fire	N/A	108,000 (Dist. And Trans. Combined)	11/18/03, 10:54 a.m. (Trans. Only)
<b>November</b>							
11/05/03	PJM Interconnection (MAAC)	3:16 p.m.	Maryland/Virginia border	Tornado	350	1	11/05/03, 3:54 p.m.
11/12/03	Consumers Energy (ECAR)	5:00 p.m.	Lower Michigan Peninsula	Wind Storm	75-90	245,000	11/16/03, 6:00 p.m.
11/12/03	Com Ed (MAIN)	5:00 p.m.	Northern Illinois	High Winds	Est. 371.1	51,000	11/12/03, 7:00 p.m.
11/12/03	DTE Energy (ECAR)	6:00 p.m.	Southeastern Michigan	Storm with High Winds	Est. 75	160,000	11/16/03, 5:00 p.m.
11/13/03	Baltimore Gas and Electric (MAAC)	6:00 a.m.	Central Maryland (Baltimore City, Baltimore County, Anne Arundel County, Harford County, Montgomery County, Calvert County, Prince George's County, Carroll County and Howard County)	High Winds	375	110,000	11/16/03, 4:00 p.m.
11/13/03	Niagara Mohawk (NPCC)	7:30 a.m.	New York	Storm with High Winds	Approx. 180	50,280	11/14/03, 6:30 a.m.
11/13/03	Potomac Electric Power Company (Pepco) (MAAC)	11:00 a.m.	Washington, D.C., Montgomery County, Prince Georges County, Md	Major Wind Storm	Est. 400	104,195 at 5:23 p.m. 11/13/03	11/14/03, 7:30 a.m.
11/13/03	Dominion-Virginia Power/ North Carolina Power (SERC)	1:40 p.m.	Northern Virginia, Richmond area, Eastern Virginia	Wind Storm	300	67,000	11/13/03, 3:51 p.m.
<b>December</b>							
12/01/03	REMVEC (NPCC)	6:16 p.m.	Cape Cod and part of SE Massachusetts	Wild Fire – Transmission Equipment	630	300,000	12/01/03, 8:11 p.m.
12/04/03	Puget Sound Energy (WECC)	7:00 a.m.	Eastern portions of King County and Pierce County	High Winds	175	200,000 (Peak)	12/08/03, 7:00 a.m.
12/04/03	American Transmission Company, LLC (MAIN)	10:34 p.m.	Northeast Wisconsin and Central/Western Upper Peninsula of Michigan	Fault on 138 KV line	650	6 (utilities)	12/07/03, 8:30 a.m.
12/04/03	Wisconsin Electric Power Company (MAIN)	10:15 p.m.	Upper Peninsula of Michigan and Northeastern Wisconsin	Fault on 138 KV line	500	36,000	12/08/03, 8:30 a.m.
12/05/03	City of Homestead (FRCC)	4:49 a.m.	State of Florida - Dade County	Transmission Equipment	27	16,500	12/05/03, 6:25 a.m.
12/05/03	Upper Peninsula Power Company (MAIN)	7:00 a.m.	Northeast Wisconsin and Central/Western Upper Peninsula of Michigan	Transmission Equipment	14	2	12/05/03, 8:00 p.m.
12/20/03	Pacific Gas and Electric (WECC)	3:51 p.m.	San Francisco, California	Cable Failure	150	120,000	12/21/03, 11:45 p.m.
12/22/03	Pacific Gas and Electric (WECC)	11:15 a.m.	Central California Coast	Earthquake	220	109,750	12/22/03, 11:16 a.m.
12/28/03	Pacific Gas and Electric (WECC)	9:00 p.m.	Northern California	Winter Storm	160	241,000	1/01/04, 11:30 a.m.

<sup>1</sup> = Estimated Values.

\* Information as provided by the respondent. The occurrence is, however, associated with the massive blackout of August 14, 2003. For further information, refer to the *Interim Report: Causes of the August 14 Blackout in the United States and Canada, November 2003* at <http://www.energy.gov/engine/content.do>.

Note: North American Electric Reliability Council region acronyms are defined in the glossary.

Source: Form EIA-417, "Electric Emergency Incident and Disturbance Report."

## Appendix C

# Technical Notes

The Energy Information Administration (EIA) has comprehensively reviewed and revised how it collects, estimates, and reports fuel use for facilities producing electricity. Appendix B provides detail on these changes and describes the reasoning behind the changes and their effects on EIA forms and publications. Following is a description of the ongoing data quality efforts and sources of data for the *Electric Power Monthly*.

### Data Quality

The *Electric Power Monthly (EPM)* is prepared by the Electric Power Division, Office of Coal, Nuclear, Electric and Alternate Fuels (CNEAF), Energy Information Administration (EIA), U.S. Department of Energy. Quality statistics begin with the collection of the correct data. To assure this, CNEAF performs routine reviews of the data collected and the forms on which it is collected. Additionally, to assure that the data is collected from the correct parties, CNEAF routinely reviews the frames for each data collection.

Automatic, computerized verification of keyed input, review by subject matter specialists, and follow-up with non-respondents assure quality statistics. To ensure the quality standards established by the EIA, formulas that use the past history of data values in the database have been designed and implemented to check data input for errors automatically. Data values that fall outside the ranges prescribed in the formulas are verified by telephoning respondents to resolve any discrepancies. All survey non-respondents are identified and contacted.

### Reliability of Data

There are two types of errors possible in an estimate based on a sample survey: sampling and nonsampling. Sampling errors occur because observations are made only on a sample, not on the entire population. Non-sampling errors can be attributed to many sources in the collection and processing of data. The accuracy of survey results is determined by the joint effects of sampling and nonsampling errors. Monthly sample survey data have both sampling and nonsampling error. The annual series for a monthly sample is not subject to sampling error because it is a census.

Nonsampling errors can be attributed to many sources: (1) inability to obtain complete information about all cases in the sample (i.e., nonresponse); (2) response errors; (3) definitional difficulties; (4) differences in the interpretation of questions; (5) mistakes in recording or coding the data obtained; and (6) other errors of collection, response, coverage, and estimation for missing data.

Although no direct measurement of the biases due to nonsampling errors can be obtained, precautionary steps were taken in all phases of the frame development and data collection, processing, and tabulation processes, in an effort to minimize their influence. See the Data Processing and Data System Editing section for each EIA Form for an in depth discussion of how the sampling and nonsampling errors are handled in each case.

### Data Revision Procedure

CNEAF has adopted the following policy with respect to the revision and correction of recurrent data in energy publications:

1. Annual survey data collected by CNEAF are published either as preliminary or final when first appearing in a data report. Data initially released as preliminary will be so noted in the report. These data will be revised, if necessary, and declared final in the next publication of the data.
2. All monthly and quarterly survey data collected by this office are published as preliminary. These data are typically revised only after the completion of the 12-month cycle of the data. No revisions are made to the published data before this unless major errors are discovered that may affect the national total.
3. The magnitudes of changes due to revisions experienced in the past will be included in the data reports, so that the reader can assess the accuracy of the data.
4. After data are published as final, corrections will be made only in the event of a difference of one percent or greater at the national level. Corrections for differences that are less than the one percent or greater threshold are left to the discretion of the Office Director.

In accordance with policy statement number 3, above, the mean value (unweighted average) for the absolute values of the 12 monthly revisions of each item are provided at the U.S. level for the years 1995 through 1999 (Table C2). For example, the mean of the 12 monthly absolute errors (absolute differences between preliminary and final monthly data) for utility coal-fired generation in 1999 was 288. That is, on average, the absolute value of the change made each month to utility coal-fired generation was 288 million kilowatthours.

## Data Sources For Electric Power Monthly

Data published in the *Electric Power Monthly (EPM)* are compiled from the following sources: FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report," Form EIA-826, "Monthly Electric Utility Sales and Revenues with State Distributions Report," Form EIA-860, "Annual Electric Generator Report," Form EIA-861, "Annual Electric Power Industry Report," Form EIA-906, "Power Plant Report, and Form EIA-920, "Combined Heat and Power Plant Report".

In addition to the above-named forms, the historical data published in the *EPM* are compiled from the following sources: Form EIA-759, "Monthly Power Plant Report," Form EIA-860A, "Annual Electric Generator Report–Utility," Form EIA-860B, "Annual Electric Generator Report–Nonutility," and Form EIA-900, "Monthly Nonutility Power Report." A brief description of each of these forms can be found on the EIA website on the Internet with the following URL:  
<http://tonto.eia.doe.gov/FTP/ROOT/electricity/epatech.pdf>.

**Rounding Rules for Data.** Given a number with  $r$  digits to the left of the decimal and  $d+t$  digits in the fraction part, with  $d$  being the place to which the number is to be rounded and  $t$  being the remaining digits which will be truncated, this number is rounded to  $r+d$  digits by adding 5 to the  $(r+d+1)$ th digit when the number is positive or by subtracting 5 when the number is negative. The  $t$  digits are then truncated at the  $(r+d+1)$ th digit. The symbol for a number rounded to zero is (\*).

**Percent Difference.** The following formula is used to calculate percent differences.

$$\text{Percent Difference} = \left( \frac{x(t_2) - x(t_1)}{|x(t_1)|} \right) \times 100,$$

where  $x(t_1)$  and  $x(t_2)$  denote the quantity at year  $t_1$  and subsequent year  $t_2$ .

### Form EIA-423

As of January 2002, the EIA began collecting data on the cost and quality of fuel associated with the production of electricity by unregulated generating plants. Similar to the Federal Energy Regulatory Commission (FERC) Form 423, the EIA-423 collects data from approximately 750

unregulated generating plants that have a fossil-fired generating nameplate capacity of 50 or more megawatts. The cutoff threshold sample includes independent power producers (including those facilities that formerly reported on the FERC Form 423), and commercial and industrial combined heat and power producers.

**Formulas and Methodologies.** Data for the Form EIA-423 are collected at the plant level. These data are then used in the following formulas to produce aggregates and averages for each fuel type at the State, Census division, and U.S. levels. For these formulas, receipts and average heat content are at the plant level. For each geographic region, the summation sign,  $\sum$ , represents the sum of all facilities in that geographic region.

For coal, units for receipts are in tons, units for average heat content ( $A$ ) are in million Btu per ton.

For petroleum, units for receipts are in barrels, units for average heat content ( $A$ ) are in million Btu per barrel.

For gas, units for receipts are in thousand cubic feet (Mcf), average heat content ( $A$ ) are in million Btu per thousand cubic foot.

For fuel receipts ( $R$ ), the following holds true:

$$\text{Total Btu} = \sum_i (R_i \times A_i),$$

where  $i$  denotes a facility;  $R_i$  = receipts for facility  $i$ ;  $A_i$  = average heat content for receipts at facility  $i$ ;

$$\text{Weighted Average Btu} = \frac{\sum_i (R_i \times A_i)}{\sum_i R_i},$$

where  $i$  denotes a facility;  $R_i$  = receipts for facility  $i$ ; and,  $A_i$  = average heat content for receipts at facility  $i$ .

The weighted average cost in cents per million Btu is calculated using the following formula:

$$\text{Weighted Average Cost} = \frac{\sum_i (R_i \times A_i \times C_i)}{\sum_i (R_i \times A_i)},$$

where  $i$  denotes a facility;  $R_i$  = receipts for facility  $i$ ;  $A_i$  average heat content for receipts at facility  $i$ ; and  $C_i$  = cost in cents per million Btu for facility  $i$ .

The weighted average cost in dollars per unit (i.e., tons, barrels, or Mcf) is calculated using the following formula:

$$\text{Weighted Average Cost} = \frac{\sum_i (R_i \times A_i \times C_i)}{10^2 \sum_i R_i},$$

where  $i$  denotes a facility;  $R_i$  = receipts for facility  $i$ ;  
 $A_i$  = average heat content for receipts at facility  $i$ ;  
and,  $C_i$  = cost in cents per million Btu for facility  $i$ .

**Confidentiality of the Data.** Plant fuel cost data collected on the survey are considered confidential and will not be made available to the public. State and national level aggregations will be published in this report if sufficient data are available to avoid disclosure of individual company and plant level costs.

## FERC Form 423

The FERC Form 423 is a monthly record of delivered-fuel purchases, submitted by approximately 200 respondents for each regulated electric generating plant with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

On July 7, 1972, the FPC issued Order Number 453 enacting the New Code of Federal Regulations, Section 141.61, legally creating the FPC Form 423. Originally, the form was used to collect data from fossil-steam plants, but was amended in 1974 to include data on internal combustion and combustion turbines. When the FERC Form 423 replaced the FPC Form 423 in January 1983, peaking units were eliminated from the form and the generator nameplate capacity threshold was changed from 25 megawatts to 50 megawatts. This reduction in coverage eliminated approximately 50 utilities and 250 plants. Historical FPC Form 423 data in this publication were revised to reflect the new generator nameplate capacity threshold of 50 or more megawatts. In January 1991, the collection of data on the FERC Form 423 was extended to include combined-cycle units. Historical data have not been revised to include these units. Starting with the January 1993 data, the FERC began to collect the data directly from the respondents.

**Formulas and Methodologies.** Data for the FERC Form 423 are collected at the plant level. These data are then used in the same formulas shown under the "Formulas and Methodologies" section for the Form EIA-423 to produce aggregates and averages for each fuel type at the State, Census division, and U.S. levels.

**Confidentiality of the Data.** Data collected on FERC Form 423 are not considered to be confidential.

## Form EIA-826

The Form EIA-826 is a monthly collection of data from approximately 450 of the largest electric utilities (primarily investor-owned and publicly owned) as well as a census of energy service providers with retail sales in deregulated States. A model is then applied to the collected data to estimate for the entire universe of U.S. electric utilities.

The collection of electric power sales data and related information began in the early 1940's and was established as FPC Form 5 by FPC Order 141 in 1947. In 1980, the report was revised with only selected income items remaining and became the FERC Form 5. The Form EIA-826, "Electric Utility Company Monthly Statement," replaced the FERC Form 5 in January 1983. In January 1987, the "Electric Utility Company Monthly Statement" was changed to the "Monthly Electric Utility Sales and Revenue Report with State Distributions." The title was changed again in January 2002 to "Monthly Electric Utility Sales and Revenues with State Distributions Report" to become consistent with other EIA report titles. The Form EIA-826 was revised in January 1990, and some data elements were eliminated.

In 1993, EIA for the first time used a model sample for the Form EIA-826. A stratified-random sample, employing auxiliary data, was used for each of the four previous years.<sup>1 2 3</sup> (See previous issues of this publication for details.) The sample for the Form EIA-826 was designed to obtain estimates of electricity sales and average retail price of electricity at the State level by end-use sector.

Starting with data for January 2001, the restructuring of the electric power industry was taken into account by forming three schedules on the EIA-826 form. Schedule 1, Part A is for full service utilities that operate as in the past. Schedule 1, Part B is for electric service providers

<sup>1</sup> Knaub, J.R., Jr. (1989), "Ratio Estimation and Approximate Optimum Stratification in Electric Power Surveys," *Proceedings of the Section on Survey Research Methods, American Statistical Association*, pp. 848-853.

<sup>2</sup> Knaub, J.R., Jr. (1993), "Alternative to the Iterated Reweighted Least Squares Method: Apparent Heteroscedasticity and Linear Regression Model Sampling," *Proceedings of the International Conference on Establishment Surveys, American Statistical Association*, pp. 520-525.

<sup>3</sup> Knaub, J.R., Jr. (1994), "Relative Standard Error for a Ratio of Variables at an Aggregate Level Under Model Sampling," *Proceedings of the Section on Survey Research Methods, American Statistical Association*, pp. 310-312.

only, and Schedule 1, Part C is for those utilities providing distribution service for those on Schedule 1, Part B. Also, the Form EIA-826 frame was modified to include all investor-owned electric utilities and a sample of companies from other ownership classes. A new method of estimation was implemented at this same time. (See *EPM* April 2001, p.1.)

**Data Processing and Data System Editing.** The forms are mailed each year to the electric utilities with State-parts selected in the sample. The completed form is to be returned to the EIA by the last calendar day of the month following the reporting month. Nonrespondents are telephoned to obtain the data. Imputation, in model sampling, is an implicit part of the estimation. That is, data that are unavailable, either because respondents were not part of the sample or because of nonresponse, are estimated using a model. The data are edited and entered into the computer where additional checks are completed. After all forms have been received from the respondents, the final automated edit is submitted. Following verification, tables and text of the aggregated data are produced for inclusion in the *EPM*.

**Formulas and Methodologies.** The Form EIA-826 data are collected at the entity level by end-use sector (residential, commercial, industrial, and transportation) and State. Form EIA-861 data were used as the frame from which the sample was selected and also as regressor data. Updates have been made to the frame to reflect mergers that affect data processing.

Through the year 2002, both the Form EIA-826 and the Form EIA-861 had slightly different definitions of the industrial and commercial economic end-use sectors than in 2004 for the Form EIA-826 and 2003 for the Form EIA-861. Also, they did not have a sector just for transportation, but did have an economic end-use sector labeled "other." With the new definitions for the commercial and industrial sectors, and the newly defined transportation sector, all responses that would formerly have been reported under the "other" sector are now to be reported under one of the sectors that currently exists. This means there is probably a lower correlation, in general, between, say, commercial Form EIA-826 data for 2004 and commercial Form EIA-861 data for 2003 than there was between commercial Form EIA-826 data for 2003 and commercial Form EIA-861 data for 2002 or earlier years, although commercial and industrial definitions have always been somewhat nebulous due to power companies not having complete information on all customers.

The new transportation end-use sector will not likely be well-known until after several years of the annual Form EIA-861 census data have been collected which include

that sector. Only the first such census is currently being collected. Thus, we are not certain which respondents in the (Form EIA-861) universe will have transportation responses. The National Transportation Database (NTD) is available for several years, and gives us a point of comparison, but data for Amtrak are not included in the NTD, and that should be a relatively large contribution to the transportation sector totals for sales and for revenue. Data submitted for January 2004 represent the first time respondents were to consider the transportation end-use sector. Therefore, the quality of the information is still being evaluated.

Data from the Form EIA-826 are used to determine estimates by sector at the State, Census Division, and national level for the entire corresponding State, Census Division, or national category. State level sales and revenues estimates are calculated. A ratio estimation procedure (retail price of electricity) is used for estimation of average retail price of electricity at the State level. The estimates are accumulated separately to produce the Census Division and U.S. level estimates.<sup>4</sup>

Some electric utilities provide service in more than one State. Thus, the State-service area is actually the sampling unit. For each State served by each utility, there is a utility State-part, or "State-service area." This approach allows for an explicit calculation of estimates for sales, revenue, and average retail price of electricity (formerly known as average revenue per kilowatthour) by end-use sector at State, Census division, and national level. Estimation procedures include imputation to account for nonresponse. Nonsampling error must also be considered. The nonsampling error is not estimated directly, although attempts are made to minimize the nonsampling error.<sup>4 5 6</sup>

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<sup>4</sup> Knaub, J.R., Jr. (2000), "Using Prediction-Oriented Software for Survey Estimation - Part II: Ratios of Totals," *InterStat*, June 2000, <http://interstat.stat.vt.edu/InterStat/>. (Note shorter, more recent version in ASA Survey Research Methods Section proceedings, 2000.)

<sup>5</sup> Knaub, J.R., Jr. (1999), "Using Prediction-Oriented Software for Survey Estimation," *InterStat*, August 1999, <http://interstat.stat.vt.edu/InterStat/>, partially covered in "Using Prediction-Oriented Software for Model-Based and Small Area Estimation," in ASA Survey Research Methods Section proceedings, 1999, and partially covered in "Using Prediction-Oriented Software for Estimation in the Presence of Nonresponse," presented at the International Conference on Survey Nonresponse, 1999.

<sup>6</sup> Knaub, J.R., Jr. (2001), "Using Prediction-Oriented Software for Survey Estimation - Part III: Full-Scale Study of Variance and Bias," *InterStat*, June 2001, <http://interstat.stat.vt.edu/InterStat/>. (Note shorter, more recent version in ASA Survey Research Methods Section proceedings, 2001.)

Average retail price of electricity represents the cost per unit of electricity sold and is calculated by dividing retail electric revenue by the corresponding sales of electricity. The average retail price of electricity is calculated for all consumers and for each end-use sector.

The electric revenue used to calculate the average retail price of electricity is the operating revenue reported by the electric utility. Operating revenue includes energy charges, demand charges, consumer service charges, environmental surcharges, fuel adjustments, and other miscellaneous charges. Electric utility operating revenues also include State and Federal income taxes and taxes other than income taxes paid by the utility.

The average retail price of electricity reported in this publication by sector represents a weighted average of consumer revenue and sales within sectors and across sectors for all consumers, and does not reflect the per kWh rate charged by the electric utility to the individual consumers. Electric utilities typically employ a number of rate schedules within a single sector. These alternative rate schedules reflect the varying consumption levels and patterns of consumers and their associated impact on the costs to the electric utility for providing electrical service.

**Relative Standard Error.** The relative standard error (RSE) statistic, usually given as a percent, describes the magnitude of sampling error that might reasonably be incurred. The RSE is the square root of the estimated variance, divided by the variable of interest. The variable of interest may be the ratio of two variables (for example, retail price of electricity), or a single variable (for example, sales).

The sampling error may be less than the nonsampling error. In fact, large RSE estimates found in preliminary work with these data have often indicated nonsampling errors, which were then identified and corrected.<sup>7</sup> Nonsampling errors may be attributed to many sources, including the response errors, definitional difficulties, differences in the interpretation of questions, mistakes in recording or coding data obtained, and other errors of collection, response, or coverage. These nonsampling errors also occur in complete censuses. In a complete census, this problem may become unmanageable. One indicator of the magnitude of possible nonsampling error may be gleaned by examining the history of revisions to data for a survey (Table C2).

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<sup>7</sup> Knaub, J.R., Jr. (2002), "Practical Methods for Electric Power Survey Data," InterStat, July 2002, <http://interstat.stat.vt.edu/InterStat/>.

Using the Central Limit Theorem, which applies to sums and means such as are applicable here, there is approximately a 68-percent chance that the true sampling error is less than the corresponding RSE. Note that reported RSEs are always estimates, themselves, and are usually, as here, reported as percents. As an example, suppose that a revenue-per-kilowatt-hour value is estimated to be 5.13 cents per kilowatt-hour with an estimated RSE of 1.6 percent. This means that, ignoring any nonsampling error, there is approximately a 68-percent chance that the true average retail price of electricity is within approximately 1.6 percent of 5.13 cents per kilowatt-hour (that is, between 5.05 and 5.21 cents per kilowatt-hour). There is approximately a 95-percent chance of a true sampling error being 2 RSEs or less.

Note that there are times when a model may not apply, such as in the case of a substantial reclassification of sales, when the relationship between the variable of interest and the regressor data does not hold. In such a case, the new information represents only itself, and such numbers are added to model results when estimating totals. Further, there are times when sample data may be known to be in error, or are not reported. Such cases are treated as if they were never part of the model-based sample, and values are imputed.

**Adjusting Monthly Data to Annual Data.** As a final adjustment based on our most complete data, use is made of final Form EIA-861 data, when available. The annual totals for Form EIA-826 data by State and end-use sector are compared to the corresponding Form EIA-861 values for sales and revenue. The ratio of these two values in each case is then used to adjust each corresponding monthly value.

**Confidentiality of the Data.** Most of the data collected on the Form EIA-826 are not considered confidential. However, revenue, sales, and customer data collected from energy service providers (Schedule 1, Part B), which do not also provide energy delivery, are considered confidential and must adhere to EIA's "Policy on the Disclosure of Individually Identifiable Energy Information in the Possession of the EIA" (45Federal Register 59812 (1980)).

## Form EIA-860

Beginning with data collected for the year 2001, the Forms EIA-860A and EIA-860B are obsolete. The infrastructure data collected on those forms are now collected on the Form EIA-860 and the monthly and annual versions of the Form EIA-906.

The Form EIA-860 is a mandatory census of all existing and planned electric generating facilities in the United States with a total generator nameplate capacity of 1 or more megawatts. The survey is used to collect data on existing power plants and 5-year plans for constructing new plants, generating unit additions, modifications, and retirements in existing plants. Data on the survey are collected at the generator unit level.

**Instrument and Design History.** The Form EIA-860 was originally implemented in January 1985 to collect data as of year-end 1984. In January 1999, the Form EIA-860 was renamed the Form EIA-860A and was implemented to collect data as of January 1, 1999.

In 1989, the Form EIA-867 was lowered to include all facilities with a combined nameplate capacity of 5 or more megawatts. In 1992, the reporting threshold of the Form EIA-867 was lowered to include all facilities with a combined nameplate capacity of 1 or more megawatts. Previously, data were collected every 3 years from facilities with a nameplate capacity between 1 and 5 megawatts. In 1998, the Form EIA-867, was renamed Form EIA-860B, "Annual Electric Generator report – Non-utility." The Form EIA-860B was a mandatory survey of all existing and planned nonutility electric generating facilities in the United States with a total generator nameplate capacity of 1 or more megawatts. In 1992, the reporting threshold of the Form EIA-867 was lowered to include all facilities with a combined nameplate capacity of 1 or more megawatts.

Beginning with data collected for the year 2001, the infrastructure data collected on the Form EIA-860A and the Form EIA-860B were combined into the new Form EIA-860 and the monthly and annual versions of the Form EIA-906. The Federal Energy Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

**Data Processing and Data System Editing.** Approximately 3,000 respondents are requested to provide data on the Form EIA-860 as of January 1 of the reporting year. Respondents have the option of filing Form EIA-860 directly with the EIA or through an agent, such as the respondent's regional electric reliability council. Data reported through the regional electric reliability councils are submitted to the EIA electronically from the North American Electric Reliability Council (NERC).

**Data for each respondent are preprinted.** Respondents are instructed to verify all preprinted data and to supply missing data. Computer programs containing edit checks are run to identify errors. Respondents are telephoned to obtain correction or clarification of reported data and to obtain missing data, as a result of the editing process.

**Confidentiality of the Data.** Most of the data collected on the Form EIA-860 are not considered confidential. However, plant latitudes and longitudes and tested heat rate data are considered confidential and must adhere to EIA's "Policy on the Disclosure of Individually Identifiable Energy Information in the Possession of the EIA" (45Federal Register 59812 (1980)).

## Form EIA-861

The Form EIA-861 is a mandatory census of electric power industry participants in the United States. The survey is used to collect information on power production and sales data from approximately 6,000 respondents. About 3,300 are electric utilities, and the remainder are nontraditional entities such as independent power producers, power marketers, and the unregulated subsidiaries of electric utilities. The data collected are used to maintain and update the EIA's electric power industry participant frame database.

**Instrument and Design History.** The Form EIA-861 was implemented in January 1985 for collection of data as of year-end 1984. The Federal Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

**Data Processing and Data System Editing.** The Form EIA-861 is mailed to the respondents in January of each year to collect data as of the end of the preceding calendar year. The data are edited when entered into the interactive on-line system. Internal edit checks are performed to verify that current data total across and between schedules, and are comparable to data reported the previous year. Edit checks are also performed to compare data reported on the Form EIA-861 and similar data reported on the Forms EIA-826 and the EIA-412, "Annual Electric Industry Financial Report." Respondents are telephoned to obtain clarification of reported data and to obtain missing data.

Data for the Form EIA-861 are collected at the owner level from all electric utilities including energy service providers in the United States, its territories, and Puerto Rico. Form EIA-861 data in this publication are for the United States only.

Average retail price of electricity represents the cost per unit of electricity sold and is calculated by dividing retail electric revenue by the corresponding sales of electricity. The average retail price of electricity is calculated for all consumers and for each end-use sector. A ratio estimation

procedure is used for estimation of retail price of electricity at the State level.

The electric revenue used to calculate the average retail price of electricity is the operating revenue reported by the electric power industry participant. Operating revenue includes energy charges, demand charges, consumer service charges, environmental surcharges, fuel adjustments, and other miscellaneous charges. Electric power industry participant operating revenues also include State and Federal income taxes and taxes other than income taxes paid by the utility.

The average retail price of electricity reported in this publication by sector represents a weighted average of consumer revenue and sales within sectors and across sectors for all consumers, and does not reflect the per kWh rate charged by the electric power industry participant to the individual consumers. Electric utilities typically employ a number of rate schedules within a single sector. These alternative rate schedules reflect the varying consumption levels and patterns of consumers and their associated impact on the costs to the electric power industry participant for providing electrical service.

**Confidentiality of the Data.** Data collected on the Form EIA-861 are not considered to be confidential.

## Form EIA-906

As of January 2001, Form EIA-906 superseded Forms EIA-759 and 900. The Form EIA-906 collects monthly plant-level data on generation, fuel consumption, stocks, and fuel heat content from electric utilities and nonutilities, excluding combined heat and power plants, from a model-based sample of approximately 260 electric utilities and 371 nonutilities.

**Instrument and Design History.** In January 2001, Form EIA-906 superseded Forms EIA-759 and EIA-900. The Federal Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

Relating to the Form EIA-759, the Bureau of Census and the U.S. Geological Survey collected, compiled and published data on the electric power industry prior to 1936. After 1936, the Federal Power Commission (FPC) assumed all data collection and publication responsibilities for the electric power industry and implemented the Form FPC-4. The Federal Power Act, Section 311 and 312, and FPC Order 141 define the legislative authority to collect power production data. The Form EIA-759 replaced the Form FPC-4 in January 1982.

In 1996, the Form EIA-900 was initiated to collect sales for resale data from unregulated entities. In 1998, the form

was modified to collect sales for resale, gross generation, and sales to end-user data. In 1999, the form was modified to collect net generation, consumption, and ending stock data. In 2000, the form was modified to include useful thermal output data.

In January 2004, collection of data for useful thermal output and combined heat and power plants were discontinued on Form EIA-906.

**Data Processing and Data System Editing.** In 2004 the Form EIA-906 data were generally received as electronic submissions that were directly entered into a computerized database. Anomalous data were identified via range checks, comparisons with historical data, and consistency checks (for example, whether the fuel consumption and generation numbers for a given facility and month are consistent). These edit checks were performed as the data were provided, and most problems that were encountered were resolved during the reporting process. Those plants that were unable to use the electronic reporting method provided the data in hard copy, typically via fax. These data were manually entered into the computerized database. The data were subjected to the same data edits as those data that were electronically submitted. Resolution of questionable responses was via telephone or email contact with the respondent.

The review of the Form EIA-906 filings for non-regulated facilities in 2001 uncovered widespread problems with the data reporting. The most prevalent problems were reported fuel consumption inconsistent with generation and, most significantly, incorrect reporting of useful thermal output (UTO) by combined heat and power (CHP) facilities. UTO is the thermal output from a CHP facility applied to a production process other than electricity generation. For information on how these data issues were resolved, see *EPM*, March 2004, page 107.

**Relative Standard Error.** The relative standard error (RSE) statistic, usually given as a percent, describes the magnitude of sampling error that might reasonably be incurred. The RSE is the square root of the estimated variance, divided by the variable of interest. The variable of interest may be the ratio of two variables, or a single variable. (See footnotes number 4, 5, and 6.)

The sampling error may be less than the nonsampling error. In fact, large RSE estimates found in preliminary work with these data have often indicated nonsampling errors, which were then identified and corrected. (See footnote number 7.) Nonsampling errors may be attributed to many sources, including the response errors, definitional difficulties, differences in the interpretation of questions, mistakes in recording or coding data obtained, and other errors of collection, response, or coverage.

These nonsampling errors also occur in complete censuses. In a complete census, this problem may become unmanageable.

Using the Central Limit Theorem, which applies to sums and means such as are applicable here, there is approximately a 68-percent chance that the true sampling error is less than the corresponding RSE. Note that reported RSEs are always estimates, themselves, and are usually, as here, reported as percents. As an example, suppose that a net generation from coal value is estimated to be 1,507 million kilowatthours with an estimated RSE of 4.9 percent. This means that, ignoring any nonsampling error, there is approximately a 68-percent chance that the true million kilowatthour value is within approximately 4.9 percent of 1,507 million kilowatthours (that is, between 1,433 and 1,581 million kilowatthours). There is approximately a 95-percent chance of a true sampling error being 2 RSEs or less.

Note that there are times when a model may not apply, such as in the case of a substantial reclassification of sales, when the relationship between the variable of interest and the regressor data does not hold. In such a case, the new information represents only itself, and such numbers are added to model results when estimating totals. Further, there are times when sample data may be known to be in error, or are not reported. Such cases are treated as if they were never part of the model-based sample, and values are imputed.

#### **Finalization of the Monthly Data and Annual Totals.**

The EIA-906 data is finalized once data has been collected from the annual respondents who are not part of the monthly sample. The data from annual responses that pass edit checks are proportioned to the months (by state, fuel and sector) using the ratio of the monthly data actually collected to the sum of that monthly data. In the case of annual facilities which are non-respondents, or whose data fails edit checks and have data problems that cannot be resolved, generation and consumption is imputed monthly. The sum of the revised monthly data are the final annual totals for each state, fuel and sector combination.

**Average Heat Content.** The average heat content values collected on the Form EIA-906 were used to convert the consumption data into Btu. Therefore, the results may not be completely representative.

**Confidentiality of the Data.** Most of the data collected on the Form EIA-906 are not considered confidential. However, the reported fuel stocks at the end of the reporting period are considered confidential and must adhere to EIA's "Policy on the Disclosure of Individually Identifiable Energy Information in the Possession of the EIA" (45Federal Register 59812 (1980)).

#### **Conversion of Petroleum Coke to Liquid Petroleum.**

The quantity conversion is 5 barrels (of 42 U.S. gallons each) per short ton (2,000 pounds). Coke from petroleum has a heating value of 6.024 million Btus.

#### **Form EIA-920**

As of January 2004, combined heat and power plants that formerly reported on the Form EIA-906 began reporting on Form EIA-920. The Form EIA-920 is used to collect monthly plant-level data on generation, fuel consumption, stocks, and fuel heat content of combined heat and power plants (CHP) from a model-based sample of approximately 300 combined heat and power plants. The form is also used to collect these statistics from the rest of the frame on an annual basis.

Prior to January 2004, fuel use for the production of electricity was imputed from the total fuel consumption reported by the facilities. Form EIA-920 collects data on both the total fuel consumed for all purposes by the combined heat and power facilities, and, separately, the fuel used to generate electricity.

**Instrument and Design History.** In January 2004, Form EIA-920 superseded Form EIA-906 for those plants defined as combined heat and power plants; all other plants that generate electricity continue to report on Form EIA-906. The Federal Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

In January 2001, Form EIA-906 superseded Forms EIA-759 and EIA-900. Relating to the Form EIA-759, the Bureau of Census and the U.S. Geological Survey collected, compiled and published data on the electric power industry prior to 1936. After 1936, the Federal Power Commission (FPC) assumed all data collection and publication responsibilities for the electric power industry and implemented the Form FPC-4. The Federal Power Act, Section 311 and 312, and FPC Order 141 define the legislative authority to collect power production data. The Form EIA-759 replaced the Form FPC-4 in January 1982.

In 1996, the Form EIA-900 was initiated to collect sales for resale data from unregulated entities. In 1998, the form was modified to collect sales for resale, gross generation, and sales to end-user data. In 1999, the form was modified to collect net generation, consumption, and ending stock data. In 2000, the form was further modified to include useful thermal output data. In January 2004, collection of useful thermal output data and data from combined heat and power plants was discontinued on Form EIA-906.

### Data Processing and Data System Editing.

Approximately one half of the responses to the Form EIA-920 in 2004 were received as electronic submissions. These submissions were directly entered into a computerized database. Anomalous data were identified via range checks, comparisons with historical data, and consistency checks (for example, whether the fuel consumption and generation numbers for a given facility and month are consistent). These edit checks were performed as the data were provided, and most problems that were encountered were resolved during the reporting process. Those plants that were unable to use the electronic reporting medium provided the data in hard copy, typically via fax. These data were manually entered into the computerized database. The data were subjected to the same edits as those that were electronically submitted. Resolution of questionable responses was done via telephone or email contact with the respondent.

Useful thermal output (UTO) is the thermal output from a CHP facility applied to a production process other than electricity generation. UTO was previously collected for combined heat and power plants on the Form EIA-906. However, UTO is no longer directly reported. The Form EIA-920 asks for total consumption (COT) and consumption for generation (COG) only by prime mover type (PMT) and energy source (ES). For monthly respondents who have provided their COT and COG values, UTO is derived conveniently from the difference  $UTO=COT-COG$ , all expressed in Btu's.

Whenever COG, UTO and COT are imputed, the following procedure is used:

$$COG_t = GEN_{i,t} * HTR_{(t-1)},$$

where  $GEN_{i,t}$  is current imputed generation, and  $HTR_{(t-1)}$  is previous year's heat rate.

$$UTO_t = GEN_{i,t} * (UTO_{(t-1)} / GEN_{(t-1)})$$

where current  $GEN_{i,t}$  is imputed generation and is multiplied by previous year's steam-to-power ratio, where  $UTO_{(t-1)}$  is the previous year's useful thermal output and  $GEN_{(t-1)}$  is the previous year's generation.

$$COT_t = COG_t + UTO_t$$

EIA imputes a monthly value for generation and fuel consumption for all annual respondents.

**Relative Standard Error.** The relative standard error (RSE) statistic, usually given as a percent, describes the magnitude of sampling error that might reasonably be incurred. The RSE is the square root of the estimated variance, divided by the variable of interest. The variable

of interest may be the ratio of two variables, or a single variable. (See footnotes number 4, 5, and 6.)

The sampling error may be less than the nonsampling error. In fact, large RSE estimates found in preliminary work with these data have often indicated nonsampling errors, which were then identified and corrected. (See footnote number 7.) Nonsampling errors may be attributed to many sources, including the response errors, definitional difficulties, differences in the interpretation of questions, mistakes in recording or coding data obtained, and other errors of collection, response, or coverage. These nonsampling errors also occur in complete censuses. In a complete census, this problem may become unmanageable.

Using the Central Limit Theorem, which applies to sums and means such as are applicable here, there is approximately a 68-percent chance that the true sampling error is less than the corresponding RSE. Note that reported RSEs are always estimates, themselves, and are usually, as here, reported as percents. As an example, suppose that a net generation from coal value is estimated to be 1,507 million kilowatthours with an estimated RSE of 4.9 percent. This means that, ignoring any nonsampling error, there is approximately a 68-percent chance that the true million kilowatthour value is within approximately 4.9 percent of 1,507 million kilowatthours (that is, between 1,433 and 1,581 million kilowatthours). There is approximately a 95-percent chance of a true sampling error being 2 RSEs or less.

Note that there are times when a model may not apply, such as in the case of a substantial reclassification of sales, when the relationship between the variable of interest and the regressor data does not hold. In such a case, the new information represents only itself, and such numbers are added to model results when estimating totals. Further, there are times when sample data may be known to be in error, or are not reported. Such cases are treated as if they were never part of the model-based sample, and values are imputed.

### Finalization of the Monthly Data and Annual Totals.

The EIA-920 data is finalized once data has been collected from the annual respondents who are not part of the monthly sample. The data from annual responses that pass edit checks are proportioned to the months (by state, fuel and sector) using the ratio of the monthly data actually collected to the sum of that monthly data. In the case of annual facilities that are non-respondents, or whose data fails edit checks and have data problems that cannot be resolved, generation and consumption is imputed monthly. The sum of the revised monthly data are the final annual totals for each state, fuel and sector combination.

**Average Heat Content.** The average heat content values collected on the Form EIA-920 were used to convert the consumption data into Btu. Therefore, the results may not be completely representative.

**Confidentiality of the Data.** Most of the data collected on the Form EIA-920 are not considered confidential. However, the reported fuel stocks at the end of the reporting period are considered confidential and must adhere to EIA's "Policy on the Disclosure of Individually Identifiable Energy Information in the Possession of the EIA" (45Federal Register 59812 (1980)).

**Conversion of Petroleum Coke to Liquid Petroleum.** The quantity conversion is 5 barrels (of 42 U.S. gallons each) per short ton (2,000 pounds). Coke from petroleum has a heating value of 6.024 million Btus.

## Business Classification

The nonutility industry consists of all manufacturing, agricultural, forestry, transportation, finance, service and administrative industries, based on the Office of Management and Budget's Standard Industrial Classification (SIC) Manual.<sup>17</sup> In 1997, the SIC Manual name was changed to North American Industry Classification System (NAICS). The following is a list of the main classifications and the category of primary business activity within each classification.

### Agriculture, Forestry, and Fishing

- 111 Agriculture production-crops
- 112 Agriculture production, livestock and animal specialties
- 115 Agricultural services
- 114 Fishing, hunting, and trapping
- 113 Forestry

### Mining

- 2122 Metal mining
- 2121 Coal mining
- 211 Oil and gas extraction
- 2123 Mining and quarrying of nonmetallic minerals except fuels

### Construction

23

### Manufacturing

- 311 Food and kindred products
- 3122 Tobacco products
- 314 Textile and mill products
- 315 Apparel and other finished products made from fabrics and similar materials
- 321 Lumber and wood products, except furniture
- 337 Furniture and fixtures
- 322 Paper and allied products (other than 322122

or 32213)

- 322122 Paper mills, except building paper
  - 32213 Paperboard mills
  - 323 Printing and publishing
  - 325 Chemicals and allied products (other than 325188, 325211, 32512, or 325311)
  - 325188 Industrial Inorganic Chemicals
  - 325211 Plastics materials and resins
  - 32512 Industrial organic chemicals
  - 325311 Nitrogenous fertilizers
  - 324 Petroleum refining and related industries (other than 32411)
  - 32411 Petroleum refining
  - 326 Rubber and miscellaneous plastic products
  - 316 Leather and leather products
  - 327 Stone, clay, glass, and concrete products (other than 32731)
  - 32731 Cement, hydraulic
  - 331 Primary metal industries (other than 331111 or 331312)
  - 331111 Blast furnaces and steel mills
  - 331312 Primary aluminum
  - 332 Fabricated metal products, except machinery and transportation equipment
  - 333 Industrial and commercial equipment and components except computer equipment
  - 335 Electronic and other electrical equipment and components except computer equipment
  - 336 Transportation equipment
  - 3345 Measuring, analyzing, and controlling instruments, photographic, medical, and optical goods, watches and clocks
  - 339 Miscellaneous manufacturing industries
- ### Transportation and Public Utilities
- 482 Railroad transportation
  - 485 Local and suburban transit and interurban highway passenger transport
  - 484 Motor freight transportation and warehousing
  - 491 United States Postal Service
  - 483 Water transportation
  - 481 Transportation by air
  - 486 Pipelines, except natural gas
  - 487 Transportation services
  - 513 Communications
  - 22 Electric, gas, and sanitary services
  - 2212 Natural gas transmission
  - 2213 Water supply
  - 22132 Sewerage systems
  - 562212 Refuse systems
  - 22131 Irrigation systems
- ### Wholesale Trade
- 421 to 422
- ### Retail Trade
- 441 to 454
- ### Finance, Insurance, and Real Estate
- 521 to 533

**Services**

721 Hotels

812 Personal services

514 Business services

8111 Automotive repair, services, and parking

811 Miscellaneous repair services

512 Motion pictures

713 Amusement and recreation services

622 Health services

541 Legal services

611 Education services

624 Social services

712 Museums, art galleries, and botanical and zoological gardens

813 Membership organizations

561 Engineering, accounting, research, management, and related services

814 Private households

514199 Miscellaneous services

**92 Public Administration**

**Table C1. Average Heat Content of Fossil-Fuel Receipts, April 2004**

Census Division and State	Coal (Million Btu per Ton) <sup>1</sup>	Petroleum Liquids (Million Btu per Barrel) <sup>2</sup>	Petroleum Coke (Million Btu per Ton)	Natural Gas (Million Btu per Thousand Cubic Feet) <sup>3</sup>
<b>New England</b> .....	<b>24.85</b>	<b>6.34</b>	--	<b>1.04</b>
Connecticut .....	24.21	5.82	--	1.00
Maine.....	26.28	6.31	--	1.04
Massachusetts.....	24.35	6.29	--	1.04
New Hampshire.....	26.84	6.45	--	1.04
Rhode Island.....	--	--	--	1.03
Vermont.....	--	--	--	--
<b>Middle Atlantic</b> .....	<b>23.53</b>	<b>6.33</b>	<b>27.20</b>	<b>1.03</b>
New Jersey.....	25.79	6.26	--	1.03
New York.....	24.02	6.34	27.77	1.03
Pennsylvania.....	23.32	6.22	26.52	1.04
<b>East North Central</b> .....	<b>20.32</b>	<b>6.23</b>	<b>28.09</b>	<b>1.01</b>
Illinois.....	18.27	6.27	--	1.01
Indiana.....	21.00	5.81	28.06	1.00
Michigan.....	19.89	6.30	28.04	1.01
Ohio.....	24.46	5.78	--	1.04
Wisconsin.....	17.93	5.88	28.13	1.00
<b>West North Central</b> .....	<b>16.79</b>	<b>6.50</b>	<b>28.39</b>	<b>1.01</b>
Iowa.....	17.29	5.84	--	1.00
Kansas.....	17.31	6.62	--	1.00
Minnesota.....	17.81	5.79	28.39	1.01
Missouri.....	17.59	5.78	--	1.01
Nebraska.....	17.17	5.52	--	1.00
North Dakota.....	13.43	5.84	--	1.03
South Dakota.....	17.21	--	--	--
<b>South Atlantic</b> .....	<b>23.66</b>	<b>6.34</b>	<b>28.19</b>	<b>1.03</b>
Delaware.....	25.30	6.21	--	1.04
District of Columbia.....	--	5.88	--	--
Florida.....	24.48	6.38	28.21	1.03
Georgia.....	21.18	6.02	28.10	1.04
Maryland.....	25.40	6.21	--	1.06
North Carolina.....	24.68	6.10	--	1.04
South Carolina.....	25.18	6.40	--	1.03
Virginia.....	25.40	6.37	--	1.03
West Virginia.....	24.18	5.90	--	1.03
<b>East South Central</b> .....	<b>22.15</b>	<b>6.52</b>	<b>27.41</b>	<b>1.03</b>
Alabama.....	21.50	5.85	--	1.03
Kentucky.....	22.86	5.88	27.41	1.02
Mississippi.....	18.05	6.61	--	1.03
Tennessee.....	23.02	5.88	--	1.03
<b>West South Central</b> .....	<b>16.00</b>	<b>6.27</b>	<b>28.95</b>	<b>1.03</b>
Arkansas.....	17.52	5.90	--	1.03
Louisiana.....	16.77	6.53	29.38	1.04
Oklahoma.....	17.72	--	--	1.03
Texas.....	15.37	5.28	28.52	1.02
<b>Mountain</b> .....	<b>19.43</b>	<b>5.81</b>	--	<b>1.03</b>
Arizona.....	20.63	5.80	--	1.02
Colorado.....	19.58	5.14	--	1.02
Idaho.....	--	--	--	--
Montana.....	17.04	5.83	--	1.09
Nevada.....	23.33	--	--	1.05
New Mexico.....	18.24	5.71	--	1.00
Utah.....	22.42	5.86	--	--
Wyoming.....	17.65	5.88	--	1.05
<b>Pacific Contiguous</b> .....	<b>17.62</b>	<b>5.22</b>	<b>28.99</b>	<b>1.03</b>
California.....	23.80	4.36	28.99	1.03
Oregon.....	16.79	--	--	1.02
Washington.....	16.62	5.70	--	1.03
<b>Pacific Noncontiguous</b> .....	<b>22.24</b>	<b>5.91</b>	--	<b>1.00</b>
Alaska.....	--	--	--	1.00
Hawaii.....	22.24	5.91	--	--
<b>U.S. Total</b> .....	<b>20.15</b>	<b>6.32</b>	<b>28.16</b>	<b>1.03</b>

<sup>1</sup> Data represents weighted values. Lignite, bituminous coal, subbituminous coal, anthracite, waste coal and synthetic coal.

<sup>2</sup> Includes distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

<sup>3</sup> Natural gas, including a small amount of supplemental gaseous fuels.

Notes: •See Glossary for definitions. •Data for 2004 are preliminary.

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

W = Withheld to avoid disclosure of individual company data.

**Table C2. Comparison of Preliminary Versus Final Published Data at the U.S. Level, 1995 Through 1999**

Item	Mean Absolute Value of Change				
	1995	1996	1997	1998	1999
<b>Nonutility</b>					
<b>Generation (million kilowatthours)</b>					
Coal .....	NA	NA	NA	NA	2,272
Petroleum.....	NA	NA	NA	NA	1,205
Gas.....	NA	NA	NA	NA	811
Hydroelectric.....	NA	NA	NA	NA	936
Nuclear .....	NA	NA	NA	NA	28
Other <sup>1</sup> .....	NA	NA	NA	NA	504
Total.....	NA	NA	NA	NA	4,559
<b>Consumption</b>					
Coal (thousand short tons).....	NA	NA	NA	NA	1,767
Petroleum (thousand barrels) .....	NA	NA	NA	NA	2,694
Gas (million cubic feet).....	NA	NA	NA	NA	17,168
<b>Stocks<sup>1</sup></b>					
Coal (thousand short tons).....	NA	NA	NA	NA	316
Petroleum (thousand barrels) .....	NA	NA	NA	NA	40
<b>Utility</b>					
<b>Generation (million kilowatthours)</b>					
Coal .....	49	162	201	201	288
Petroleum.....	6	64	53	39	103
Gas.....	38	84	168	102	147
Hydroelectric.....	6	298	325	322	354
Nuclear .....	0	4	65	0	0
Other.....	0	0	0	0	0
Total.....	11	462	285	504	695
<b>Consumption</b>					
Coal (thousand short tons).....	27	105	169	114	147
Petroleum (thousand barrels) .....	1	94	43	76	228
Gas (million cubic feet).....	300	899	1,243	1,084	1,668
<b>Stocks<sup>1</sup></b>					
Coal (thousand short tons).....	310	233	501	229	118
Petroleum (thousand barrels) .....	239	201	130	98	165
<b>Retail Sales (million kilowatthours)</b>					
Residential .....	79	345	350	626	454
Commercial .....	780	476	1,265	175	2,233
Industrial.....	141	1,129	257	771	654
Other <sup>2</sup> .....	167	267	363	33	553
Total.....	694	1,153	1,724	1,466	3,894
<b>Revenue (million dollars)</b>					
Residential .....	17	2	3	42	27
Commercial .....	51	29	60	17	214
Industrial.....	23	46	32	30	34
Other <sup>2</sup> .....	5	1	31	2	3
Total.....	22	46	62	79	277
<b>Average Revenue per Kilowatthour (cents)<sup>3</sup></b>					
Residential .....	.01	.03	.03	.02	.01
Commercial .....	.01	.01	.05	.01	.06
Industrial.....	.03	.01	.02	.01	.01
Other <sup>3</sup> .....	.20	.22	.07	.02	.39
Total.....	.01	.01	.02	.01	.03
<b>Receipts</b>					
Coal (thousand short tons).....	34	61	71	84	148
Petroleum (thousand barrels) .....	2	77	28	20	89
Gas (million cubic feet).....	227	566	122	365	157
<b>Cost (cents per million Btu)<sup>3</sup></b>					
Coal .....	.10	.06	.16	.23	.22
Petroleum.....	.01	.01	*	*	.01
Gas.....	.15	.87	.68	.35	.09

<sup>1</sup> Stocks are end of month values.

<sup>2</sup> Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

<sup>3</sup> Data represents weighted values.

\* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.

NA = Not Available.

Notes: • Change refers to the difference between estimates or preliminary monthly data published in the *Electric Power Monthly* (EPM) and the final monthly data published in the EPM. • Mean absolute value of change is the unweighted average of the absolute changes.

Sources: • Energy Information Administration: Form EIA-900, "Monthly Nonutility Power Plant Report;" Form EIA-759, "Monthly Power Plant Report;" Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions;" and Form EIA-861, "Annual Electric Utility Report."

**Table C3. Comparison of Sample Versus Census Published Data at the U.S. Level, 1998 and 1999**

Item	1998			1999		
	Sample	Census	Difference (percent)	Sample	Census	Difference (percent)
<b>Utility</b>						
<b>Generation (million kilowatthours)</b>						
Coal .....	1,808,070	1,807,480	*	1,773,499	1,767,679	-0.3
Petroleum.....	105,743	105,440	-0.3	85,737	82,981	-3.3
Gas.....	308,858	309,222	0.1	297,346	296,381	-0.3
Other <sup>1</sup> .....	990,948	990,029	-0.1	1,026,354	1,026,632	*
<b>Total.....</b>	<b>3,213,620</b>	<b>3,212,171</b>	<b>*</b>	<b>3,182,936</b>	<b>3,173,674</b>	<b>-0.3</b>
<b>Consumption</b>						
Coal (1,000 short tons).....	912,060	910,867	-0.1	896,616	894,120	-0.3
Petroleum (1,000 barrels).....	179,401	178,614	-0.4	148,868	143,830	-3.5
Gas (1,000 Mcf).....	326,268	3,258,054	-0.1	3,125,417	3,113,419	-0.4
<b>Stocks<sup>2</sup></b>						
Coal (1,000 short tons).....	121,384	120,501	-0.7	128,929	129,041	0.1
Petroleum (1,000 barrels).....	53,893	53,790	-0.2	45,191	44,312	-2.0
<b>Retail Sales (million kilowatthours)</b>						
Residential.....	1,131,520	1,127,735	-0.3	1,139,481	1,140,761	0.1
Commercial.....	950,476	968,528	1.9	975,196	970,601	-0.5
Industrial.....	1,055,459	1,040,038	-1.5	1,050,363	1,017,783	-3.2
Other <sup>3</sup> .....	100,260	103,518	3.1	100,316	106,754	6.0
<b>All Sectors.....</b>	<b>3,237,715</b>	<b>3,239,818</b>	<b>0.1</b>	<b>3,265,356</b>	<b>3,235,899</b>	<b>-0.9</b>
<b>Revenue (million dollars)</b>						
Residential.....	93,511	93,164	-0.4	93,148	93,142	*
Commercial.....	70,630	71,769	1.6	70,190	70,492	0.4
Industrial.....	47,391	46,550	-1.8	46,442	45,056	-3.1
Other <sup>3</sup> .....	6,814	6,863	0.7	6,763	6,783	0.3
<b>All Sectors.....</b>	<b>218,346</b>	<b>218,346</b>	<b>*</b>	<b>216,544</b>	<b>215,473</b>	<b>-0.5</b>
<b>Average Revenue per Kilowatthour (cents)<sup>4</sup></b>						
Residential.....	8.26	8.26	*	8.17	8.16	-0.1
Commercial.....	7.43	7.41	-0.3	7.20	7.26	0.8
Industrial.....	4.49	4.48	-0.3	4.42	4.43	0.1
Other <sup>3</sup> .....	6.80	6.63	-2.5	6.74	6.35	-6.1
<b>All Sectors.....</b>	<b>6.74</b>	<b>6.74</b>	<b>-0.1</b>	<b>6.63</b>	<b>6.66</b>	<b>0.4</b>

<sup>1</sup> Includes geothermal, wood, waste, wind, and solar.

<sup>2</sup> Stocks are end-of-month values.

<sup>3</sup> Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

<sup>4</sup> Data represent weighted values.

\* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.

NA = Not Available.

Notes: • The average revenue per kilowatthour is calculated by dividing revenue by sales. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-900, "Monthly Nonutility Power Report;" Form EIA-867, "Annual Nonutility Power Producer Report;" Form EIA-759, "Monthly Power Plant Report;" Form EIA-861, "Annual Electric Utility Report;" and Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

**Table C4. Unit-of-Measure Equivalents for Electricity**

Unit	Equivalent
Kilowatt (kW).....	1,000 (One Thousand) Watts
Megawatt (MW).....	1,000,000 (One Million) Watts
Gigawatt (GW).....	1,000,000,000 (One Billion) Watts
Terawatt (TW).....	1,000,000,000,000 (One Trillion) Watts
Gigawatt.....	1,000,000 (One Million) Kilowatts
Thousand Gigawatts.....	1,000,000,000 (One Billion) Kilowatts
Kilowatthours (kWh).....	1,000 (One Thousand) Watthours
Megawatthours (MWh).....	1,000,000 (One Million) Watthours
Gigawatthours (GWh).....	1,000,000,000 (One Billion) Watthours
Terawatthours (TWh).....	1,000,000,000,000 (One Trillion) Watthours
Gigawatthours.....	1,000,000 (One Million) Kilowatthours
Thousand Gigawatthours.....	1,000,000,000 (One Billion) Kilowatthours

Source: Energy Information Administration.

# Glossary

**Anthracite:** The highest rank of coal; used primarily for residential and commercial space heating. It is a hard, brittle, and black lustrous coal, often referred to as hard coal, containing a high percentage of fixed carbon and a low percentage of volatile matter. The moisture content of fresh-mined anthracite generally is less than 15 percent. The heat content of anthracite ranges from 22 to 28 million Btu per ton on a moist, mineral-matter-free basis. The heat content of anthracite coal consumed in the United States averages 25 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter). *Note:* Since the 1980's, anthracite refuse or mine waste has been used for steam electric power generation. This fuel typically has a heat content of 15 million Btu per ton or less.

**Ash:** Impurities consisting of silica, iron, aluminum, and other noncombustible matter that are contained in coal. Ash increases the weight of coal, adds to the cost of handling, and can affect its burning characteristics. Ash content is measured as a percent by weight of coal on a "received" or a "dry" (moisture-free, usually part of a laboratory analysis) basis.

**Ash Content:** The amount of ash contained in the fuel (except gas) in terms of percent by weight.

**Average Retail Price of Electricity (formerly known as Average Revenue per Kilowatthour):** The average revenue per kilowatthour of electricity sold by sector (residential, commercial, industrial, or other) and geographic area (State, Census division, and national), is calculated by dividing the total monthly revenue by the corresponding total monthly sales for each sector and geographic area.

**Barrel:** A unit of volume equal to 42 U.S. gallons.

**Biomass:** Organic non-fossil material of biological origin constituting a renewable energy resource.

**Bituminous Coal:** A dense coal, usually black, sometimes dark brown, often with well-defined bands of bright and dull material, used primarily as fuel in steam-electric power generation, with substantial quantities also used for heat and power applications in manufacturing and to make coke. Bituminous coal is the most abundant coal in active U.S. mining regions. Its moisture content usually is less than 20 percent. The heat content of bituminous coal ranges from 21 to 30 million Btu per ton on a moist, mineral-matter-free basis. The heat content of bituminous coal consumed in the United States averages 24 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

**British Thermal Unit:** The quantity of heat required to raise the temperature of 1 pound of liquid water by 1 degree Fahrenheit at the temperature at which water

has its greatest density (approximately 39 degrees Fahrenheit).

**Btu:** The abbreviation for British thermal unit(s).

**Capacity:** See Generator Capacity and Generator Name Plate Capacity (Installed).

**Census Divisions:** Any of nine geographic areas of the United States as defined by the U.S. Department of Commerce, Bureau of the Census. The divisions, each consisting of several States, are defined as follows:

- 1) *New England:* Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont;
- 2) *Middle Atlantic:* New Jersey, New York, and Pennsylvania;
- 3) *East North Central:* Illinois, Indiana, Michigan, Ohio, and Wisconsin;
- 4) *West North Central:* Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota;
- 5) *South Atlantic:* Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia;
- 6) *East South Central:* Alabama, Kentucky, Mississippi, and Tennessee;
- 7) *West South Central:* Arkansas, Louisiana, Oklahoma, and Texas;
- 8) *Mountain:* Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming;
- 9) *Pacific:* Alaska, California, Hawaii, Oregon, and Washington.

*Note:* Each division is a sub-area within a broader Census Region. In some cases, the Pacific division is subdivided into the Pacific Contiguous area (California, Oregon, and Washington) and the Pacific Noncontiguous area (Alaska and Hawaii).

**Coal:** A readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time.

**Coke (Petroleum):** A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion is 5 barrels (of 42 U.S. gallons

each) per short ton. Coke from petroleum has a heating value of 6.024 million Btu per barrel.

**Combined Cycle:** An electric generating technology in which electricity is produced from otherwise lost waste heat exiting from one or more gas (combustion) turbine-generators. The exiting heat from the combustion turbine(s) is routed to a conventional boiler or to a heat recovery steam generator for utilization by a steam turbine in the production of additional electricity.

**Combined Heat and Power (CHP):** Includes plants designed to produce both heat and electricity from a single heat source. *Note:* This term is being used in place of the term "cogenerator" that was used by EIA in the past. CHP better describes the facilities because some of the plants included do not produce heat and power in a sequential fashion and, as a result, do not meet the legal definition of cogeneration specified in the Public Utility Regulatory Policies Act (PURPA).

**Commercial Sector:** An energy-consuming sector that consists of service-providing facilities and equipment of: businesses; Federal, State, and local governments; and other private and public organizations, such as religious, social, or fraternal groups. The commercial sector includes institutional living quarters. It also includes sewage treatment facilities. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a wide variety of other equipment. *Note:* This sector includes generators that produce electricity and/or useful thermal output primarily to support the activities of the above-mentioned commercial establishments.

**Consumption (Fuel):** The use of energy as a source of heat or power or as a raw material input to a manufacturing process.

**Cost:** The amount paid to acquire resources, such as plant and equipment, fuel, or labor services.

**Demand (Electric):** The rate at which electric energy is delivered to or by a system, part of a system, or piece of equipment, at a given instant or averaged over any designated period of time.

**Diesel:** A distillate fuel oil that is used in diesel engines such as those used for transportation and for electric power generation.

**Distillate Fuel Oil:** A general classification for one of the petroleum fractions produced in conventional distillation operations. It includes diesel fuels and fuel oils. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in trucks and automobiles, as well as off-highway engines, such as those in railroad locomotives

and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.

1) *No. 1 Distillate:* A light petroleum distillate that can be used as either a diesel fuel (see No. 1 Diesel Fuel) or a fuel oil. See No. 1 Fuel Oil.

- *No. 1 Diesel Fuel:* A light distillate fuel oil that has distillation temperatures of 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines, such as those in city buses and similar vehicles. See No. 1 Distillate above.

- *No. 1 Fuel Oil:* A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See No. 1 Distillate above.

2) *No. 2 Distillate:* A petroleum distillate that can be used as either a diesel fuel (see No. 2 Diesel Fuel definition below) or a fuel oil. See No. 2 Fuel oil below.

- *No. 2 Diesel Fuel:* A fuel that has distillation temperatures of 500 degrees Fahrenheit at the 10-percent recovery point and 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See No. 2 Distillate above.

3) *No. 4 Fuel:* A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms with ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

- *No. 4 Diesel Fuel and No. 4 Fuel Oil:* See No. 4 Fuel above.

**Electric Industry Restructuring:** The process of replacing a monopolistic system of electric utility suppliers with competing sellers, allowing individual retail customers to choose their supplier but still

receive delivery over the power lines of the local utility. It includes the reconfiguration of vertically integrated electric utilities.

**Electric Plant (Physical):** A facility containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or fission energy into electric energy.

**Electric Power Sector:** An energy-consuming sector that consists of electricity-only and combined-heat-and-power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public-- i. e., North American Industry Classification System 22 plants.

**Electric Utility:** A corporation, person, agency, authority, or other legal entity or instrumentality aligned with distribution facilities for delivery of electric energy for use primarily by the public. Included are investor-owned electric utilities, municipal and State utilities, Federal electric utilities, and rural electric cooperatives. A few entities that are tariff based and corporately aligned with companies that own distribution facilities are also included. *Note:* Due to the issuance of FERC Order 888 that required traditional electric utilities to functionally unbundle their generation, transmission, and distribution operations, "electric utility" currently has inconsistent interpretations from State to State.

**Electricity:** A form of energy characterized by the presence and motion of elementary charged particles generated by friction, induction, or chemical change.

**Electricity Generation:** The process of producing electric energy or the amount of electric energy produced by transforming other forms of energy, commonly expressed in kilowatthours (kWh) or megawatthours (MWh).

**Electricity Generators:** The facilities that produce only electricity, commonly expressed in kilowatthours (kWh) or megawatthours (MWh).

**Energy:** The capacity for doing work as measured by the capability of doing work (potential energy) or the conversion of this capability to motion (kinetic energy). Energy has several forms, some of which are easily convertible and can be changed to another form useful for work. Most of the world's convertible energy comes from fossil fuels that are burned to produce heat that is then used as a transfer medium to mechanical or other means in order to accomplish tasks. Electrical energy is usually measured in kilowatthours, while heat energy is usually measured in British thermal units.

**Energy Conservation Features:** This includes building shell conservation features, HVAC

conservation features, lighting conservation features, any conservation features, and other conservation features incorporated by the building. However, this category does not include any demand-side management (DSM) program participation by the building. Any DSM program participation is included in the DSM Programs.

**Energy Efficiency:** Refers to programs that are aimed at reducing the energy used by specific end-use devices and systems, typically without affecting the services provided. These programs reduce overall electricity consumption (reported in megawatthours), often without explicit consideration for the timing of program-induced savings. Such savings are generally achieved by substituting technically more advanced equipment to produce the same level of end-use services (e.g. lighting, heating, motor drive) with less electricity. Examples include high-efficiency appliances, efficient lighting programs, high-efficiency heating, ventilating and air conditioning (HVAC) systems or control modifications, efficient building design, advanced electric motor drives, and heat recovery systems.

**Energy Service Provider:** An energy entity that provides service to a retail or end-use customer.

**Energy Source:** Any substance or natural phenomenon that can be consumed or transformed to supply heat or power. Examples include petroleum, coal, natural gas, nuclear, biomass, electricity, wind, sunlight, geothermal, water movement, and hydrogen in fuel cells.

**Energy-Only Service:** Retail sales services for which the company provided only the energy consumed, where another entity provides delivery services.

**Fossil Fuel:** An energy source formed in the earth's crust from decayed organic material. The common fossil fuels are petroleum, coal, and natural gas.

**Franchised Service Area:** A specified geographical area in which a utility has been granted the exclusive right to serve customers. A franchise allows an entity to use city streets, alleys and other public lands in order to provide, distribute, and sell services to the community.

**Fuel:** Any material substance that can be consumed to supply heat or power. Included are petroleum, coal, and natural gas (the fossil fuels), and other consumable materials, such as uranium, biomass, and hydrogen.

**Gas:** A fuel burned under boilers and by internal combustion engines for electric generation. These include natural, manufactured and waste gas.

**Gas Turbine Plant:** An electric generating facility in which the prime mover is a gas (combustion) turbine. A gas turbine typically consists of an air compressor and one or more combustion chambers where either liquid or gaseous fuel is burned. The resulting hot gases are passed through the turbine where they expand to drive both an electric generator and the compressor.

**Generating Unit:** Any combination of physically connected generators, reactors, boilers, combustion turbines, or other prime movers operated together to produce electric power.

**Generator:** A machine that converts mechanical energy into electrical energy.

**Generator Capacity:** The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, adjusted for ambient conditions.

**Generator Nameplate Capacity (Installed):** The maximum rated output of a generator, prime mover, or other electric power production equipment under specific conditions designated by the manufacturer. Installed generator nameplate capacity is commonly expressed in megawatts (MW) and is usually indicated on a nameplate physically attached to the generator.

**Geothermal:** Pertaining to heat within the Earth.

**Geothermal Energy:** Hot water or steam extracted from geothermal reservoirs in the earth's crust. Water or steam extracted from geothermal reservoirs can be used for geothermal heat pumps, water heating, or electricity generation.

**Gigawatt (GW):** One billion watts.

**Gigawatthour (GWh):** One billion watthours.

**Gross Generation:** The total amount of electric energy produced by generating units and measured at the generating terminal in kilowatthours (kWh) or megawatthours (MWh).

**Heat Content:** The amount or number of British thermal units (Btu) produced by the combustion of fuel, measured in Btu/unit of measure.

**Hydroelectric Power:** The production of electricity from the kinetic energy of falling water.

**Hydroelectric Power Generation:** Electricity generated by an electric power plant whose turbines are driven by falling water. It includes electric utility and industrial generation of hydroelectricity, unless otherwise specified. Generation is reported on a net basis, i.e., on the amount of electric energy generated after the electric energy consumed by station

auxiliaries and the losses in the transformers that are considered integral parts of the station are deducted.

**Hydroelectric Pumped Storage:** Hydroelectricity that is generated during peak loads by using water previously pumped into an elevated storage reservoir during off-peak periods when excess generating capacity is available to do so. When additional generating capacity is needed, the water can be released from the reservoir through a conduit to turbine generators located in a power plant at a lower level.

**Hydrogen:** A colorless, odorless, highly flammable gaseous element. It is the lightest of all gases and the most abundant element in the universe, occurring chiefly in combination with oxygen in water and also in acids, bases, alcohols, petroleum, and other hydrocarbons.

**Independent Power Producer:** A corporation, person, agency, authority, or other legal entity or instrumentality that owns or operates facilities for the generation of electricity for use primarily by the public, and that is not an electric utility.

**Industrial Sector:** An energy-consuming sector that consists of all facilities and equipment used for producing, processing, or assembling goods. The industrial sector encompasses the following types of activity: manufacturing (NAICS codes 31-33); agriculture, forestry, and hunting (NAICS code 11); mining, including oil and gas extraction (NAICS code 21); natural gas distribution (NAICS code 2212); and construction (NAICS code 23). Overall energy use in this sector is largely for process heat and cooling and powering machinery, with lesser amounts used for facility heating, air conditioning, and lighting. Fossil fuels are also used as raw material inputs to manufactured products. *Note:* This sector includes generators that produce electricity and/or useful thermal output primarily to support the above-mentioned industrial activities.

**Interdepartmental Service (Electric):** Interdepartmental service includes amounts charged by the electric department at tariff or other specified rates for electricity supplied by it to other utility departments.

**Internal Combustion Plant:** A plant in which the prime mover is an internal combustion engine. An internal combustion engine has one or more cylinders in which the process of combustion takes place, converting energy released from the rapid burning of a fuel-air mixture into mechanical energy. Diesel or gas-fired engines are the principal types used in electric plants. The plant is usually operated during periods of high demand for electricity.

**Investor-Owned Utility (IOU):** A privately-owned electric utility whose stock is publicly traded. It is rate regulated and authorized to achieve an allowed rate of return.

**Jet Fuel:** A refined petroleum product used in jet aircraft engines. It includes kerosene-type jet fuel and naphtha-type jet fuel.

**Kerosene:** A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil.

**Kilowatt (kW):** One thousand watts.

**Kilowatthour (kWh):** One thousand watthours.

**Light Oil:** Lighter fuel oils distilled off during the refining process. Virtually all petroleum used in internal combustion and gas-turbine engines is light oil.

**Lignite:** The lowest rank of coal, often referred to as brown coal, used almost exclusively as fuel for steam-electric power generation. It is brownish-black and has a high inherent moisture content, sometimes as high as 45 percent. The heat content of lignite ranges from 9 to 17 million Btu per ton on a moist, mineral-matter-free basis. The heat content of lignite consumed in the United States averages 13 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

**Manufactured Gas:** A gas obtained by destructive distillation of coal, or by thermal decomposition of oil, or by the reaction of steam passing through a bed of heated coal or coke. Examples are coal gases, coke oven gases, producer gas, blast furnace gas, blue (water) gas, and carbureted water gas.

**Mcf:** One thousand cubic feet.

**Megawatt (MW):** One million watts of electricity.

**Megawatthour (MWh):** One million watthours.

**Municipal Utility:** A nonprofit utility, owned by a local municipality and operated as a department thereof, governed by a city council or an independently elected or appointed board; primarily involved in the distribution and/or sale of retail electric power.

**Natural Gas:** A gaseous mixture of hydrocarbon compounds, the primary one being methane. *Note:* The Energy Information Administration measures wet natural gas and its two sources of production, associated/dissolved natural gas and nonassociated natural gas, and dry natural gas, which is produced from wet natural gas.

1) *Wet Natural Gas:* A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or in solution with crude oil in porous rock formations at reservoir conditions. The principal hydrocarbons normally contained in the mixture are methane, ethane, propane, butane, and pentane. Typical nonhydrocarbon gases that may be present in reservoir natural gas are water vapor, carbon dioxide, hydrogen sulfide, nitrogen and trace amounts of helium. Under reservoir conditions, natural gas and its associated liquefiable portions occur either in a single gaseous phase in the reservoir or in solution with crude oil and are not distinguishable at the time as separate substances. *Note:* The Securities and Exchange Commission and the Financial Accounting Standards Board refer to this product as natural gas.

- Associated-dissolved natural gas: Natural gas that occurs in crude oil reservoirs either as free gas (associated) or as gas in solution with crude oil (dissolved gas).
- Nonassociated natural gas: Natural gas that is not in contact with significant quantities of crude oil in the reservoir.

2) *Dry Natural Gas:* Natural gas which remains after: 1) the liquefiable hydrocarbon portion has been removed from the gas stream (i.e., gas after lease, field, and/or plant separation); and 2) any volumes of nonhydrocarbon gases have been removed where they occur in sufficient quantity to render the gas unmarketable. *Note:* Dry natural gas is also known as consumer-grade natural gas. The parameters for measurement are cubic feet at 60 degrees Fahrenheit and 14.73 pounds per square inch absolute.

**Net Generation:** The amount of gross generation less the electrical energy consumed at the generating station(s) for station service or auxiliaries. *Note:* Electricity required for pumping at pumped-storage plants is regarded as electricity for station service and is deducted from gross generation.

**Net Summer Capacity:** The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, as demonstrated by a multi-hour test, at the time of

summer peak demand (period of May 1 through October 31). This output reflects a reduction in capacity due to electricity use for station service or auxiliaries.

**Net Winter Capacity:** The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, as demonstrated by a multi-hour test, at the time of peak winter demand (period of November 1 through April 30). This output reflects a reduction in capacity due to electricity use for station service or auxiliaries.

**North American Electric Reliability Council (NERC):** A council formed in 1968 by the electric utility industry to promote the reliability and adequacy of bulk power supply in the electric utility systems of North America. The NERC Regions are:

- 1) ECAR – East Central Area Reliability Coordination Agreement
- 2) ERCOT – Electric Reliability Council of Texas
- 3) FRCC – Florida Reliability Coordinating Council
- 4) MAIN – Mid-America Interconnected Network
- 5) MAAC – Mid-Atlantic Area Council
- 6) MAPP – Mid-Continent Area Power Pool
- 7) NPCC – Northeast Power Coordinating Council
- 8) SERC – Southeastern Electric Reliability Council
- 9) SPP – Southwest Power Pool
- 10) WECC – Western Electricity Coordinating Council

**North American Industry Classification System (NAICS):** A set of codes that describes the possible purposes of a facility.

**Nuclear Electric Power:** Electricity generated by an electric power plant whose turbines are driven by steam produced by the heat from the fission of nuclear fuel in a reactor.

**Other Customers:** Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

**Other Generation:** Electricity originating from these sources: manufactured, supplemental gaseous fuel, propane, and waste gasses, excluding natural gas; biomass; geothermal; wind; solar thermal; photovoltaic; synthetic fuel; purchased steam; and waste oil energy sources.

**Percent Change:** The relative change in a quantity over a specified time period. It is calculated as follows: the current value has the previous value subtracted

from it; this new number is divided by the absolute value of the previous value; then this new number is multiplied by 100.

**Petroleum:** A broadly defined class of liquid hydrocarbon mixtures. Included are crude oil, lease condensate, unfinished oils, refined products obtained from the processing of crude oil, and natural gas plant liquids. *Note:* Volumes of finished petroleum products include nonhydrocarbon compounds, such as additives and detergents, after they have been blended into the products.

**Petroleum Coke:** See Coke (Petroleum).

**Photovoltaic Energy:** Direct-current electricity generated from sunlight through solid-state semiconductor devices that have no moving parts.

**Plant:** A term commonly used either as a synonym for an industrial establishment or a generation facility or to refer to a particular process within an establishment.

**Power:** The rate at which energy is transferred. Electrical energy is usually measured in watts. Also used for a measurement of capacity.

**Power Production Plant:** All the land and land rights, structures and improvements, boiler or reactor vessel equipment, engines and engine-driven generator, turbo generator units, accessory electric equipment, and miscellaneous power plant equipment are grouped together for each individual facility.

**Production (Electric):** Act or process of producing electric energy from other forms of energy; also, the amount of electric energy expressed in watt-hours (Wh).

**Propane:** A normally gaseous straight-chain hydrocarbon, (C<sub>3</sub>H<sub>8</sub>). It is a colorless paraffinic gas that boils at a temperature of -43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products covered by Gas Processors Association Specifications for commercial propane and HD-5 propane and ASTM Specification D 1835.

**Public Street and Highway Lighting Service:** Includes electricity supplied and services rendered for the purpose of lighting streets, highways, parks and other public places; or for traffic or other signal system service, for municipalities, or other divisions or agencies of State or Federal governments.

**Railroad and Railway Electric Service:** Electricity supplied to railroads and interurban and street railways, for general railroad use, including the propulsion of cars or locomotives, where such electricity is supplied under separate and distinct rate schedules.

**Receipts:** Purchases of fuel.

**Relative Standard Error:** The standard deviation of a distribution divided by the arithmetic mean, sometimes multiplied by 100. It is used for the purpose of comparing the variabilities of frequency distributions but is sensitive to errors in the means.

**Residential:** An energy-consuming sector that consists of living quarters for private households. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a variety of other appliances. The residential sector excludes institutional living quarters.

**Residual Fuel Oil:** A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

**Retail:** Sales covering electrical energy supplied for residential, commercial, and industrial end-use purposes. Other small classes, such as agriculture and street lighting, also are included in this category.

**Revenues:** The total amount of money received by a firm from sales of its products and/or services, gains from the sales or exchange of assets, interest and dividends earned on investments, and other increases in the owner's equity except those arising from capital adjustments.

**Sales:** The transfer of title to an energy commodity from a seller to a buyer for a price or the quantity transferred during a specified period.

**Service Classifications (Sectors):** Consumers grouped by similar characteristics in order to be identified for the purpose of setting a common rate for electric service. Usually classified into groups identified as residential, commercial, industrial and other.

**Service to Public Authorities:** Public authority service includes electricity supplied and services rendered to municipalities or divisions or agencies of State and Federal governments, under special contracts or agreements or service classifications applicable only to public authorities.

**Solar Energy:** The radiant energy of the sun that can be converted into other forms of energy, such as heat or electricity. Electricity produced from solar energy heats a medium that powers an electricity-generating device.

**State Power Authority:** A nonprofit utility owned and operated by a state government agency, primarily involved in the generation, marketing, and/or transmission of wholesale electric power.

**Steam-Electric Power Plant (Conventional):** A plant in which the prime mover is a steam turbine. The steam used to drive the turbine is produced in a boiler where fossil fuels are burned.

**Stocks of Fuel:** A supply of fuel accumulated for future use. This includes coal and fuel oil stocks at the plant site, in coal cars, tanks, or barges at the plant site, or in separate storage sites.

**Subbituminous Coal:** A coal whose properties range from those of lignite to those of bituminous coal and used primarily as fuel for steam-electric power generation. It may be dull, dark brown to black, soft and crumbly, at the lower end of the range, to bright, jet black, hard, and relatively strong, at the upper end. Subbituminous coal contains 20 to 30 percent inherent moisture by weight. The heat content of subbituminous coal ranges from 17 to 24 million Btu per ton on a moist, mineral-matter-free basis. The heat content of subbituminous coal consumed in the United States averages 17 to 18 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

**Sulfur:** A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. *Note:* No. 2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low- sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

**Sulfur Content:** The amount of sulfur contained in the fuel (except gas) in terms of percent by weight.

**Supplemental Gaseous Fuel Supplies:** Synthetic natural gas, propane-air, coke oven gas, refinery gas,

biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

**Synthetic Fuel:** A gaseous, liquid, or solid fuel that does not occur naturally. Synfuels can be made from coal (coal gasification or coal liquefaction), petroleum products, oil shale, tar sands, or plant products. Among the synfuels are various fuel gases, including but not restricted to substitute natural gas, liquid fuels for engines (e.g., gasoline, diesel fuel, and alcohol fuels) and burner fuels (e.g., fuel heating oils).

**Terrawatt:** One trillion watts.

**Terrawatthour:** One trillion kilowatthours.

**Ton:** A unit of weight equal to 2,000 pounds.

**Turbine:** A machine for generating rotary mechanical power from the energy of a stream of fluid (such as water, steam, or hot gas). Turbines convert the kinetic energy of fluids to mechanical energy through the principles of impulse and reaction, or a mixture of the two.

**Ultimate Consumer:** A consumer that purchases electricity for its own use and not for resale.

**Useful Thermal Output:** The thermal energy made available in a combined heat or power system for use in any industrial or commercial process, heating or cooling application, or delivered to other end users, i.e., total thermal energy made available for processes and applications other than electrical generation.

**Waste Coal:** As a fuel for electric power generation, waste coal includes anthracite refuse or mine waste, waste from anthracite preparation plants, and coal recovered from previously mined sites.

**Waste Gases:** As a fuel for electric power generation, waste gasses are those gasses that are produced from gasses recovered from a solid-waste or wastewater treatment facility, or the gaseous by-products of oil-refining processes.

**Waste Oil:** As a fuel for electric power generation, waste oil includes recycled motor oil, and waste oil from transformers.

**Watt (W):** The unit of electrical power equal to one ampere under a pressure of one volt. A Watt is equal to 1/746 horsepower.

**Watthour (Wh):** The electrical energy unit of measure equal to one watt of power supplied to, or taken from, an electric circuit steadily for one hour.

**Wind Energy:** The kinetic energy of wind converted into mechanical energy by wind turbines (i.e., blades rotating from the hub) that drive generators to produce electricity.

**Year to Date:** The cumulative sum of each month's value starting with January and ending with the current month of the data.