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February 2003

With Data for November 2002

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Office of Coal, Nuclear, Electric, and Alternate Fuels
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To EIA's Customers

To ensure that this report meets the highest standards for quality and customer satisfaction, we encourage our readers to contact Melvin Johnson on (202) 287-1754 (Internet: MELVIN.JOHNSON@EIA.DOE.GOV) with comments or suggestions to further improve the report.

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 perspectives on electric power issues. The 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, Energy Information Administration (EIA), Department of Energy prepares the EPM. This publication provides monthly statistics at the State, Census division, and U.S. levels for net generation, fossil fuel consumption and stocks, quantity and quality of fossil fuels, cost of fossil fuels, electricity retail sales, associated revenue, and average revenue per kilowatthour of electricity sold. In addition, data on net generation, fuel consumption, fuel stocks, quantity and cost of fossil fuels are also displayed for the North American Electric Reliability Council (NERC) regions. The EPM also includes the capability of new generating units by company and plant.

Data Sources

The *EPM* contains information from the following data sources: Form EIA-906, "Power Plant Report"; Form EIA-759, "Monthly Power Plant Report"; Federal Energy Regulatory Commission (FERC) Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-900, "Monthly Nonutility Power Report"; Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions"; Form EIA-861, "Annual Electric Utility Report"; Form EIA-860A, "Annual Electric Generator Report – Utility;" Form EIA-860B, "Annual Electric Generator Report – Nonutility"; and the Form EIA-906, "Power Plant Report" (Regulated and Nonregulated). Copies of these forms and their instructions may be obtained from the National Energy Information Center. A detailed description of these forms is in Appendix B, "Technical Notes." **Note:** Beginning with the January 2001 submissions, the Form EIA-906 replaced the Form EIA-759 and Form EIA-900.

Office of Coal, Nuclear, Electric and Alternate Fuels
Electric Power Industry Related Data: Available in Electronic Form

(as of September 2002)

	Internet				CD-ROM	Diskette
	Portable Document Format (PDF)	Executable Data Files	Hypertext Markup Language (HTML)	MS Word Format		
Surveys:						
Form EIA-411: Coordinated Bulk Power Supply Program Report	X			X		
Form EIA-412: Annual Report of Public Electric Utilities	X (instructions only)	X		X		X
Form EIA-417R, "Electric Power System-Emergency Report"	X		X			
Form EIA-767: Steam-Electric Operation and Design Report	X	X		X		X
Form EIA-826: Monthly Electric Utility Sales and Revenue Report with State Distributions	X	X		X	X	X
Form EIA-860A: Annual Electric Generator Report – Utility (formerly Form EIA-860)	X	X		X	X	X
Form EIA-860B: Annual Electric Generator Report – Nonutility (formerly Form EIA-867)	X	X		X		
Form EIA-861: Annual Electric Utility Report	X	X		X	X	X
Form EIA-906: Power Plant Report (Regulated; formerly Form EIA-759)	X	X		X	X	X
Form EIA-906: Power Plant Report (Nonregulated; formerly Form EIA-900)	X	X		X		
FERC Form 1: Annual Report of Major Electric Utilities, Licensees, and Others		X				X
FERC Form 423: Monthly Report of Cost and Quality of Fuels for Electric Plants		X		X		X
Publications:						
Electric Power Monthly	X		X		X	
Data tables for Form EIA-906, Form EIA-826, Form EIA-860 (new units only), and FERC Form 423	X		X			
Electric Power Annual Volume I	X		X		X	
Electric Power Annual Volume II	X		X		X	
Inventory of Electric Utility Power Plants in the United States	X		X		X	
Inventory of Nonutility Electric Power Plants in the United States	X		X		X	
U.S. Electric Utility Demand-Side Management	X	X	X		X	
Electric Sales and Revenue	X		X		X	
Financial Statistics of Major U.S. Investor Owned Electric Utilities	X				X	
Financial Statistics of Major U.S. Publicly Owned Electric Utilities	X		X		X	
Electric Trade in the United States (1996)	X		X			
Cost and Quality of Fuels for Electric Utility Plants (unpublished)	X		X			

Note: If you have any questions and/or need additional information, please contact the National Energy Information Center at (202) 586-8800.

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Monthly Update

Net Generation Year-to-Date 2002

During the first 11 months of the year, total U.S. net generation of electricity was 3,518 billion kilowatthours, 2 percent above what was reported for the corresponding period in 2001. Forty-nine percent of the generation was produced by coal-fired plants. This was followed by 20 percent from nuclear, 18 percent from gas, 7 percent from hydro, 2 percent from petroleum, and 2 percent from renewables.

Net Generation and Utility Retail Sales—November 2002

Net Generation. Total U.S. net generation of electricity was 297 billion kilowatthours, 6 percent above the amount reported in November 2001. Electric utilities generated 193 billion kilowatthours (65 percent of total generation) and nonutility power producers generated 103 billion kilowatthours (35 percent of total generation). At utilities, fossil fuels (primarily coal) accounted for 71 percent of net generation, followed by 20 percent from nuclear, and 9 percent from renewable resources (including hydro). At nonutilities, fossil fuels (primarily gas) accounted for 69 percent of total generation, followed by 22 percent from nuclear, and 9 percent from renewables (including hydro).

Utility Retail Sales. Total sales of electricity to ultimate consumers in the United States were 263 billion kilowatthours, 9 billion kilowatthours (3 percent) more than reported in November 2001. The residential sector had sales of 89 billion kilowatthours, 10 percent more than reported in November 2001. Retail sales in the commercial were 3 percent more than reported a year ago. Sales in the industrial sector were down slightly more than reported a year ago.

Utility Fuel Receipts, Costs, and Quality—October 2002

Coal. Receipts of coal at electric utilities totaled 62 million short tons, 2 million short tons less than the amount reported in October 2001. The year-to-date weighted average cost for coal was $1.22 per million Btu. Data for several utilities were not available at the time of publication. In addition, data for Central Power & Light Company, Texas Utilities Electric Company, and West Texas Utilities are no longer included in this data series due to deregulation in Texas in 2002.

Petroleum and Gas. Receipts of petroleum rose to 6.8 million barrels, up 2 million barrels from the level reported in October 2001. Gas receipts totaled 135 billion cubic feet (Bcf), down from 166 Bcf reported in October 2001. Year-to-year comparisons of gas and petroleum receipts were affected by the transfer of plants to the nonutility sector as well as an increase in the number of nonrespondents. The year 2002 10-month weighted average costs were $3.64 and $3.55 for petroleum and natural gas, respectively.

Electric Utility Plants Sold/Transferred and Reclassified as Nonutility Plants in 2002

Utility	Plant	State	Nameplate Capacity (megawatts)	Date[a]	Buyer
Texas Utilities Electric Co	Lake Hubbard	TX	928	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Mountain Creek	TX	958	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	North Lake	TX	709	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Parkdale	TX	341	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Eagle Mount	TX	706	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Graham	TX	635	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Handley	TX	1,433	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Morgan Creek	TX	1,364	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	North Main	TX	81	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Permian Basin	TX	1,097	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Big Brown	TX	1,187	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Collin	TX	156	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Lake Creek	TX	322	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	River Crest	TX	113	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Stryker Creek	TX	713	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Tradinghouse	TX	1,380	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Trinidad	TX	243	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Valley	TX	1,175	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Martin Lake	TX	2,380	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Monticello	TX	1,980	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Sandow	TX	591	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	DeCordova	TX	1,157	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Comanche Peak 1	TX	1,215	January 1, 2002	TXU Generation Co, LLC
Texas Utilities Electric Co	Comanche Peak 2	TX	1,215	January 1, 2002	TXU Generation Co, LLC
Central Power & Light Co	E S Joslin	TX	235	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	Eagle Pass	TX	14	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	J L Bates	TX	166	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	Laredo	TX	168	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	Lon C Hill	TX	511	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	Nueces Bay	TX	514	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	La Palma	TX	242	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	Victoria	TX	461	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	B M Davis	TX	647	January 1, 2002	American Electric Power, Inc
Central Power & Light Co	Coleto Creek	TX	570	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Oklaunion	TX	664	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Abilene	TX	15	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Fort Stockton	TX	5	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Lake Pauline	TX	40	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Oak Creek	TX	75	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Paint Creek	TX	218	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Presidio	TX	2	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Rio Pecos	TX	122	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	San Angelo	TX	110	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Vernon	TX	11	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Fort Phantom	TX	337	January 1, 2002	American Electric Power, Inc
Vermont Yankee Nuc Pwr Corp	Vermont Yankee	VT	563	July 31, 2002	Entergy Nuclear Vermont Yankee, LLC
North Atlantic Energy Serv Corp	Seabrook	NH	1,242	November 1, 2002	FPL Energy Seabrook, LLC
Texas – New Mexico Power Co	TNP ONE	TX	349	November 1, 2002	Sempra Energy Resources
Total			**29,360**		

[a]Start date for facility to begin reporting as a nonutility generator.

Source: Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels, U.S. Department of Energy.

After an electric utility plant is sold/transferred to a nonregulated entity, data on net generation, fuel consumption, and fuel stocks for that plant will be reported as part of the unregulated industry. Consequently, a comparison of data between historical years at the State, Census Division, and U.S. level will be affected by the reclassification of plants.

Electricity Supply and Demand Forecast for 2003[1]

The EIA prepares a short-term forecast for electricity that is published in the Short-Term Energy Outlook and updated monthly. This page provides that forecast for the current year along with explanations behind the forecast.[2]

- While the 2003 economy is expected to continue to recover, electricity demand is expected to be flat since little or no net weather-related demand growth would be expected under our assumption of normal temperatures. Under normal weather assumptions, spring and summer 2003 electricity demand would be about 1.5 percent lower than comparable 2002 levels. Demand growth of 2.7 percent in 2002 was based on both weather-related and economic-related factors. Electricity net generation is expected to be essentially unchanged between 2002 and 2003.

- Total U.S. electricity demand is expected to increase 4.6 percent this winter compared to last winter, due to continuing growth in the economy, a cold heating season thus far and the assumption that normal temperatures will prevail for the remainder of the winter (March). This winter is expected to be 11 percent colder than last winter.

- The price outlook for oil and gas is volatile. The current oil market situation reinforces our view that prices are likely to remain on the high side and subject to substantial volatility through 2003. In the case of natural gas, what originally was characterized as a low probability event at the outset of the heating season came to pass as domestic natural gas spot prices spiked higher in late February and early March. With the above-normal requirements for storage re-injection now looming on top of expected increases in consumption, the United States is going to need as much new supply as it can get to promote short-term market conditions conducive to lower and more stable natural gas prices by next winter.

- Natural gas-generated electricity production is expected to drop 1.5 percent in 2003. Oil-generated electricity production also declines 3.7 percent.

[1]Energy Information Administration, *Short-Term Energy Outlook: January 2003*, DOE/EIA-0202 (Washington, DC, October 2002), www.eia.doe.gov/emeu/steo/pub/contents.html.

[2]Further questions on this section may be directed to the National Energy Information Center at 202-586-8800 (Internet: infoctr@eia.doe.gov).

Electric Supply and Demand

(Billion Kilowatthours)

	2003				
	1st	2nd	3rd	4th	Year
Supply					
Net Electricity Generation[a]					
Coal	494.9	441.0	510.3	463.7	1909.9
Petroleum	28.3	18.3	25.3	13.3	85.3
Natural Gas	121.2	140.2	187.3	105.3	554.0
Nuclear	194.5	190.6	205.1	190.3	780.5
Hydroelectric	72.5	79.7	67.5	64.6	284.3
Geothermal and Other[b]	13.7	13.6	15.3	14.0	56.6
Subtotal	925.1	883.5	1010.8	851.1	3670.5
Other Sectors[c]	44.3	51.2	59.4	53.7	208.7
Total Generation	969.4	934.7	1070.2	904.9	3879.2
Net Imports[d]	6.1	7.7	11.1	6.6	31.4
Total Supply	975.4	942.5	1081.3	911.4	3910.6
Losses and Unaccounted for[e]	65.0	73.9	40.6	33.9	213.3
Demand					
Retail Sales[f]					
Residential	332.4	269.7	380.0	285.7	1267.9
Commercial	262.3	275.2	317.8	268.4	1123.7
Industrial	227.6	235.9	246.8	236.5	946.7
Other	27.5	27.6	31.1	27.9	114.0
Subtotal	849.8	808.4	975.7	818.5	3452.4
Other Use/Sales[g]	60.7	60.1	65.0	59.1	244.9
Total Demand	910.5	868.6	1040.7	877.6	3697.3

[a] Electric utilities and independent power producers.

[b] "Other" includes generation from other gaseous fuels, wind, wood, waste, and solar sources.

[c] Electricity generation from combined heat and power facilities and electricity – only plants in the industrial and commercial sectors.

[d] Data are estimates.

[e] Balancing item, mainly transmission and distribution losses.

[f] Total of retail electricity sales by electric utilities and power marketers. Utility sales for historical periods are reported in EIA's Electric Power Monthly and Electric Power Annual. Power marketers' sales are reported annually in Appendix C of EIA's Electric Sales and Revenue. Quarterly data for power marketers (and thus retail sales totals) are imputed.

[g] Defined as the sum of facility use of onsite net electricity generation plus direct sales of power by industrial- or commercial-sector generators to third parties, reported annually in Table 7.5 of the Monthly Energy Review (MER).

Notes: • Minor discrepancies with other EIA published historical data are due to rounding. • The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: **Historical Data**: Energy Information Administration, latest data available from EIA databases supporting the following reports: Electric Power Monthly, DOE/EIA-0226; **Projections**: Energy Information Administration, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric, and Alternate Fuels.

Heating Degree-Days by Census Division, November 2002

Census Division	Number of Degree-Days			Percent Change	
	Normal[a]	2001	2002	Normal to 2002	2001 to 2002
New England	727	621	793	9	28
Middle Atlantic	667	498	743	11	49
East North Central	757	509	776	2	52
West North Central	644	552	864	34	56
South Atlantic	444	237	401	-10	69
East South Central	449	309	533	19	72
West South Central	293	209	364	24	74
Mountain	676	550	639	-6	16
Pacific Contiguous[b]	396	350	297	-25	-15
U.S. Average[b]	**545**	**398**	**565**	**4**	**42**

[a] "Normal" is based on calculations using temperature data from 1961 through 1990.
[b] Excludes Alaska and Hawaii.
NM = Not meaningful.

Notes: • Heating Degree-days are relative measures of outdoor air temperature used as indices of heating energy requirements. Heating degree-days are the number of degrees per day that the daily average temperature falls below 65 degrees Fahrenheit. • The daily average temperature is the mean of the minimum and maximum temperatures in a 24-hour period.

Source: National Oceanic and Atmospheric Administration's National Weather Service Climate Analysis Center.

Cooling Degree-Days by Census Division, November 2002

Census Division	Number of Degree-Days			Percent Change	
	Normal [a]	2001	2002	Normal to 2002	2001 to 2002
New England	0	0	0	NM	NM
Middle Atlantic	0	0	0	NM	NM
East North Central	0	0	0	NM	NM
West North Central	0	0	0	NM	NM
South Atlantic	49	58	42	NM	NM
East South Central	6	14	7	NM	NM
West South Central	33	63	18	NM	NM
Mountain	4	20	8	NM	NM
Pacific Contiguous	4	2	3	NM	NM
U.S. Average[b]	**13**	**20**	**11**	**NM**	**NM**

[a] "Normal" is based on calculations using temperature data for 1961 through 1990.
[b] Excludes Alaska and Hawaii.
NM = Not meaningful.

Notes: • Cooling degree-days are relative measures of outdoor air temperature used as indices of cooling energy requirements. Cooling degree-days are the number of degrees per day that the daily average temperature falls above 65 degrees Fahrenheit. The daily average temperature is the mean of the minimum and maximum temperatures in a 24-hour period.

Source: National Oceanic and Atmospheric Administration's National Weather Service Climate Analysis Center.

Table 1. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2002

Month/ Company	Type Co.	Plant	State	Generating Unit Number	Net Summer Capability (megawatts)	Energy Source	Unit Type Code
January							
Alabama Electric Coop	U	McWilliams	AL	VAN1	151.0	Gas	CT
				VAN2	151.0	Gas	CT
				VAN3	176.0	Gas	CA
Kissimmee Utility Authority	U	Cane Island	FL	3	215.0	Gas	CC
Rantoul Village of	U	Unknown	IA	1	1.7	Petroleum	IC
				2	1.7	Petroleum	IC
Seminole Electric Coop	U	Payne Creek	FL	3	504.0	Gas	CC
Strawberry Point City of	U	South Strawberry	IA	1A	1.7	Petroleum	IC
				2A	1.7	Petroleum	IC
Viola Village of	U	Viola	WI	3	1.8	Petroleum	IC
Cogen Technologies Linden Vent	N	Linden Cogen Plant	NJ	GTG6	182.8	Gas	CT
Griffith Energy LLC	N	Griffith Energy Project	AZ	CTG1	151.4	Gas	CT
				CTG2	151.4	Gas	CT
				STG	259.5	Gas	CA
Northwestern Wind Power LLC	N	Klondike I Wind Power	OR	Ph1	25.0	Wind	WT
Shady Hills Power Co LLC	N	Shady Hills Generating	FL	G101	154.7	Gas	GT
				G201	154.7	Gas	GT
				G301	154.7	Gas	GT
United States Steel Corp	N	Mon Valley Works	PA	GEN3	190.0	Gas	ST
February							
Graettinger City of	U	Graettinger	IA	6	1.9	Petroleum	IC
Marshall City of	U	Marshall	IL	10	1.7	Petroleum	IC
				11	1.7	Petroleum	IC
				6	1.7	Petroleum	IC
				7	1.7	Petroleum	IC
				8	1.7	Petroleum	IC
				9	1.7	Petroleum	IC
Calpine Corp	N	Gilroy Energy Center	CA	S5	38.3	Gas	GT
Duke Energy Field Services	N	East Texas Gas Plant	TX	G101	0.8	Gas	IC
				G102	0.8	Gas	IC
				G103	0.8	Gas	IC
				G104	0.8	Gas	IC
Green Country OP Services LLC	N	Green Country Energy	NC	CTG1	138.5	Gas	CT
				CTG2	138.5	Gas	CT
				CTG3	138.5	Gas	CT
				STG1	91.2	Gas	CA
				STG2	91.2	Gas	CA
				STG3	91.2	Gas	CA
Merchant Energy Partners	N	Aries Power Project	MO	ST-1	227.9	Gas	CA
Stora Enso North America	N	Stevens Point Mill	WI	SP	7.1	Gas	ST
Williams Generation Co-Hazeltn	N	Continental Energy	PA	GEN3	28.1	Gas	GT
March							
South Carolina Pub Serv Auth	U	John S. Rainey	SC	CT2A	140.0	Gas	CT
AES Red Oak LLC	N	AES Red Oak LLC	NJ	1	182.3	Gas	CT
				2	182.3	Gas	CT
				3	182.3	Gas	CT
Catawba County	N	Blackburn Co-Generation	NC	BB3	0.9	Gas	OT
La Paloma Generating Co LLC	N	La Paloma Generating	CA	GEN1	240.8	Gas	CS
				GEN2	240.8	Gas	CS
				GEN3	240.8	Gas	CS
				GEN4	240.8	Gas	CS
NRG North Central Op Inc	N	Kendall County	IL	CTG1	171.1	Gas	CT
				STG1	108.9	Gas	CA
Oleander Power Project LP	N	Oleander Power Project	FL	OG1	168.3	Gas	GT
				OG2	168.3	Gas	GT
				OG3	168.3	Gas	GT
				OG4	168.3	Gas	GT
Plains End LLC	N	Plains End Generating	CO	GE10	5.6	Gas	IC
				GE11	5.6	Gas	IC
				GE12	5.6	Gas	IC
				GE13	5.6	Gas	IC
				GE14	5.6	Gas	IC
				GE15	5.6	Gas	IC
				GE16	5.6	Gas	IC
				GE17	5.6	Gas	IC
				GE18	5.6	Gas	IC
				GE19	5.6	Gas	IC
				GE20	5.6	Gas	IC

See footnotes at end of table.

Table 1. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2002 (Continued)

Month/ Company	Type Co.	Plant	State	Generating Unit Number	Net Summer Capability (megawatts)	Energy Source	Unit Type Code
				GEN1	5.6	Gas	IC
				GEN2	5.6	Gas	IC
				GEN3	5.6	Gas	IC
				GEN4	5.6	Gas	IC
				GEN5	5.6	Gas	IC
				GEN6	5.6	Gas	IC
				GEN7	5.6	Gas	IC
				GEN8	5.6	Gas	IC
				GEN9	5.6	Gas	IC
Pleasants Energy LLC	N	Pleasants Energy LLC	WV	1	146.2	Gas	GT
				2	146.2	Gas	GT
Renaissance Power LLC	N	Renaissance Power LLC	MI	CT1	144.5	Gas	GT
				CT2	144.5	Gas	GT
				CT3	144.5	Gas	GT
				CT4	144.5	Gas	GT
April							
Cumberland City	U	Cumberland	WI	7	6.5	Petroleum	IC
				8	3.4	Petroleum	IC
Georgia Power	U	Goat Rock CC	GA	1	196.6	Gas	GT
				2	187.2	Gas	CT
				3	187.2	Gas	CT
Gulf Power Co	U	Lansing Smith	FL	3A	148.0	Gas	CT
				3B	148.0	Gas	CT
				3C	155.0	Gas	CA
Lakeland City of	U	Winston	FL	WDO1	12.2	Petroleum	IC
				WDO2	12.2	Petroleum	IC
				WDO3	12.2	Petroleum	IC
				WDO4	12.2	Petroleum	IC
Oglethorpe Pow Corp	U	Talbot	GA	2	102.0	Gas	GT
Rochester Pub Uti	U	Cascade Creek	MN	2	42.4	Gas	GT
Shelbina City	U	Shelbina Power #3	MO	G7	1.7	Petroleum	IC
				G8	1.7	Petroleum	IC
Tampa Elec Co	U	Polk	FL	3	153.0	Gas	GT
Winterset City of	U	Winterset	IA	5	1.8	Petroleum	IC
				6	1.8	Petroleum	IC
				7	1.8	Petroleum	IC
AES Red Oak LLC	N	AES Red Oak LLC	NJ	4	283.8	Gas	CA
ANP Operations Co	N	Hays Energy Project	TX	U2	240.8	Gas	CS
Calpine Corp	N	Calpine King City	CA	CTG1	40.7	Gas	GT
Channel Energy Center	N	Channel Energy Center	TX	CTG2	184.9	Gas	CT
				ST-1	245.1	Gas	CA
Maytag Corp	N	The Hoover Company	TX	544	1.8	Petroleum	IC
				545	1.8	Petroleum	IC
NRG North Central Op Inc	N	Kendall County	IL	CTG2	171.1	Gas	CT
				CTG3	171.7	Gas	CT
				STG3	108.9	Gas	CA
				STG4	108.9	Gas	CA
Orion Power Operating Services	N	Liberty Generating	PA	GTG1	482.5	Gas	CT
				GTG2	482.5	Gas	CT
				STG	396.5	Gas	CA
Southern Co Services Inc	N	Goat Rock CC	GA	1	169.0	Gas	CA
				2	161.0	Gas	CT
				3	161.0	Gas	CT
Whiting Clean Energy Inc	N	Whiting Clean Energy	IN	CT1	183.2	Gas	CA
				CT1	183.2	Gas	CT
				CT2	183.2	Gas	CT
May							
Arcadia City	U	Arcadia	WI	7	1.7	Petroleum	IC
				8	1.7	Petroleum	IC
Associated Elect Coop Inc	U	Holden	MO	1	77.7	Gas	GT
				2	77.7	Gas	GT
				3	77.7	Gas	GT
Avista Corporation	U	Boulder Park	WA	1	3.0	Gas	GT
				2	3.0	Gas	GT
				3	3.0	Gas	GT
				4	3.0	Gas	GT
				5	3.0	Gas	GT
				6	3.0	Gas	GT
Brooklyn City of	U	North Plant	IA	6	1.8	Petroleum	IC
Caroline Pow & Light	U	Trimble County	KY	5	147.9	Gas	GT

See footnotes at end of table.

Table 1. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2002 (Continued)

Month/ Company	Type Co.	Plant	State	Generating Unit Number	Net Summer Capability (megawatts)	Energy Source	Unit Type Code
				6	147.9	Gas	GT
				7	147.9	Gas	GT
				8	147.9	Gas	GT
Delmarva Pow & Light Co	U	Hay Road	DE	8	137.6	Gas	CA
Lakeland City of	U	C D McIntosh Jr	FL	5ST	103.2	Gas	CA
Oglethorpe Pow Corp	U	Talbot	GA	1	102.8	Gas	GT
				3	102.8	Gas	GT
South Carolina Pub Serv Auth	U	John S. Rainey	SC	CT2B	140.0	Gas	GT
Union Elect Co	U	Peno Creek	MO	GT1	51.0	Gas	GT
				GT2	51.0	Gas	GT
				GT3	51.0	Gas	GT
				GT4	51.0	Gas	GT
ANP Operations Co	N	Hays Energy Project	TX	U1	240.8	Gas	CS
Delta Energy Center LLC	N	Delta Energy Center	CA	CTG1	182.3	Gas	CT
				CTG2	182.3	Gas	CT
				CTG3	183.6	Gas	CT
				STG1	263.1	Gas	CA
Dominion Resources Inc	N	Armstrong Energy LLC	PA	1	146.0	Gas	GT
				2	146.0	Gas	GT
				3	146.0	Gas	GT
				4	146.0	Gas	GT
DTE Crete Operations LLC	N	Crete Energy Park	IL	GT1	75.7	Gas	GT
				GT2	75.7	Gas	GT
				GT3	75.7	Gas	GT
				GT4	75.7	Gas	GT
DTE East China LLC	N	DTE East China LLC	MI	GT1	76.0	Gas	GT
				GT2	76.0	Gas	GT
				GT3	76.0	Gas	GT
				GT4	76.0	Gas	GT
Duke Energy Enterprise LLC	N	Enterprise Energy	MS	CT1	68.0	Gas	GT
				CT2	68.0	Gas	GT
				CT3	68.0	Gas	GT
				CT4	68.0	Gas	GT
				CT5	68.0	Gas	GT
				CT6	68.0	Gas	GT
				CT7	68.0	Gas	GT
				CT8	68.0	Gas	GT
Duke Energy Southaven LLC	N	Duke Energy Southhaven	MS	1	68.0	Gas	GT
				2	68.0	Gas	GT
				3	68.0	Gas	GT
				4	68.0	Gas	GT
				5	68.0	Gas	GT
				6	68.0	Gas	GT
				7	68.0	Gas	GT
				8	68.0	Gas	GT
El Paso Merchant Energy Co	N	Bastrop Energy Center	TX	1	155.0	Gas	CT
				2	155.0	Gas	CT
				3	155.0	Gas	CA
Ennis Tractebel Power Co LP	N	Ennis Tractebel Power	TX	GT1	245.1	Gas	CT
				ST1	114.4	Gas	CA
NRG North Central Op Inc	N	Kendall County	IL	CTG4	171.1	Gas	CT
				STG2	108.9	Gas	CA
PPL Sundance Energy LLc	N	Sundance Energy LLC	AZ	CT1	38.3	Gas	GT
				CT2	38.3	Gas	GT
				CT3	38.3	Gas	GT
				CT4	38.3	Gas	GT
				CT5	38.3	Gas	GT
				CT6	38.3	Gas	GT
Rio Nogales Power Project LP	N	Rio Nogales Power	TX	CTG1	150.5	Gas	CT
				CTG2	150.5	Gas	CT
				CTG3	150.5	Gas	CT
				STG1	258.0	Gas	CA
SeaWest Windpower Inc	N	Condon Windpower LLC	OR	GEN2	25.2	Wind	WT
Tenaska Alabama Partners LP	N	Tenaska Lindsay Hill	AL	GTG1	157.5	Gas	CT
				GTG2	157.5	Gas	CT
				GTG3	157.5	Gas	CT
				STG1	335.5	Gas	CA
Tri-State Power LLC	N	Brighton Generating	CO	BR1	65.5	Gas	GT
				BR2	65.5	Gas	GT
Vanderbilt University	N	Vanderbilt University	TN	GT1	4.0	Gas	GT

See footnotes at end of table.

Table 1. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2002 (Continued)

Month/ Company	Type Co.	Plant	State	Generating Unit Number	Net Summer Capability (megawatts)	Energy Source	Unit Type Code
June							
Clarksdale City of	U	Wilkins	MS	3	65.0	Gas	GT
				4	65.0	Gas	GT
Maquoketa City of	U	Maquoketa 2	IA	3	1.9	Petroleum	IC
				4	1.9	Petroleum	IC
McLeansboro City of	U	McLeansboro	IL	9	2.0	Petroleum	IC
Oglethorpe Pow Corp	U	Talbot	GA	4	102.8	Gas	GT
PacifiCorp	U	West Valley Generation	UT	U1	37.0	Gas	GT
				U2	37.0	Gas	GT
				U3	37.0	Gas	GT
				U4	37.0	Gas	GT
				U5	37.0	Gas	GT
Platte River Power Authority	U	Rawhide	CO	A	89.2	Gas	GT
Poplar Bluff City of	U	Poplar Bluff	MO	3	7.0	Petroleum	IC
Pub Serv Co of NM	U	Lordsburg Generating	NM	CT1	40.0	Gas	GT
				CT2	40.0	Gas	GT
South Carolina Elec & Gas Co	U	Urquhart	SC	CT1	95.0	Gas	GT
				CT2	95.0	Gas	GT
Wrangell City of	U	Wrangell	AK	13	2.0	Petroleum	IC
Allegheny Energy Supply Co LLC	N	Buchanan Generating	VA	1	42.9	Gas	GT
				2	42.9	Gas	GT
ANP Operations Co	N	Midlothian Energy	TX	STK5	248.5	Gas	CS
				STK6	248.5	Gas	CS
Aquila Services Inc	N	Raccoon Creek Energy	IL	CT01	97.0	Gas	GT
				CT02	97.0	Gas	GT
				CT03	97.0	Gas	GT
				CT04	97.0	Gas	GT
Bayswater Peaking Facility LLC	N	Bayswater Peaking	NY	1	49.0	Gas	GT
Bluegrass Generation Co LLC	N	Bluegrass Generation Co	KY	CT1	176.8	Gas	GT
				CT2	176.8	Gas	GT
				CT3	176.8	Gas	GT
Calpine Central LP	N	Baytown Energy Center	TX	STG1	309.6	Gas	CA
Calpine Construction F Corp LP	N	Decatur Energy Center,	AL	CTG1	155.0	Gas	CT
				CTG2	155.0	Gas	CT
				STG1	159.0	Gas	CA
Dominion Resources Inc	N	Troy Energy LLC	OH	2	146.0	Gas	GT
				3	146.0	Gas	GT
				4	146.0	Gas	GT
Duke Energy Hot Spring LLC	N	Duke Energy Hot Spring	AR	CT1	171.0	Gas	CT
				CT2	171.0	Gas	CT
				ST1	171.0	Gas	CT
Duke Energy Marshall Cnty LLC	N	Marshall County	KY	CT1	68.0	Gas	GT
				CT2	68.0	Gas	GT
				CT3	68.0	Gas	GT
				CT4	68.0	Gas	GT
				CT5	68.0	Gas	GT
Duke Energy North America LLC	N	Duke Energy Murray	GA	1GT1	126.4	Gas	CT
				1GT2	126.4	Gas	CT
				1STG	259.7	Gas	CA
Duke Energy Sandersville LLC	N	Duke Energy	GA	CT1	73.5	Gas	GT
				CT2	73.5	Gas	GT
				CT3	73.5	Gas	GT
				CT4	73.5	Gas	GT
Duke Energy Washington LLC	N	Washington Energy	OH	CT1	137.6	Gas	CT
				CT2	137.6	Gas	CT
				ST1	258.0	Gas	CA
Freestone Power Generation LP	N	Freestone Power	TX	GT1	142.0	Gas	CT
				GT2	142.0	Gas	CT
				ST3	159.0	Gas	CA
Hermiston Power Partnership	N	Hermiston Power Project	OR	CTG1	215.0	Gas	CT
				CTG2	215.0	Gas	CT
				STG1	267.0	Gas	CA
Mirant Sugar Creek LLC	N	Mirant Sugar Creek	IN	CT01	131.0	Gas	CT
				CT02	131.0	Gas	CT
NRG Rockford II LLC	N	NRG Rockford I Energy	IL	1	154.8	Gas	CT
				2	86.0	Gas	CA
PPL Sundance Energy LLc	N	Sundance Energy LLC	AZ	CT10	38.3	Gas	GT
				CT7	38.3	Gas	GT
				CT8	38.3	Gas	GT
				CT9	38.3	Gas	GT

See footnotes at end of table.

Table 1. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2002 (Continued)

Month/ Company	Type Co.	Plant	State	Generating Unit Number	Net Summer Capability (megawatts)	Energy Source	Unit Type Code
PPL University Park LLC	N	PPL University Park Pwr	IL	1	38.3	Gas	GT
				2	38.3	Gas	GT
				3	38.3	Gas	GT
				4	38.3	Gas	GT
				5	38.3	Gas	GT
				6	38.3	Gas	GT
				7	38.3	Gas	GT
				8	38.3	Gas	GT
				9	38.3	Gas	GT
PSEG Fossil LLC	N	Bergen Generating	NJ	2101	150.0	Gas	CT
				2201	150.0	Gas	CT
				2301	222.0	Gas	CA
Reliant Energy Oseola LLC	N	Reliant Energy Osceola	FL	CTG3	170.0	Gas	GT
Reliant Energy Power Gen Inc	N	Reliant Energy Aurora	IL	CTG1	181.0	Gas	GT
Southeast Chicago Energy Proje	N	Southeast Chicago	IL	GT05	43.3	Gas	GT
				GT06	43.3	Gas	GT
				GT07	43.3	Gas	GT
				GT08	43.3	Gas	GT
				GT09	43.3	Gas	GT
				GT10	43.3	Gas	GT
				GT11	43.3	Gas	GT
				GT12	43.3	Gas	GT
Southern Co Services Inc	N	Wansley	GA	6	167.5	Gas	CA
				7	167.5	Gas	CA
				CT6	159.6	Gas	CT
				CT6A	159.6	Gas	CT
				CT7	159.5	Gas	CT
				CT7A	159.6	Gas	CT
Tenaska Georgia Partners LP	N	Tenaska Georgia	GA	GTG4	156.0	Gas	GT
				GTG5	156.0	Gas	GT
				GTG6	156.0	Gas	GT
Vandolah Power Co LLC	N	Hardee	FL	G101	154.7	Gas	GT
				G201	154.7	Gas	GT
				G301	154.7	Gas	GT
				G401	154.7	Gas	GT
Williams Generation Co-Hazeltn	N	Continental Energy	PA	GEN2	28.1	Gas	GT
				GEN4	28.1	Gas	GT
July							
Avista Corporation	U	Kettle Falls	WA	2	6.0	Gas	GT
Delano City of	U	Delano	MN	9	11.0	Gas	GT
FirstEnergy	U	Sumpter	MI	1	72.0	Gas	GT
				2	72.0	Gas	GT
				3	72.0	Gas	GT
				4	72.0	Gas	GT
Great River Energy	U	Pleasant Valley	MN	3	115.0	Gas	GT
Kansas Electric Power Coop	U	Sharpe	KS	1	1.9	Petroleum	IC
				10	1.9	Petroleum	IC
				2	1.9	Petroleum	IC
				3	1.9	Petroleum	IC
				4	1.9	Petroleum	IC
				5	1.9	Petroleum	IC
				6	1.9	Petroleum	IC
				7	1.9	Petroleum	IC
				8	1.9	Petroleum	IC
				9	1.9	Petroleum	IC
Maquoketa City of	U	Maquoketa 2	IA	1	1.9	Petroleum	IC
				2	1.9	Petroleum	IC
National Pow Coop Inc	U	Robert P Mone	OH	1	168.0	Gas	GT
				2	168.0	Gas	GT
				3	168.0	Gas	GT
PacifiCorp	U	Gadsby	UT	4	43.7	Gas	ST
				5	43.7	Gas	ST
PacifiCorp	U	West Valley Generation	UT	U5	37.0	Gas	GT
Poplar Bluff City of	U	Poplar Bluff	MO	5	7.0	Petroleum	IC
Sitka City & Borough of	U	Indian River	AK	4	4.0	Petroleum	IC
Springfield City of	U	McCartney	MO	MGS1	50.0	Gas	GT
				MGS2	50.0	Gas	GT
Tennessee Valley Authority	U	Kemper County	NC	GT1	79.0	Gas	GT
				GT2	79.0	Gas	GT
				GT3	79.0	Gas	GT

See footnotes at end of table.

Table 1. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2002 (Continued)

Month/ Company	Type Co.	Plant	State	Generating Unit Number	Net Summer Capability (megawatts)	Energy Source	Unit Type Code
				GT4	79.0	Gas	GT
Bayou Cove Peaking Power LLC	N	Bayou Cove Peaking	LA	1	94.0	Gas	GT
				2	94.0	Gas	GT
Bio-Energy Partners	N	Pheasant Run Landfill	WI	GE10	0.8	Gas	IC
				GE11	0.8	Gas	IC
				GEN8	0.8	Gas	IC
				GEN9	0.8	Gas	IC
Calpine Corp	N	Acadia Power Station	LA	CT11	159.0	Gas	CT
				CT12	159.0	Gas	CT
				ST13	223.0	Gas	CA
Calpine Corp	N	Oneta Energy Center	OK	CTG1	163.0	Gas	CT
				CTG2	163.0	Gas	CT
				CTG3	163.0	Gas	CT
				CTG4	163.0	Gas	CT
Duke Energy Moss Landing LLC	N	Duke Energy Moss	CA	NWG1	455.8	Gas	CT
				NWG2	455.8	Gas	CT
Duke Energy North America LLC	N	Duke Energy Murray	GA	2GT1	126.4	Gas	CT
				2GT2	126.4	Gas	CT
				2STG	126.4	Gas	CA
Duke Energy Sandersville LLC	N	Duke Energy	GA	CT5	73.5	Gas	GT
				CT6	73.5	Gas	GT
				CT7	73.5	Gas	GT
				CT8	73.5	Gas	GT
Freestone Power Generation LP	N	Freestone Power	TX	GT3	142.0	Gas	CT
				GT4	142.0	Gas	CT
				ST6	159.0	Gas	CA
GWF Energy LLC	N	Henrietta Peaker	CA	HPP 1	41.9	Gas	GT
				HPP 2	41.9	Gas	GT
Kinder Morgan Power Co	N	Jackson MI Facility	MI	7EA	67.0	Gas	GT
				LM1	51.0	Gas	CT
				LM2	51.0	Gas	CT
				LM3	51.0	Gas	CT
				LM4	51.0	Gas	CT
				LM5	51.0	Gas	CT
				LM6	51.0	Gas	CT
				ST1	98.0	Gas	CA
				ST2	98.0	Gas	CA
Pinnacle West Energy	N	Redhawk Unit 1	AZ	GE1	147.9	Gas	CT
				GE2	147.9	Gas	CT
				GE3	162.5	Gas	CA
Pinnacle West Energy	N	Redhawk Unit 2	AZ	GE1	147.9	Gas	CT
				GE2	147.9	Gas	CT
				GE3	162.9	Gas	CA
PPL Shoreham Enegy LLC	N	PPL Shoreham Energy	NY	CT01	42.5	Petroleum	GT
				CT02	42.5	Petroleum	GT
PPL University Park LLC	N	PPL University Park Pwr	IL	10	38.3	Gas	GT
				11	38.3	Gas	GT
				12	38.3	Gas	GT
Taft Cogeneration LP	N	Taft Cogeneration	LA	CT1	145.0	Gas	CT
Vanderbilt University	N	Vanderbilt University	TN	GT2	4.0	Gas	GT
Wrightsville Power Fac LLC	N	Wrightsville Power	AR	G1	52.0	Gas	CT
				G2	52.0	Gas	CT
				G3	52.0	Gas	CT
				G4	52.0	Gas	CT
				G5	52.0	Gas	CT
				G6	52.0	Gas	CT
				G7	91.0	Gas	CA
				G8	91.0	Gas	CA
				G9	91.0	Gas	CA
August							
Basin Electric Power Coop	U	Hartzog	WY	2	7.5	Gas	GT
				3	7.5	Gas	GT
Metropolitan Water District	U	Diamond Valley Lake	CA	10	3.0	Water	HY
				11	3.0	Water	HY
				12	3.0	Water	HY
				5	3.0	Water	HY
				6	3.0	Water	HY
				7	3.0	Water	HY
				8	3.0	Water	HY
PacifiCorp	U	Gadsby	UT	6	43.7	Gas	ST

See footnotes at end of table.

Table 1. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2002 (Continued)

Month/ Company	Type Co.	Plant	State	Generating Unit Number	Net Summer Capability (megawatts)	Energy Source	Unit Type Code
Platte River Power Authority	U	Rawhide	CO	B	89.2	Gas	GT
Poplar Bluff City of	U	Poplar Bluff	MO	4	7.0	Petroleum	IC
ANP Operations Co	N	Hays Energy Project	TX	U3	240.8	Gas	CS
				U4	240.8	Gas	CS
Bayou Cove Peaking Power LLC	N	Bayou Cove Peaking	LA	3	94.0	Gas	GT
Calpine Corp	N	Acadia Power Station	LA	CT24	159.0	Gas	CT
				CT25	159.0	Gas	CT
				ST26	223.0	Gas	CA
Calpine Eastern Corp	N	Ontelaunee Energy	PA	CTG1	197.8	Gas	CT
				CTG2	197.8	Gas	CT
				STG	197.8	Gas	CA
Duke Energy Marshall Cnty LLC	N	Marshall County	KY	CT6	68.0	Gas	GT
				CT7	68.0	Gas	GT
				CT8	68.0	Gas	GT
Frederickson Power LP	N	Frederickson Power LP	WA	FICT	143.0	Gas	CT
				FIST	82.1	Gas	CA
Mirant Zeeland LLC	N	Mirant Zeeland	MI	2A	158.2	Gas	CT
				2B	158.2	Gas	CT
				2C	163.4	Gas	CA
Ouachita Operating Services LL	N	Ouachita	LA	CTG1	154.2	Gas	CT
				CTG2	154.2	Gas	CT
				CTG3	154.2	Gas	CT
				STG1	104.9	Gas	CA
				STG2	104.9	Gas	CA
				STG3	104.9	Gas	CA
Taft Cogeneration LP	N	Taft Cogeneration	LA	CT2	145.0	Gas	CT
TransAlta Centralia Gen LLC	N	Transalta Centralia	WA	30	40.4	Gas	CT
				40	40.4	Gas	CT
				50	40.4	Gas	CT
				60	40.4	Gas	CT
				70	68.8	Gas	CA
September							
Basin Electric Power Coop	U	Arvada	WY	1	7.5	Gas	GT
				2	7.5	Gas	GT
				3	7.5	Gas	GT
Basin Electric Power Coop	U	Barber Creek	WY	1	7.5	Gas	GT
				2	7.5	Gas	GT
				3	7.5	Gas	GT
Clarksdale City of	U	L L Wilkins	MS	1	77.0	Gas	GT
				2	77.0	Gas	GT
Ameren Energy Generating Co	N	Elgin Energy Center	IL	CT01	115.0	Gas	GT
Bio-Energy Partners	N	Ridgeview	WI	GEN1	0.8	Gas	IC
				GEN2	0.8	Gas	IC
				GEN3	0.8	Gas	IC
Biola University	N	Biola University	CA	EG3	1.0	Gas	IC
Corpus Christi Cogeneration LP	N	Corpus Christi Energy	TX	CT1	161.5	Gas	CT
Holland Energy LLC	N	Holland Energy Facility	IL	CTG1	154.0	Gas	CT
				CTG2	154.0	Gas	CT
				STG1	297.0	Gas	CA
Taft Cogeneration LP	N	Taft Cogeneration	LA	CT3	145.0	Gas	CT
University of Missouri-Columbia	N	University of Missouri-	MO	DGT1	2.0	Petroleum	IC
				NTG1	10.8	Gas	GT
				NTG2	10.8	Gas	GT
October							
Arizona Electric Power Coop	U	Apache	AZ	GT4	40.0	Gas	GT
Platte River Power Authority	U	Rawhide	CO	C	89.2	Gas	GT
Ameren Energy Generating Co	N	Elgin Energy Center	IL	CT02	115.0	Gas	GT
				CT03	115.0	Gas	GT
Black Hills Colorado LLC	N	Arapahoe Combustion	CO	UN7	44.5	Gas	CA
Corpus Christi Cogeneration LP	N	Corpus Christi Energy	TX	CT2	161.5	Gas	CT
				ST1	159.1	Gas	CA
FPL Energy Operating Serv Inc	N	FPLE Rhode Island State	RI	CTG1	168.6	Gas	CT
				CTG2	168.6	Gas	CT
				STG1	175.4	Gas	CA
Granger Electric Co	N	Brent Run Generating	MI	7--3	0.8	Gas	IC
Taft Cogeneration LP	N	Taft Cogeneration	LA	ST1	302.0	Gas	CA
November							
North Central Power Co Inc	U	Winter	WI	IC1	3.0	Petroleum	IC
				IC2	3.0	Petroleum	IC
Public Service Co of NM	U	Afton Generating Station	NM	1	150.5	Gas	GT

See footnotes at end of table.

Table 1. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2002 (Continued)

Month/ Company	Type Co.	Plant	State	Generating Unit Number	Net Summer Capability (megawatts)[1]	Energy Source	Unit Type Code
Salt River Proj I & P Dist	U	Kyrene	AZ	KY7	129.0	Gas	CT
				KY7A	86.0	Gas	CA
Alburquerque City of	N	Southside Water	NM	GEN1	2.1	Gas	IC
				GEN2	2.1	Gas	IC
Ameren Energy Generating Co	N	Elgin Energy Center	IL	CT04	115.0	Gas	GT
Aventis Pharmaceuticals Inc	N	Aventis Pharmaceuticals	NJ	2	3.8	Gas	GT
Total Capacity of Newly Added Units	-	-	-	-	**46,427.7**	-	-
Total Capacity of Retired Units	-	-	-	-	-	-	-
US Total Capacity	-	-	-	-	**901,494.4**	-	-

[1] Net summer capability is estimated.

Notes: • 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 Inventory of Electric Utility Power Plants in the United States (DOE/EIA-0095) and Inventory of Nonutility Electric Power Plants in the United States (DOE/EOA-0095/2). • Type Companies are: U = Utility and N= Nonutility. • Unit Type Codes are: CA = Combined Cycle Steam, CC = Combined Cycle - Total Unit, CT = Combined Cycle Combustion Turbine, CW = Combined Cycle Steam Turbine - Waste Heat Boiler only, GT = Combustion (gas) Turbine, HY = Hydraulic Turbine (Conventional), IC = Internal Combustion, PV = Photovoltaic Module, ST = Steam Turbine-Boiler, WT = Wind Turbine.

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

Table 2. U.S. Electric Power Industry Summary Statistics

Items	November 2002	October 2002	November 2001	Year To Date		
				2002	2001	Difference (percent)
Electric Power Industry						
Net Generation (Million kWh)						
Coal	155,928	159,545	144,356	1,754,670	1,754,863	*
Petroleum[3]	6,186	7,783	5,962	83,875	121,353	-30.9
Gas	47,008	55,239	43,985	648,269	603,956	7.3
Nuclear Power	61,520	60,493	62,338	710,555	701,407	1.3
Hydroelectric (Pumped Storage)[4]	-615	-661	-770	-7,737	-8,129	-4.8
Renewable						
Hydroelectric (Conventional)	19,637	16,666	15,323	241,908	197,656	22.4
Geothermal	1,124	1,133	1,155	12,268	12,685	-3.3
Biomass	5,453	5,715	5,965	65,936	63,688	3.5
Wind	583	672	365	7,955	5,404	47.2
Photovoltaic/Solar	30	55	62	713	814	-12.4
All Energy Sources	296,854	306,642	278,742	3,518,411	3,453,696	1.9
Consumption[2]						
Coal (1,000 short tons)	79,094	80,439	74,633	891,981	899,281	-0.8
Petroleum (1,000 barrels)[5]	9,060	11,764	8,876	122,287	196,547	-37.8
Gas (1,000 Mcf)	466,718	555,590	466,912	6,390,005	6,453,893	-1.0
Stocks (end-of-month)[2]						
Coal (1,000 short tons)	156,113	152,112	147,186	-	-	-
Petroleum (1,000 barrels)[6]	43,944	42,677	54,892	-	-	-
Nonutility						
Net Generation (Million kWh)[1]						
Coal	35,042	34,872	26,737	368,449	323,908	13.8
Petroleum[3]	2,651	2,881	2,216	31,886	46,346	-31.2
Gas	33,971	37,440	28,763	430,959	354,953	21.4
Nuclear Power	22,943	21,260	20,927	246,786	212,129	16.3
Hydroelectric (Pumped Storage)[4]	-76	-110	-79	-854	-1,020	-16.3
Renewable						
Hydroelectric (Conventional)	1,903	1,364	1,028	20,453	17,678	15.7
Geothermal	1,107	1,115	1,141	12,101	12,542	-3.5
Biomass	5,288	5,540	5,841	64,350	61,954	3.9
Wind	557	655	356	7,779	5,279	47.4
Solar	30	55	62	709	810	-12.5
All Energy Sources	103,416	105,072	86,992	1,182,621	1,034,581	14.3
Consumption[1]						
Coal (1,000 short tons)	17,383	17,550	13,473	188,888	160,706	17.5
Petroleum (1,000 barrels)[5]	3,617	4,206	3,386	43,086	75,767	-43.1
Gas (1,000 Mcf)	343,888	382,342	315,643	4,261,908	3,920,885	8.7
Stocks (end-of-month)[1]						
Coal (1,000 short tons)	37,457	36,864	31,936	-	-	-
Petroleum (1,000 barrels)	16,074	16,156	20,876	-	-	-
Electric Utility						
Net Generation (Million kWh)[2]						
Coal	120,886	124,674	117,619	1,386,220	1,430,955	-3.1
Petroleum[3]	3,535	4,902	3,747	51,989	75,007	-30.7
Gas	13,037	17,800	15,223	217,310	249,003	-12.7
Nuclear Power	38,577	39,233	41,411	463,769	489,278	-5.2
Hydroelectric (Pumped Storage)[4]	-539	-551	-692	-6,883	-7,109	-3.2
Renewable						
Hydroelectric (Conventional)	17,734	15,303	14,295	221,455	179,978	23.0
Geothermal	17	18	14	167	142	17.1
Biomass	165	175	124	1,586	1,734	-8.5
Wind	26	17	9	176	125	40.4
Photovoltaic	*	*	*	3	3	-1.0
All Energy Sources	193,438	201,569	191,749	2,335,791	2,419,116	-3.4
Consumption[2]						
Coal (1,000 short tons)	61,711	62,889	61,160	703,093	738,575	-4.8
Petroleum (1,000 barrels)[5]	5,443	7,559	5,490	79,200	120,780	-34.4
Gas (1,000 Mcf)	122,830	173,249	151,268	2,128,098	2,533,008	-16.0
Stocks (end-of-month)[2]						
Coal (1,000 short tons)	118,656	115,249	115,250	-	-	-
Petroleum (1,000 barrels)[6]	27,870	26,521	34,016	-	-	-

See footnotes at end of table.

Table 2. U.S. Electric Power Industry Summary Statistics (Continued)

Items	November 2002	October 2002	November 2001	Year To Date		
				2002	2001	Difference (percent)
Electric Utility						
Retail Sales (Million kWh)[7]						
Residential	88,903	94,277	81,077	1,157,952	1,104,771	4.8
Commercial	85,425	95,466	83,224	1,034,190	999,531	3.5
Industrial	79,983	84,832	80,182	894,466	916,327	-2.4
Other[8]	8,428	9,477	9,129	100,978	107,712	-6.3
All Sectors	262,738	284,052	253,611	3,187,586	3,128,341	1.9
Revenue (Million Dollars)[7]						
Residential	7,405	8,062	6,876	97,999	94,983	3.2
Commercial	6,662	7,809	6,440	82,172	79,266	3.7
Industrial	3,763	4,116	3,835	43,405	46,683	-7.0
Other[8]	560	632	589	6,656	6,945	-4.2
All Sectors	18,390	20,619	17,740	230,232	227,877	1.0
Average Revenue/kWh (Cents)[7]						
Residential	8.33	8.55	8.48	8.46	8.60	-1.6
Commercial	7.80	8.18	7.74	7.95	7.93	0.2
Industrial	4.70	4.85	4.78	4.85	5.09	-4.7
Other[8]	6.65	6.67	6.45	6.59	6.45	2.2
All Sectors	7.00	7.26	6.99	7.22	7.28	-0.8

	October 2002 [9]	September 2002 [9]	October 2001 [9]	Year To Date		
				2002 [9]	2001 [9]	Difference (percent)
Receipts						
Coal (1,000 short tons)	62,424	58,245	64,442	571,486	637,884	-10.4
Petroleum (1,000 barrels)[10]	6,787	3,955	4,838	52,032	103,080	-49.5
Gas (1,000 Mcf)	134,776	165,108	165,688	1,442,289	1,917,870	-24.8
Cost (cents/million Btu)[11]						
Coal	122.4	123.0	121.0	122.1	123.2	-0.9
Petroleum[12]	426.9	385.4	325.6	364.3	403.5	-9.7
Gas[13]	414.7	367.6	271.5	355.4	464.8	-23.6

[1] Values are estimated based on a cutoff sample; see Technical Notes for a discussion of the sample design for Form EIA-900.

[2] Values for 2002 are estimates based on a cutoff model sample; see Technical Notes for a discussion of the sample design for the Form EIA-906. 2001 estimates have been adjusted to reflect the Form EIA-906 census data; see Technical Notes for adjustment methodology.

[3] Includes petroleum coke.

[4] Represents total pumped storage facility production minus energy used for pumping. Pumping energy used at pumped storage plants for November 2002 was 2,099 million kilowatthours.

[5] The November 2002 petroleum coke consumption was 93,240 short tons for electric utilities and 304,185 short tons for nonutilities.

[6] The November 2002 petroleum coke stocks were 272,430 short tons for electric utilities.

[7] Values for 2002 are estimates based on a cutoff model sample; see Technical Notes for a discussion of the sample design for the Form EIA-826. Values for 2001 have been revised and are preliminary. Retail revenue and retail average revenue per kilowatthour do not include taxes such as sales and excise taxes that are assessed on the consumer and collected through the utility. 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.

[8] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

[9] Values for 2002 and 2001 preliminary.

[10] The October 2002 petroleum coke receipts were 338,320 short tons.

[11] Average cost of fuel delivered to electric generating plants; cost values are weighted values.

[12] The October 2002 petroleum coke cost was 53.0 cents per million Btu.

[13] Includes small amounts of coke-oven, refinery, and blast-furnace gas.

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • kWh=kilowatthours, and Mcf=thousand cubic feet. • Monetary values are expressed in nominal terms.

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

U.S. Electric Utility Net Generation

Table 3. U.S. Electric Utility Net Generation, 1990 Through November 2002

(Million Kilowatthours)

Period	Coal	Petroleum[1]	Gas[2]	Nuclear	Hydro-Electric	Geothermal	Other[3]	Total
1990	**1,559,606**	**117,017**	**264,089**	**576,862**	**279,926**	**8,581**	**2,070**	**2,808,151**
1991	**1,551,167**	**111,463**	**264,172**	**612,565**	**275,519**	**8,087**	**2,050**	**2,825,023**
1992	**1,575,895**	**88,916**	**263,872**	**618,776**	**239,559**	**8,104**	**2,096**	**2,797,219**
1993	**1,639,151**	**99,539**	**258,915**	**610,291**	**265,063**	**7,571**	**1,994**	**2,882,525**
1994	**1,635,493**	**91,039**	**291,115**	**640,440**	**243,693**	**6,941**	**1,992**	**2,910,712**
1995	**1,652,914**	**60,844**	**307,306**	**673,402**	**293,653**	**4,745**	**1,664**	**2,994,529**
1996	**1,737,453**	**67,346**	**262,730**	**674,729**	**327,970**	**5,234**	**1,980**	**3,077,442**
1997	**1,787,806**	**77,753**	**283,625**	**628,644**	**337,233**	**5,469**	**1,993**	**3,122,522**
1998	**1,807,480**	**110,158**	**309,222**	**673,702**	**304,403**	**5,176**	**2,030**	**3,212,171**
1999	**1,767,679**	**86,929**	**296,381**	**725,036**	**293,932**	**1,698**	**2,018**	**3,173,674**
2000								
January	153,871	4,771	18,152	66,214	22,811	14	158	265,991
February	137,477	3,184	16,166	60,053	20,253	13	177	237,324
March	135,329	2,974	20,186	58,704	23,997	13	194	241,397
April	122,437	3,110	20,937	54,514	25,830	13	191	227,031
May	134,171	5,743	29,146	59,864	24,755	13	198	253,890
June	145,722	7,395	29,226	62,973	22,636	13	164	268,128
July	150,690	7,004	35,077	64,538	21,920	13	180	279,421
August	156,643	8,689	38,381	62,905	19,875	13	176	286,682
September	139,802	7,488	27,366	54,521	15,783	11	165	245,137
October	137,211	5,758	20,693	49,097	15,434	12	185	228,389
November	134,200	4,914	17,332	52,841	17,288	12	177	226,765
December	149,065	11,150	18,054	59,209	17,613	13	125	255,229
Total	**1,696,619**	**72,180**	**290,715**	**705,433**	**248,195**	**151**	**2,090**	**3,015,383**
2001								
January	143,601	11,245	15,687	48,873	16,519	14	167	236,107
February	121,342	6,070	13,643	43,544	15,628	12	141	200,381
March	126,826	6,753	16,826	43,476	18,045	14	176	212,116
April	115,574	6,826	20,771	39,031	15,287	13	174	197,676
May	126,350	7,010	22,918	43,328	16,647	*	183	216,436
June	134,165	7,753	25,865	47,849	17,863	15	190	233,699
July	147,348	7,225	35,093	48,444	15,594	16	180	253,900
August	149,805	8,944	35,267	48,262	16,674	16	194	259,161
September	126,751	5,190	25,363	43,859	13,342	13	167	214,685
October	121,573	4,244	22,347	41,200	13,666	16	158	203,204
November	117,619	3,747	15,223	41,411	13,603	14	133	191,749
December	129,191	3,913	15,431	44,929	17,236	10	137	210,847
Total	**1,560,146**	**78,919**	**264,434**	**534,207**	**190,105**	**152**	**1,999**	**2,629,962**
2002								
January	131,313	3,997	15,492	46,960	19,565	16	159	217,503
February	112,494	3,128	14,223	40,338	17,912	15	147	188,257
March	119,218	4,960	16,574	42,230	18,260	16	174	201,433
April	110,816	5,160	17,011	39,054	21,291	13	132	193,476
May	120,135	5,464	17,825	40,469	23,620	16	136	207,665
June	130,456	4,929	23,419	42,988	25,129	14	121	227,056
July	144,573	5,599	29,415	46,101	22,845	14	148	248,695
August	141,438	5,411	29,376	45,960	18,909	11	177	241,283
September	130,218	4,904	23,137	41,859	15,093	17	188	215,416
October	124,674	4,902	17,800	39,233	14,752	18	192	201,569
November	120,886	3,535	13,037	38,577	17,195	17	191	193,438
Total	**1,386,220**	**51,989**	**217,310**	**463,769**	**214,571**	**167**	**1,765**	**2,335,791**
Year to Date								
2002	**1,386,220**	**51,989**	**217,310**	**463,769**	**214,571**	**167**	**1,765**	**2,335,791**
2001	**1,430,955**	**75,007**	**249,003**	**489,278**	**172,869**	**142**	**1,862**	**2,419,116**
2000	**1,547,554**	**61,030**	**272,662**	**646,224**	**230,582**	**138**	**1,965**	**2,760,155**

[1] Includes fuel oils nos. 1, 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke.

[2] Includes supplemental gaseous fuel.

[3] Includes biomass, wind, photovoltaic, and solar thermal energy sources.

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Values for electric utilities for 2002 are estimates based on a cutoff model sample - see Technical Notes for a discussion of the sample design for the Form EIA-759 • Values for electric utilities for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary - see Technical Notes for adjustment methodology. • Values for electric utilities for 2000 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 will affect comparisons of current and historical data.

Sources: • 1990 - 2000: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report." • 2001 forward - Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 4. U.S. Electric Utility Net Generation by Nonrenewable Energy Source, 1990 Through November 2002

(Million Kilowatthours)

Period	All Nonrenewable Energy Sources	Coal[1]	Petroleum[2]	Gas	Nuclear	Hydroelectric (Pumped Storage)[3]
1990	**2,514,066**	**1,559,606**	**117,017**	**264,089**	**576,862**	**-3,508**
1991	**2,534,825**	**1,551,167**	**111,463**	**264,172**	**612,565**	**-4,541**
1992	**2,543,283**	**1,575,895**	**88,916**	**263,872**	**618,776**	**-4,177**
1993	**2,603,861**	**1,639,151**	**99,539**	**258,915**	**610,291**	**-4,036**
1994	**2,654,708**	**1,635,493**	**91,039**	**291,115**	**640,440**	**-3,378**
1995	**2,691,742**	**1,652,914**	**60,844**	**307,306**	**673,402**	**-2,725**
1996	**2,739,170**	**1,737,453**	**67,346**	**262,730**	**674,729**	**-3,088**
1997	**2,773,787**	**1,787,806**	**77,753**	**283,625**	**628,644**	**-4,041**
1998	**2,896,121**	**1,807,480**	**110,158**	**309,222**	**673,702**	**-4,441**
1999	**2,870,044**	**1,767,679**	**86,929**	**296,381**	**725,036**	**-5,982**
2000						
January	242,539	153,871	4,771	18,152	66,214	-470
February	216,479	137,477	3,184	16,166	60,053	-401
March	216,659	135,329	2,974	20,186	58,704	-534
April	200,655	122,437	3,110	20,937	54,514	-342
May	228,489	134,171	5,743	29,146	59,864	-435
June	244,816	145,722	7,395	29,226	62,973	-500
July	257,061	150,690	7,004	35,077	64,538	-247
August	266,300	156,643	8,689	38,381	62,905	-317
September	228,608	139,802	7,488	27,366	54,521	-570
October	212,404	137,211	5,758	20,693	49,097	-354
November	208,974	134,200	4,914	17,332	52,841	-314
December	237,003	149,065	11,150	18,054	59,209	-475
Total	**2,759,988**	**1,696,619**	**72,180**	**290,715**	**705,433**	**-4,960**
2001						
January	218,879	143,601	11,245	15,687	48,873	-528
February	184,198	121,342	6,070	13,643	43,544	-402
March	193,408	126,826	6,753	16,826	43,476	-473
April	181,679	115,574	6,826	20,771	39,031	-523
May	198,935	126,350	7,010	22,918	43,328	-671
June	214,846	134,165	7,753	25,865	47,849	-786
July	237,275	147,348	7,225	35,093	48,444	-835
August	241,439	149,805	8,944	35,267	48,262	-839
September	200,340	126,751	5,190	25,363	43,859	-823
October	188,827	121,573	4,244	22,347	41,200	-537
November	177,307	117,619	3,747	15,223	41,411	-692
December	192,868	129,191	3,913	15,431	44,929	-595
Total	**2,430,001**	**1,560,146**	**78,919**	**264,434**	**534,207**	**-7,704**
2002						
January	197,104	131,313	3,997	15,492	46,960	-658
February	169,665	112,494	3,128	14,223	40,338	-518
March	182,379	119,218	4,960	16,574	42,230	-604
April	171,529	110,816	5,160	17,011	39,054	-512
May	183,462	120,135	5,464	17,825	40,469	-431
June	201,038	130,456	4,929	23,419	42,988	-754
July	224,791	144,573	5,599	29,415	46,101	-898
August	221,449	141,438	5,411	29,376	45,960	-736
September	199,435	130,218	4,904	23,137	41,859	-683
October	186,057	124,674	4,902	17,800	39,233	-551
November	175,496	120,886	3,535	13,037	38,577	-539
Total	**2,112,405**	**1,386,220**	**51,989**	**217,310**	**463,769**	**-6,883**
Year to Date						
2002	**2,112,405**	**1,386,220**	**51,989**	**217,310**	**463,769**	**-6,883**
2001	**2,237,133**	**1,430,955**	**75,007**	**249,003**	**489,278**	**-7,109**
2000	**2,522,985**	**1,547,554**	**61,030**	**272,662**	**646,224**	**-4,485**

[1] Includes lignite, bituminous coal, subbituminous coal, and anthracite.

[2] Includes fuel oils Nos. 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke.

[3] Pumping energy used for pumped storage plants for November 2002 was 3,191 million kilowatthours.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary --see Technical Notes for adjustment methodology. Values for 2000 and prior years are final. • Total 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 will affect comparisons of current and historical data.

Sources: • 1990 - 2000: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report." • 2001 forward - Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 5. U.S. Electric Utility Net Generation by Renewable Energy Source, 1990 Through November 2002

(Thousand Kilowatthours)

Period	All Renewable Energy Sources	Hydroelectric (Conventional)	Geothermal	Biomass	Wind	Photovoltaic	Solar Thermal
1990	**294,085,003**	**283,433,659**	**8,581,228**	**2,067,270**	**398**	**2,448**	**NA**
1991	**290,197,798**	**280,060,621**	**8,087,055**	**2,046,499**	**285**	**3,338**	**NA**
1992	**253,936,260**	**243,736,029**	**8,103,809**	**2,092,945**	**308**	**3,169**	**NA**
1993	**278,663,780**	**269,098,329**	**7,570,999**	**1,990,407**	**243**	**3,802**	**NA**
1994	**256,003,613**	**247,070,938**	**6,940,637**	**1,988,257**	**309**	**3,472**	**NA**
1995	**302,786,828**	**296,377,840**	**4,744,804**	**1,649,178**	**11,097**	**3,909**	**NA**
1996	**338,272,329**	**331,058,053**	**5,233,927**	**1,967,057**	**10,123**	**3,169**	**NA**
1997	**348,735,077**	**341,273,443**	**5,469,110**	**1,983,066**	**5,977**	**3,481**	**NA**
1998	**316,049,764**	**308,843,767**	**5,176,280**	**2,024,242**	**2,957**	**2,518**	**NA**
1999	**303,629,922**	**299,913,955**	**1,698,400**	**1,991,534**	**22,998**	**3,035**	**NA**
2000							
January	23,452,309	23,280,823	13,666	154,473	3,300	47	NA
February	20,844,360	20,654,471	12,608	173,562	3,610	109	NA
March	24,737,803	24,530,640	12,744	192,488	1,790	141	NA
April	26,376,090	26,172,009	13,350	188,853	1,688	190	NA
May	25,400,915	25,190,065	12,783	195,698	2,087	282	NA
June	23,312,593	23,136,233	12,503	161,271	2,286	300	NA
July	22,359,831	22,167,420	12,886	177,157	1,943	425	NA
August	20,381,800	20,192,802	12,907	173,824	1,925	342	NA
September	16,528,223	16,352,489	10,827	162,889	1,700	318	NA
October	15,984,963	15,787,970	11,679	183,003	2,104	207	NA
November	17,791,050	17,602,061	12,314	172,363	4,209	103	NA
December	18,225,804	18,087,738	13,108	122,917	1,962	79	NA
Total	**255,395,741**	**253,154,721**	**151,375**	**2,058,498**	**28,604**	**2,543**	**NA**
2001							
January	17,227,785	17,047,166	13,671	158,135	8,783	30	NA
February	16,182,865	16,029,834	12,322	132,268	8,293	148	NA
March	18,707,541	18,517,880	13,596	165,138	10,674	253	NA
April	15,997,260	15,810,690	12,934	159,652	13,728	256	NA
May	17,501,049	17,318,470	-160	170,276	12,042	421	NA
June	18,853,608	18,648,904	14,817	177,472	12,026	389	NA
July	16,625,184	16,429,286	15,994	166,355	13,078	471	NA
August	17,722,661	17,512,395	16,289	180,297	13,252	428	NA
September	14,345,335	14,165,303	13,057	155,364	11,218	393	NA
October	14,377,108	14,203,076	15,866	145,280	12,590	296	NA
November	14,441,874	14,294,834	14,003	123,570	9,331	136	NA
December	17,978,824	17,831,363	10,064	127,335	9,951	111	NA
Total	**199,961,094**	**197,809,201**	**152,453**	**1,861,142**	**134,966**	**3,332**	**NA**
2002							
January	20,398,652	20,223,495	16,481	140,568	17,976	132	NA
February	18,592,433	18,430,092	14,989	130,208	16,951	193	NA
March	19,054,065	18,864,068	15,820	157,851	16,046	280	NA
April	21,946,846	21,802,225	12,877	115,744	15,709	291	NA
May	24,202,702	24,050,757	16,052	121,982	13,585	326	NA
June	26,018,099	25,883,017	14,121	110,303	10,219	439	NA
July	23,904,258	23,742,150	14,276	136,904	10,491	437	NA
August	19,833,378	19,645,159	10,762	163,295	13,729	433	NA
September	15,981,610	15,776,900	17,020	169,582	17,795	313	NA
October	15,512,201	15,302,625	17,641	174,717	17,001	217	NA
November	17,941,662	17,734,107	16,688	164,729	26,011	127	NA
Total	**223,385,906**	**221,454,595**	**166,727**	**1,585,883**	**175,513**	**3,188**	**NA**
Year to Date							
2002	**223,385,906**	**221,454,595**	**166,727**	**1,585,883**	**175,513**	**3,188**	**NA**
2001	**181,982,270**	**179,977,838**	**142,389**	**1,733,807**	**125,015**	**3,221**	**NA**
2000	**237,169,937**	**235,066,983**	**138,267**	**1,935,581**	**26,642**	**2,464**	**NA**

NA = This estimated value is not available due to insufficient data or inadequate data/model performance.

Notes: • Values for 2002 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary --see Technical Notes for adjustment methodology. Values for 2000 and prior years are final. • Total 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.

Sources: • 1990 - 2000: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report." • 2001 forward - Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 6. Electric Utility Net Generation by NERC Region and Hawaii

(Million Kilowatthours)

NERC Region and Hawaii	November 2002	October 2002	November 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR	39,008	38,946	35,404	445,098	435,743	2.1
ERCOT	6,002	6,844	14,160	94,128	198,504	-52.6
FRCC	11,712	15,013	11,427	150,943	151,784	-0.6
MAAC	170	199	240	2,271	3,839	-40.8
MAIN	8,674	9,366	9,512	106,008	113,623	-6.7
MAPP (U.S.)	14,903	15,615	13,568	167,784	155,512	7.9
NPCC (U.S.)	4,234	4,811	5,286	55,958	75,460	-25.8
SERC	50,539	51,180	45,560	592,293	576,112	2.8
SPP	23,037	24,370	21,707	290,229	294,930	-1.6
WSCC (U.S.)	34,172	34,184	33,928	420,017	402,849	4.3
Contiguous U.S.	**192,453**	**200,528**	**190,791**	**2,324,728**	**2,408,356**	**-3.5**
Alaska	462	444	452	5,013	4,898	2.3
Hawaii	523	596	507	6,049	5,861	3.2
Noncontiguous U.S.	**985**	**1,041**	**958**	**11,063**	**10,760**	**2.8**
U.S. Total	**193,438**	**201,569**	**191,749**	**2,335,791**	**2,419,116**	**-3.4**

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • See Glossary for explanation of acronyms. • 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.

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

Table 7. Electric Utility Net Generation by Census Division and State

(Million Kilowatthours)

Census Division and State	November 2002	October 2002	November 2001	Year to Date		
				2002	2001	Difference (percent)
New England	**569**	**1,449**	**1,718**	**16,213**	**20,508**	**-20.9**
Connecticut	17	16	2	166	2,814	-94.1
Maine	1	*	*	5	5	6.8
Massachusetts	113	127	107	1,382	1,444	-4.3
New Hampshire	381	1,257	1,190	11,750	11,898	-1.2
Rhode Island	1	1	*	8	11	-28.1
Vermont	57	48	418	2,903	4,337	-33.1
Mid Atlantic	**6,180**	**5,903**	**5,920**	**68,570**	**81,711**	**-16.1**
New Jersey	81	138	77	1,437	1,596	-10.0
New York	3,665	3,362	3,564	39,745	54,941	-27.7
Pennsylvania	2,434	2,403	2,279	27,388	25,174	8.8
East North Central	**34,704**	**34,286**	**32,685**	**389,955**	**396,072**	**-1.5**
Illinois	1,360	1,358	1,955	19,365	27,287	-29.0
Indiana	9,395	9,205	9,001	102,984	105,210	-2.1
Michigan	8,548	8,370	7,066	91,494	89,163	2.6
Ohio	10,948	10,806	10,461	126,013	123,882	1.7
Wisconsin	4,452	4,546	4,201	50,099	50,529	-0.9
West North Central	**23,286**	**24,434**	**21,666**	**264,358**	**251,418**	**5.1**
Iowa	3,201	3,356	3,028	36,517	35,473	2.9
Kansas	3,898	3,998	3,245	42,692	40,840	4.5
Minnesota	3,994	5,061	3,715	47,767	40,690	17.4
Missouri	6,115	6,361	6,426	73,179	72,128	1.5
Nebraska	2,666	2,521	2,143	28,703	28,176	1.9
North Dakota	2,721	2,703	2,461	28,330	27,303	3.8
South Dakota	691	435	647	7,171	6,809	5.3
South Atlantic	**45,580**	**51,426**	**41,442**	**568,852**	**547,839**	**3.8**
Delaware	3	8	127	144	1,734	-91.7
District of Columbia	-	-	-	-	-	-
Florida	12,510	15,909	11,932	159,120	158,506	0.4
Georgia	7,405	9,031	7,730	103,632	101,693	1.9
Maryland	2	2	6	28	83	-65.8
North Carolina	9,588	9,809	7,821	105,352	101,307	4.0
South Carolina	6,622	6,972	6,731	85,396	79,909	6.9
Virginia	4,531	4,441	4,035	57,461	57,016	0.8
West Virginia	4,919	5,254	3,060	57,719	47,590	21.3
East South Central	**27,201**	**26,152**	**24,908**	**312,576**	**315,567**	**-0.9**
Alabama	10,944	9,809	9,371	112,182	109,091	2.8
Kentucky	5,450	5,650	5,768	73,320	76,632	-4.3
Mississippi	3,551	3,622	3,206	42,298	44,432	-4.8
Tennessee	7,256	7,071	6,563	84,777	85,411	-0.7
West South Central	**19,525**	**21,674**	**27,776**	**271,872**	**380,117**	**-28.5**
Arkansas	3,280	3,242	3,341	39,574	40,393	-2.0
Louisiana	3,392	4,218	3,402	46,886	46,769	0.3
Oklahoma	3,420	3,741	3,691	46,421	46,626	-0.4
Texas	9,433	10,473	17,342	138,991	246,329	-43.6
Mountain	**21,472**	**21,438**	**21,588**	**247,819**	**254,871**	**-2.8**
Arizona	6,569	6,030	6,233	74,598	78,833	-5.4
Colorado	3,379	3,437	3,427	37,873	38,280	-1.1
Idaho	393	428	406	7,688	6,218	23.6
Montana	356	313	321	6,077	3,996	52.1
Nevada	1,986	1,966	2,132	22,816	25,840	-11.7
New Mexico	2,416	2,591	2,375	27,607	29,497	-6.4
Utah	2,808	3,054	2,984	32,622	32,194	1.3
Wyoming	3,565	3,620	3,715	38,537	40,062	-3.8
Pacific Contiguous	**13,935**	**13,768**	**13,558**	**184,512**	**160,128**	**15.2**
California	4,433	5,402	5,105	67,407	64,634	4.3
Oregon	3,120	2,863	2,999	36,446	34,484	5.7
Washington	6,382	5,503	5,454	80,659	61,010	32.2
Pacific Noncontiguous	**985**	**1,041**	**958**	**11,063**	**10,760**	**2.8**
Alaska	462	444	452	5,013	4,898	2.3
Hawaii	523	596	507	6,049	5,861	3.2
U.S. Total	**193,438**	**201,569**	**191,749**	**2,335,791**	**2,419,116**	**-3.4**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Total 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.

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

Table 8. Electric Utility Net Generation from Coal by Census Division and State

(Million Kilowatthours)

Census Division and State	November 2002	October 2002	November 2001	Year to Date				
				Coal Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**NM**	**NM**	**448**	**4,357**	**4,395**	**-0.9**	**26.9**	**21.4**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	NM	NM	94	992	998	-0.6	71.8	69.1
New Hampshire	327	266	354	3,365	3,397	-0.9	28.6	28.5
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Mid Atlantic	**1,635**	**1,406**	**1,383**	**17,065**	**15,818**	**7.9**	**24.9**	**19.4**
New Jersey	90	144	NM	1,282	1,397	-8.2	89.2	87.5
New York	170	166	NM	1,505	1,792	-16.0	3.8	3.3
Pennsylvania	1,375	1,096	1,163	14,278	12,629	13.1	52.1	50.2
East North Central	**29,092**	**28,856**	**28,219**	**329,135**	**337,751**	**-2.6**	**84.4**	**85.3**
Illinois	1,346	1,339	1,873	18,934	26,677	-29.0	97.8	97.8
Indiana	9,159	8,999	8,884	100,575	103,795	-3.1	97.7	98.7
Michigan	5,552	5,271	5,343	59,823	61,590	-2.9	65.4	69.1
Ohio	9,963	9,961	8,877	114,529	108,624	5.4	90.9	87.7
Wisconsin	3,072	3,285	3,242	35,273	37,065	-4.8	70.4	73.4
West North Central	**19,025**	**19,179**	**17,232**	**204,712**	**195,135**	**4.9**	**77.4**	**77.6**
Iowa	2,677	2,827	2,542	31,020	30,720	1.0	84.9	86.6
Kansas	2,972	3,026	2,287	32,333	28,927	11.8	75.7	70.8
Minnesota	2,828	3,616	2,791	33,021	28,119	17.4	69.1	69.1
Missouri	5,960	5,612	5,334	60,483	59,628	1.4	82.7	82.7
Nebraska	1,700	1,452	1,629	18,049	18,422	-2.0	62.9	65.4
North Dakota	2,575	2,582	2,371	26,866	26,048	3.1	94.8	95.4
South Dakota	312	65	277	2,940	3,270	-10.1	41.0	48.0
South Atlantic	**24,603**	**28,171**	**22,050**	**303,596**	**299,712**	**1.3**	**53.4**	**54.7**
Delaware	-	-	NM	-	1,506	-	-	86.9
District of Columbia	-	-	-	-	-	-	-	-
Florida	3,886	4,884	4,444	47,751	58,314	-18.1	30.0	36.8
Georgia	5,022	6,691	4,601	72,004	67,668	6.4	69.5	66.5
Maryland	-	-	-	-	-	-	-	-
North Carolina	5,695	6,158	4,831	65,190	63,392	2.8	61.9	62.6
South Carolina	2,578	2,749	2,393	33,390	33,716	-1.0	39.1	42.2
Virginia	2,553	2,469	2,643	27,975	27,987	*	48.7	49.1
West Virginia	4,870	5,221	3,030	57,285	47,130	21.5	99.2	99.0
East South Central	**17,273**	**17,840**	**16,656**	**204,093**	**210,548**	**-3.1**	**65.3**	**66.7**
Alabama	6,191	6,552	5,468	65,259	66,170	-1.4	58.2	60.7
Kentucky	5,142	5,380	5,564	68,831	72,599	-5.2	93.9	94.7
Mississippi	1,894	1,869	1,350	16,319	18,013	-9.4	38.6	40.5
Tennessee	4,046	4,039	4,274	53,684	53,766	-0.2	63.3	63.0
West South Central	**12,349**	**12,381**	**15,179**	**144,534**	**182,557**	**-20.8**	**53.2**	**48.0**
Arkansas	2,012	2,097	1,875	21,179	22,237	-4.8	53.5	55.1
Louisiana	868	986	964	10,325	9,793	5.4	22.0	20.9
Oklahoma	2,843	2,645	2,675	30,286	29,428	2.9	65.2	63.1
Texas	6,627	6,653	9,665	82,743	121,099	-31.7	59.5	49.2
Mountain	**16,081**	**16,057**	**16,434**	**175,185**	**180,861**	**-3.1**	**70.7**	**71.0**
Arizona	3,405	3,053	3,137	34,420	36,598	-5.9	46.1	46.4
Colorado	2,895	2,929	2,970	31,979	32,520	-1.7	84.4	85.0
Idaho	-	-	-	-	-	-	-	-
Montana	31	19	26	254	281	-9.6	4.2	7.0
Nevada	1,280	1,233	1,569	14,918	16,363	-8.8	65.4	63.3
New Mexico	2,232	2,370	2,170	24,736	25,814	-4.2	89.6	87.5
Utah	2,706	2,876	2,898	31,111	30,359	2.5	95.4	94.3
Wyoming	3,532	3,577	3,664	37,767	38,927	-3.0	98.0	97.2
Pacific Contiguous	**398**	**411**	**345**	**3,357**	**4,013**	**-16.3**	**1.8**	**2.5**
California	-	-	-	-	-	-	-	-
Oregon	398	411	345	3,357	4,013	-16.3	9.2	11.6
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**16**	**18**	**17**	**187**	**177**	**5.4**	**1.7**	**1.6**
Alaska	16	18	17	187	177	5.4	3.7	3.6
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**120,886**	**124,674**	**117,619**	**1,386,220**	**1,430,955**	**-3.1**	**59.3**	**59.2**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • 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. • Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. • 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.

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

Table 9. Electric Utility Net Generation from Petroleum by Census Division and State

(Million Kilowatthours)

Census Division and State	November 2002	October 2002	November 2001	Year to Date				
				Petroleum Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**NM**	**103**	**24**	**523**	**604**	**-13.3**	**3.2**	**2.9**
Connecticut	NM	NM	NM	7	11	-31.5	4.5	0.4
Maine	-	-	-	-	-	-	-	-
Massachusetts	NM	NM	NM	43	129	-66.9	3.1	9.0
New Hampshire	28	98	22	458	422	8.5	3.9	3.5
Rhode Island	NM	NM	NM	8	11	-28.1	100.0	100.0
Vermont	NM	NM	NM	8	31	-75.6	0.3	0.7
Mid Atlantic	**735**	**444**	**470**	**6,741**	**9,012**	**-25.2**	**9.8**	**11.0**
New Jersey	1	2	NM	195	229	-14.7	13.6	14.3
New York	732	441	468	6,508	8,763	-25.7	16.4	15.9
Pennsylvania	NM	NM	NM	39	20	90.3	0.1	0.1
East North Central	**75**	**133**	**96**	**1,832**	**1,678**	**9.2**	**0.5**	**0.4**
Illinois	NM	NM	NM	44	94	-53.3	0.2	0.3
Indiana	22	34	27	443	347	27.7	0.4	0.3
Michigan	NM	56	NM	867	689	25.8	0.9	0.8
Ohio	22	29	29	327	387	-15.6	0.3	0.3
Wisconsin	NM	NM	12	150	160	-6.0	0.3	0.3
West North Central	**NM**	**143**	**122**	**1,648**	**1,945**	**-15.3**	**0.6**	**0.8**
Iowa	NM	NM	NM	48	92	-47.6	0.1	0.3
Kansas	19	30	24	451	603	-25.2	1.1	1.5
Minnesota	NM	61	61	571	544	4.9	1.2	1.3
Missouri	NM	45	30	525	598	-12.2	0.7	0.8
Nebraska	NM	NM	NM	16	25	-34.9	0.1	0.1
North Dakota	1	4	4	31	32	-1.3	0.1	0.1
South Dakota	*	1	NM	4	51	-91.4	0.1	0.8
South Atlantic	**1,982**	**3,325**	**2,275**	**33,622**	**43,130**	**-22.0**	**5.9**	**7.9**
Delaware	NM	NM	16	130	192	-32.3	90.0	11.1
District of Columbia	-	-	-	-	-	-	-	-
Florida	1,745	3,222	1,811	29,454	37,229	-20.9	18.5	23.5
Georgia	6	16	5	185	268	-31.2	0.2	0.3
Maryland	NM	NM	NM	25	82	-69.0	90.2	99.6
North Carolina	12	19	13	336	399	-15.7	0.3	0.4
South Carolina	6	8	10	163	218	-25.1	0.2	0.3
Virginia	192	36	389	3,124	4,511	-30.7	5.4	7.9
West Virginia	17	15	NM	204	231	-11.8	0.4	0.5
East South Central	**26**	**36**	**33**	**438**	**5,827**	**-92.5**	**0.1**	**1.8**
Alabama	7	11	8	120	245	-51.2	0.1	0.2
Kentucky	8	7	13	106	107	-1.3	0.1	0.1
Mississippi	2	7	NM	29	5,120	-99.4	0.1	11.5
Tennessee	8	11	11	183	355	-48.4	0.2	0.4
West South Central	**8**	**48**	**117**	**191**	**4,130**	**-95.4**	**0.1**	**1.1**
Arkansas	3	8	5	96	577	-83.5	0.2	1.4
Louisiana	1	35	101	62	1,675	-96.3	0.1	3.6
Oklahoma	NM	NM	NM	9	144	-93.9	*	0.3
Texas	NM	NM	11	25	1,733	-98.5	*	0.7
Mountain	**17**	**NM**	**NM**	**201**	**1,478**	**-86.4**	**0.1**	**0.6**
Arizona	2	5	3	48	307	-84.3	0.1	0.4
Colorado	3	NM	NM	22	150	-85.1	0.1	0.4
Idaho	-	*	*	*	4	-	*	0.1
Montana	NM	NM	NM	1	1	-40.0	*	*
Nevada	2	2	1	24	906	-97.3	0.1	3.5
New Mexico	5	2	5	27	30	-8.8	0.1	0.1
Utah	NM	NM	NM	41	51	-19.4	0.1	0.2
Wyoming	2	4	2	37	30	22.5	0.1	0.1
Pacific Contiguous	**4**	**4**	**10**	**54**	**585**	**-90.7**	*	**0.4**
California	4	4	4	44	313	-85.9	0.1	0.5
Oregon	*	-	6	6	93	-93.8	*	0.3
Washington	*	*	1	5	179	-97.5	*	0.3
Pacific Noncontiguous	**569**	**650**	**577**	**6,739**	**6,616**	**1.9**	**60.9**	**61.5**
Alaska	NM	NM	72	699	774	-9.6	13.9	15.8
Hawaii	523	596	505	6,040	5,842	3.4	99.8	99.7
U.S. Total	**3,535**	**4,902**	**3,747**	**51,989**	**75,007**	**-30.7**	**2.2**	**3.1**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Includes fuel oil Nos. 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke. • 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.

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

Table 10. Electric Utility Net Generation from Gas by Census Division and State

(Million Kilowatthours)

Census Division and State	November 2002	October 2002	November 2001	Year to Date				
				Gas Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**NM**	**45**	**NM**	**320**	**253**	**26.3**	**2.0**	**1.2**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	NM	NM	NM	231	202	14.1	16.7	14.0
New Hampshire	-	18	*	86	40	113.3	0.7	0.3
Rhode Island	-	-	-	-	-	-	-	-
Vermont	*	*	*	3	11	-71.4	0.1	0.2
Mid Atlantic	**711**	**941**	**800**	**10,249**	**8,116**	**26.3**	**14.9**	**9.9**
New Jersey	3	4	*	94	101	-7.0	6.6	6.3
New York	709	937	799	10,154	8,013	26.7	25.5	14.6
Pennsylvania	NM	NM	NM	1	1	-2.3	*	*
East North Central	**294**	**313**	**357**	**5,618**	**4,376**	**28.4**	**1.4**	**1.1**
Illinois	NM	NM	NM	329	457	-28.1	1.7	1.7
Indiana	173	126	46	1,583	548	188.8	1.5	0.5
Michigan	45	100	188	1,997	2,199	-9.2	2.2	2.5
Ohio	17	NM	NM	785	335	134.0	0.6	0.3
Wisconsin	52	39	44	925	836	10.5	1.8	1.7
West North Central	**158**	**NM**	**355**	**6,470**	**6,660**	**-2.9**	**2.4**	**2.6**
Iowa	19	NM	25	406	429	-5.5	1.1	1.2
Kansas	NM	NM	NM	1,754	1,851	-5.2	4.1	4.5
Minnesota	NM	NM	NM	584	363	60.8	1.2	0.9
Missouri	56	86	221	3,245	3,395	-4.4	4.4	4.7
Nebraska	NM	NM	NM	396	321	23.4	1.4	1.1
North Dakota	*	*	-	*	*	NM	*	*
South Dakota	*	1	NM	85	301	-71.7	1.2	4.4
South Atlantic	**4,149**	**5,639**	**3,152**	**59,541**	**37,780**	**57.6**	**10.5**	**6.9**
Delaware	*	1	3	14	35	-59.2	10.0	2.0
District of Columbia	-	-	-	-	-	-	-	-
Florida	4,049	5,369	2,884	50,926	33,424	52.4	32.0	21.1
Georgia	NM	NM	NM	1,185	1,164	1.8	1.1	1.1
Maryland	NM	NM	NM	3	*	NM	9.8	0.4
North Carolina	15	70	8	1,879	991	89.6	1.8	1.0
South Carolina	39	93	4	3,441	192	1,695.8	4.0	0.2
Virginia	38	89	251	2,091	1,971	6.1	3.6	3.5
West Virginia	*	*	NM	3	3	-11.2	*	*
East South Central	**1,455**	**1,777**	**1,886**	**28,121**	**20,228**	**39.0**	**9.0**	**6.4**
Alabama	686	743	929	10,577	7,613	38.9	9.4	7.0
Kentucky	18	21	12	678	297	128.5	0.9	0.4
Mississippi	745	1,013	946	16,847	12,312	36.8	39.8	27.7
Tennessee	6	*	-	20	5	275.5	*	*
West South Central	**3,713**	**5,612**	**6,071**	**74,311**	**124,085**	**-40.1**	**27.3**	**32.6**
Arkansas	47	132	108	1,685	1,838	-8.3	4.3	4.5
Louisiana	1,012	1,637	821	20,751	19,537	6.2	44.3	41.8
Oklahoma	535	1,019	952	14,347	14,953	-4.1	30.9	32.1
Texas	2,120	2,824	4,189	37,528	87,758	-57.2	27.0	35.6
Mountain	**1,440**	**2,126**	**1,311**	**19,403**	**24,242**	**-20.0**	**7.8**	**9.5**
Arizona	261	685	271	5,111	8,750	-41.6	6.9	11.1
Colorado	430	483	353	4,873	4,434	9.9	12.9	11.6
Idaho	*	3	-	36	-	NM	0.5	-
Montana	*	*	*	7	10	-34.6	0.1	0.2
Nevada	524	604	437	5,764	6,197	-7.0	25.3	24.0
New Mexico	166	206	194	2,597	3,427	-24.2	9.4	11.6
Utah	NM	127	37	859	1,173	-26.7	2.6	3.6
Wyoming	9	18	19	158	252	-37.5	0.4	0.6
Pacific Contiguous	**863**	**871**	**1,164**	**10,630**	**20,412**	**-47.9**	**5.8**	**12.7**
California	601	664	669	8,089	11,299	-28.4	12.0	17.5
Oregon	189	142	367	1,594	4,858	-67.2	4.4	14.1
Washington	73	65	128	946	4,255	-77.8	1.2	7.0
Pacific Noncontiguous	**246**	**248**	**272**	**2,646**	**2,721**	**-2.8**	**23.9**	**25.3**
Alaska	246	248	272	2,646	2,721	-2.8	52.8	55.6
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**13,037**	**17,800**	**15,223**	**217,310**	**249,003**	**-12.7**	**9.3**	**10.3**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Total 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.

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

Table 11. Electric Utility Net Generation from Hydroelectric by Census Division and State

(Million Kilowatthours)

Census Division and State	November 2002	October 2002	November 2001	Year to Date				
				Hydroelectric Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**86**	**NM**	**NM**	**753**	**656**	**14.9**	**4.6**	**3.2**
Connecticut	3	NM	NM	28	26	6.8	17.1	0.9
Maine	1	NM	NM	5	5	6.8	100.0	100.0
Massachusetts	14	NM	NM	116	114	1.5	8.4	7.9
New Hampshire	26	12	12	242	208	16.2	2.1	1.7
Rhode Island	-	-	-	-	-	-	-	-
Vermont	42	NM	NM	362	302	20.0	12.5	7.0
Mid Atlantic	**1,777**	**1,496**	**1,515**	**18,706**	**16,399**	**14.1**	**27.3**	**20.1**
New Jersey	-13	-12	-10	-134	-131	2.5	-9.3	-8.2
New York	1,698	1,453	1,553	18,121	15,989	13.3	45.6	29.1
Pennsylvania	91	56	NM	719	541	32.9	2.6	2.1
East North Central	**296**	**388**	**240**	**3,532**	**3,004**	**17.6**	**0.9**	**0.8**
Illinois	4	NM	NM	58	51	13.8	0.3	0.2
Indiana	42	46	43	382	520	-26.5	0.4	0.5
Michigan	33	NM	NM	496	286	73.6	0.5	0.3
Ohio	45	38	36	436	451	-3.2	0.3	0.4
Wisconsin	172	254	138	2,160	1,696	27.3	4.3	3.4
West North Central	**761**	**773**	**686**	**9,391**	**7,584**	**23.8**	**3.6**	**3.0**
Iowa	82	87	71	856	762	12.4	2.3	2.1
Kansas	-	-	-	-	-	-	-	-
Minnesota	52	75	49	695	554	25.4	1.5	1.4
Missouri	18	NM	NM	1,229	817	50.5	1.7	1.1
Nebraska	87	104	109	1,043	1,043	*	3.6	3.7
North Dakota	145	117	85	1,432	1,223	17.1	5.1	4.5
South Dakota	377	367	368	4,136	3,187	29.8	57.7	46.8
South Atlantic	**650**	**336**	**8**	**2,923**	**2,794**	**4.6**	**0.5**	**0.5**
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	24	15	9	165	136	21.8	0.1	0.1
Georgia	263	143	158	1,686	1,837	-8.2	1.6	1.8
Maryland	-	-	NM	-	-	-	-	-
North Carolina	295	233	121	1,998	1,670	19.6	1.9	1.6
South Carolina	68	NM	NM	20	123	-83.6	*	0.2
Virginia	-29	-75	-297	-1,152	-1,171	-1.6	-2.0	-2.1
West Virginia	30	17	NM	206	200	3.1	0.4	0.4
East South Central	**2,218**	**1,302**	**1,113**	**16,678**	**16,284**	**2.4**	**5.3**	**5.2**
Alabama	1,228	585	479	7,227	7,429	-2.7	6.4	6.8
Kentucky	282	242	179	3,705	3,630	2.1	5.1	4.7
Mississippi	-	-	-	-	-	-	-	-
Tennessee	708	475	456	5,746	5,225	10.0	6.8	6.1
West South Central	**212**	**303**	**213**	**6,039**	**5,531**	**9.2**	**2.2**	**1.5**
Arkansas	136	198	111	3,408	2,301	48.1	8.6	5.7
Louisiana	-	-	-	-	-	-	-	-
Oklahoma	43	75	62	1,779	2,100	-15.3	3.8	4.5
Texas	32	NM	40	852	1,129	-24.6	0.6	0.5
Mountain	**1,399**	**1,335**	**1,545**	**24,713**	**22,178**	**11.4**	**10.0**	**8.7**
Arizona	392	405	556	6,940	7,209	-3.7	9.3	9.1
Colorado	44	20	98	945	1,141	-17.2	2.5	3.0
Idaho	393	425	405	7,652	6,215	23.1	99.5	99.9
Montana	326	294	295	5,816	3,704	57.0	95.7	92.7
Nevada	182	128	125	2,110	2,374	-11.1	9.2	9.2
New Mexico	12	NM	NM	247	227	8.8	0.9	0.8
Utah	31	NM	NM	444	469	-5.3	1.4	1.5
Wyoming	20	20	29	559	838	-33.3	1.5	2.1
Pacific Contiguous	**9,642**	**8,644**	**8,125**	**130,347**	**97,244**	**34.0**	**70.6**	**60.7**
California	1,649	1,767	1,351	27,618	22,893	20.6	41.0	35.4
Oregon	2,534	2,311	2,280	31,489	25,519	23.4	86.4	74.0
Washington	5,459	4,567	4,493	71,240	48,832	45.9	88.3	80.0
Pacific Noncontiguous	**154**	**NM**	**NM**	**1,489**	**1,242**	**19.8**	**13.5**	**11.5**
Alaska	154	NM	NM	1,480	1,225	20.8	29.5	25.0
Hawaii	*	*	2	8	17	-50.9	0.1	0.3
U.S. Total	**17,195**	**14,752**	**13,603**	**214,571**	**172,869**	**24.1**	**9.2**	**7.1**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Pumping energy used at pumped storage plants in November was 2,099 million kilowatthours. • Total 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.

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

Table 12. Electric Utility Net Generation from Nuclear by Census Division and State

(Million Kilowatthours)

Census Division and State	November 2002	October 2002	November 2001	Year to Date				
				Nuclear Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**-**	**862**	**1,180**	**9,967**	**14,275**	**-30.2**	**61.5**	**69.6**
Connecticut	-	-	-	-	2,630	-	-	93.4
Maine	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-
New Hampshire	-	862	802	7,600	7,831	-2.9	64.7	65.8
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	378	2,367	3,814	-37.9	81.5	87.9
Mid Atlantic	**1,323**	**1,616**	**1,752**	**15,810**	**32,367**	**-51.2**	**23.1**	**39.6**
New Jersey	-	-	-	-	-	-	-	-
New York	357	367	609	3,458	20,384	-83.0	8.7	37.1
Pennsylvania	966	1,249	1,143	12,352	11,982	3.1	45.1	47.6
East North Central	**4,911**	**4,564**	**3,741**	**49,525**	**48,934**	**1.2**	**12.7**	**12.4**
Illinois	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-
Michigan	2,894	2,896	1,491	28,285	24,385	16.0	30.9	27.3
Ohio	902	742	1,515	9,937	14,084	-29.4	7.9	11.4
Wisconsin	1,115	925	735	11,303	10,464	8.0	22.6	20.7
West North Central	**3,206**	**4,063**	**3,228**	**41,666**	**39,650**	**5.1**	**15.8**	**15.8**
Iowa	415	416	386	4,145	3,421	21.2	11.4	9.6
Kansas	858	887	857	8,154	9,459	-13.8	19.1	23.2
Minnesota	1,003	1,241	767	12,522	10,764	16.3	26.2	26.5
Missouri	68	588	833	7,648	7,643	0.1	10.5	10.6
Nebraska	862	931	385	9,196	8,363	10.0	32.0	29.7
North Dakota	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	**14,187**	**13,943**	**13,949**	**169,028**	**164,280**	**2.9**	**29.7**	**30.0**
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	2,802	2,411	2,775	30,717	29,289	4.9	19.3	18.5
Georgia	2,106	2,164	2,963	28,572	30,755	-7.1	27.6	30.2
Maryland	-	-	-	-	-	-	-	-
North Carolina	3,572	3,330	2,847	35,948	34,856	3.1	34.1	34.4
South Carolina	3,931	4,117	4,315	48,367	45,661	5.9	56.6	57.1
Virginia	1,778	1,922	1,050	25,423	23,719	7.2	44.2	41.6
West Virginia	-	-	-	-	-	-	-	-
East South Central	**6,230**	**5,197**	**5,220**	**63,246**	**62,680**	**0.9**	**20.2**	**19.9**
Alabama	2,833	1,918	2,489	28,999	27,633	4.9	25.8	25.3
Kentucky	-	-	-	-	-	-	-	-
Mississippi	910	733	910	9,103	8,988	1.3	21.5	20.2
Tennessee	2,488	2,546	1,822	25,143	26,059	-3.5	29.7	30.5
West South Central	**3,243**	**3,329**	**6,196**	**46,797**	**63,815**	**-26.7**	**17.2**	**16.8**
Arkansas	1,082	807	1,244	13,206	13,440	-1.7	33.4	33.3
Louisiana	1,512	1,560	1,516	15,749	15,765	-0.1	33.6	33.7
Oklahoma	-	-	-	-	-	-	-	-
Texas	649	962	3,436	17,842	34,610	-48.4	12.8	14.1
Mountain	**2,507**	**1,880**	**2,263**	**28,049**	**25,938**	**8.1**	**11.3**	**10.2**
Arizona	2,507	1,880	2,263	28,049	25,938	8.1	37.6	32.9
Colorado	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-
Pacific Contiguous	**2,970**	**3,779**	**3,882**	**39,681**	**37,341**	**6.3**	**21.5**	**23.3**
California	2,163	2,949	3,068	31,470	29,933	5.1	46.7	46.3
Oregon	-	-	-	-	-	-	-	-
Washington	807	830	814	8,211	7,408	10.8	10.2	12.1
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**38,577**	**39,233**	**41,411**	**463,769**	**489,278**	**-5.2**	**19.9**	**20.2**

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • 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.

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

Table 13. Electric Utility Net Generation from Other Energy Sources by Census Division and State

(Million Kilowatthours)

Census Division and State	November 2002	October 2002	November 2001	Year to Date				
				Other Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**27**	**35**	**14**	**293**	**326**	**-10.1**	**1.8**	**1.6**
Connecticut	14	NM	-	130	147	-11.7	78.4	5.2
Maine	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-
Vermont	14	22	14	163	179	-8.9	5.6	4.1
Mid Atlantic	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
New Jersey	-	-	-	-	-	-	-	-
New York	-	-	-	-	-	-	-	-
Pennsylvania	-	-	-	-	-	-	-	-
East North Central	**35**	**32**	**31**	**313**	**329**	**-4.8**	**0.1**	**0.1**
Illinois	-	-	-	-	8	-	-	*
Indiana	-	-	-	-	-	-	-	-
Michigan	2	1	1	26	14	83.7	*	*
Ohio	-	-	-	-	-	-	-	-
Wisconsin	33	31	30	287	307	-6.4	0.6	0.6
West North Central	**48**	**48**	**44**	**472**	**444**	**6.2**	**0.2**	**0.2**
Iowa	5	3	3	41	48	-13.4	0.1	0.1
Kansas	-	-	-	-	-	-	-	-
Minnesota	36	37	35	374	346	8.1	0.8	0.9
Missouri	6	7	6	48	47	2.5	0.1	0.1
Nebraska	*	*	*	3	2	2.1	*	*
North Dakota	-	-	-	-	-	-	-	-
South Dakota	1	*	*	6	1	593.0	0.1	*
South Atlantic	**8**	**10**	**9**	**142**	**142**	**0.3**	*	*
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	5	8	9	106	115	-7.8	0.1	0.1
Georgia	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-
South Carolina	1	1	-	14	-	-	*	-
Virginia	-	-	-	-	-	-	-	-
West Virginia	2	1	-	21	26	-18.6	*	0.1
East South Central	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alabama	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-
West South Central	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Arkansas	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-
Mountain	**29**	**25**	**4**	**267**	**31**	**753.7**	**0.1**	*
Arizona	3	2	4	29	31	-6.7	*	*
Colorado	7	4	3	54	36	53.0	0.1	0.1
Idaho	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-
Utah	-	-	-	167	-	-	0.5	-
Wyoming	2	1	1	17	15	14.0	*	*
Pacific Contiguous	**59**	**58**	**31**	**442**	**532**	**-16.9**	**0.2**	**0.3**
California	16	18	14	185	197	-5.8	0.3	0.3
Oregon	-	-	-	-	-	-	-	-
Washington	43	40	18	257	336	-23.4	0.3	0.6
Pacific Noncontiguous	*	**NM**	*	**2**	**3**	**-29.5**	*	*
Alaska	*	NM	*	*	1	-	*	*
Hawaii	*	*	*	2	2	-22.0	*	*
U.S. Total	**208**	**210**	**133**	**1,931**	**1,862**	**3.7**	**0.1**	**0.1**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Other energy sources include geothermal, wood, wind, waste, and solar. 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.

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

U.S. Electric Utility Consumption of Fossil Fuels

Table 14. U.S. Electric Utility Consumption of Fossil Fuels, 1990 Through November 2002

Period	Coal (thousand short tons)				Petroleum (thousand barrels)			Petroleum Coke (thousand short tons)	Gas (thousand Mcf)
	Anthracite[1]	Bituminous[2]	Lignite	Total	Distillate	Residual	Total		
1990	**1,031**	**694,317**	**78,201**	**773,549**	**14,823**	**181,231**	**196,054**	**819**	**2,787,332**
1991	**994**	**691,275**	**79,999**	**772,268**	**13,729**	**171,157**	**184,886**	**722**	**2,789,014**
1992	**986**	**698,626**	**80,248**	**779,860**	**11,556**	**135,779**	**147,335**	**999**	**2,765,608**
1993	**951**	**732,736**	**79,821**	**813,508**	**13,168**	**149,287**	**162,454**	**1,220**	**2,682,440**
1994	**1,123**	**737,102**	**79,045**	**817,270**	**16,338**	**134,666**	**151,004**	**875**	**2,987,146**
1995	**978**	**749,950**	**78,078**	**829,007**	**15,565**	**86,584**	**102,150**	**761**	**3,196,507**
1996	**1,009**	**795,252**	**78,421**	**874,681**	**16,892**	**96,382**	**113,274**	**681**	**2,732,107**
1997	**1,014**	**821,823**	**77,524**	**900,361**	**15,157**	**109,989**	**125,146**	**1,400**	**2,968,453**
1998	**867**	**832,094**	**77,906**	**910,867**	**22,041**	**156,573**	**178,614**	**1,769**	**3,258,054**
1999	**686**	**815,909**	**77,525**	**894,120**	**21,528**	**122,303**	**143,830**	**1,608**	**3,113,419**
2000									
January	NA	70,591	6,499	77,090	1,769	6,194	7,963	162	190,316
February	NA	63,085	6,357	69,442	1,068	4,083	5,150	132	166,842
March	NA	61,921	6,004	67,925	913	3,859	4,772	87	207,545
April	NA	56,301	4,912	61,214	824	4,222	5,046	89	214,599
May	NA	61,750	5,678	67,428	1,921	7,781	9,702	81	308,787
June	NA	67,458	6,452	73,910	1,659	10,533	12,192	99	307,218
July	NA	69,993	7,058	77,051	1,957	9,792	11,749	58	373,256
August	NA	72,974	7,046	80,021	2,198	12,149	14,347	114	410,344
September	NA	64,397	6,328	70,725	1,485	10,836	12,321	87	283,535
October	NA	63,225	6,610	69,835	1,023	8,222	9,245	69	213,487
November	NA	62,711	6,404	69,114	1,292	6,827	8,120	74	180,318
December	NA	69,129	6,450	75,579	6,668	12,852	19,520	80	186,846
Total	**NA**	**783,536**	**75,799**	**859,335**	**22,779**	**97,350**	**120,129**	**1,132**	**3,043,094**
2001									
January	-	67,134	6,101	73,236	6,425	13,210	19,636	108	157,736
February	-	57,143	5,380	62,523	1,694	8,190	9,884	100	143,619
March	-	59,244	5,749	64,993	1,886	9,032	10,917	80	172,448
April	-	53,468	5,421	58,889	1,820	9,427	11,246	53	212,257
May	-	59,258	5,975	65,233	1,626	9,801	11,427	77	236,407
June	-	63,127	5,999	69,126	1,355	11,111	12,466	111	261,345
July	-	69,891	6,597	76,487	1,261	10,018	11,279	139	356,801
August	-	71,139	6,700	77,839	1,762	12,440	14,202	177	361,218
September	-	60,296	5,830	66,126	787	7,102	7,889	145	255,236
October	-	57,899	5,064	62,963	959	5,384	6,343	145	224,674
November	-	55,763	5,397	61,160	672	4,817	5,490	122	151,268
December	-	61,331	6,364	67,695	856	4,750	5,606	160	153,279
Total	**-**	**735,694**	**70,575**	**806,269**	**21,103**	**105,283**	**126,386**	**1,418**	**2,686,287**
2002									
January	-	62,768	4,008	66,776	1,319	4,672	5,992	151	147,359
February	-	53,951	3,602	57,553	710	3,773	4,483	150	137,277
March	-	56,546	3,578	60,123	1,139	6,360	7,499	146	160,864
April	-	53,049	2,914	55,963	1,171	6,657	7,828	131	169,266
May	-	57,252	3,583	60,836	1,361	6,776	8,137	188	180,028
June	-	62,589	3,735	66,324	1,041	6,205	7,247	179	228,513
July	-	68,924	4,092	73,016	1,374	7,314	8,688	145	294,491
August	-	67,840	4,153	71,994	1,215	7,486	8,700	135	288,243
September	-	62,056	3,853	65,909	1,051	6,574	7,626	139	225,979
October	-	58,960	3,929	62,889	1,187	6,372	7,559	132	173,249
November	-	57,723	3,988	61,711	767	4,676	5,443	93	122,830
Total	**-**	**661,658**	**41,435**	**703,093**	**12,336**	**66,864**	**79,200**	**1,588**	**2,128,098**
Year to Date									
2002	**-**	**661,658**	**41,435**	**703,093**	**12,336**	**66,864**	**79,200**	**1,588**	**2,128,098**
2001	**-**	**674,363**	**64,212**	**738,575**	**20,247**	**100,534**	**120,780**	**1,258**	**2,533,008**
2000	**NA**	**714,407**	**69,349**	**783,756**	**16,110**	**84,498**	**100,609**	**1,052**	**2,856,248**

[1] Includes anthracite silt stored off-site.
[2] Includes subbituminous coal.
NA = This estimated value is not available due to insufficient data or inadequate data/model performance.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary --see Technical Notes for adjustment methodology. Values for 2000 and prior years are final. • Total may not equal sum of components because of independent rounding. • Mcf=thousand cubic feet. 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: • 1990 - 2000: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report." • 2001 forward - Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 15. Electric Utility Consumption of Coal by NERC Region and Hawaii
(Thousand Short Tons)

NERC Region and Hawaii	November 2002	October 2002	November 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR	15,245	15,253	14,212	175,150	173,812	0.8
ERCOT	2,782	2,941	5,629	35,952	67,644	-46.9
FRCC	1,393	1,667	1,608	17,964	21,593	-16.8
MAAC	39	67	NM	599	1,299	-53.9
MAIN	4,178	4,394	4,466	48,363	53,308	-9.3
MAPP (U.S.)	7,768	7,423	7,408	82,905	82,036	1.1
NPCC (U.S.)	NM	NM	239	2,417	2,546	-5.1
SERC	12,465	13,750	11,379	151,389	148,845	1.7
SPP	9,441	8,902	7,891	100,099	96,917	3.3
WSCC (U.S.)	8,142	8,262	8,213	88,071	90,412	-2.6
Contiguous U.S.	**61,694**	**62,872**	**61,143**	**702,910**	**738,411**	**-4.8**
Alaska	16	18	16	182	164	11.2
Hawaii	-	-	-	-	-	-
Noncontiguous U.S.	**16**	**18**	**16**	**182**	**164**	**11.2**
U.S. Total	**61,711**	**62,889**	**61,160**	**703,093**	**738,575**	**-4.8**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. • See Glossary for explanation of acronyms. • 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.

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

Table 16. Electric Utility Consumption of Petroleum by NERC Region and Hawaii
(Thousand Barrels)

NERC Region and Hawaii	November 2002	October 2002	November 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR	145	221	182	3,249	3,027	7.3
ERCOT	11	6	20	46	3,105	-98.5
FRCC	2,516	4,802	2,418	43,297	56,947	-24.0
MAAC	10	18	44	625	941	-33.6
MAIN	18	24	19	453	596	-23.9
MAPP (U.S.)	21	32	24	554	880	-37.1
NPCC (U.S.)	1,244	928	822	12,210	16,110	-24.2
SERC	406	212	626	6,889	10,134	-32.0
SPP	57	163	277	1,347	14,215	-90.5
WSCC (U.S.)	44	38	53	474	4,520	-89.5
Contiguous U.S.	**4,472**	**6,444**	**4,487**	**67,557**	**109,217**	**-38.1**
Alaska	81	96	129	1,269	1,411	-10.1
Hawaii	890	1,018	874	10,375	10,152	2.2
Noncontiguous U.S.	**971**	**1,114**	**1,003**	**11,644**	**11,564**	**0.7**
U.S. Total	**5,443**	**7,559**	**5,490**	**79,200**	**120,780**	**-34.4**

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • See Glossary for explanation of acronyms. • 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.

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

Table 17. Electric Utility Consumption of Gas by NERC Region and Hawaii

(Million Cubic Feet)

NERC Region and Hawaii	November 2002	October 2002	November 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR	2,915	4,043	3,476	61,891	46,117	34.2
ERCOT	12,395	16,001	31,979	229,148	709,774	-67.7
FRCC	28,854	43,798	24,996	411,423	296,262	38.9
MAAC	40	71	71	1,410	1,659	-15.0
MAIN	1,010	672	1,300	17,179	16,168	6.3
MAPP (U.S.)	900	1,411	590	35,313	17,939	96.8
NPCC (U.S.)	7,318	10,304	8,397	109,963	87,248	26.0
SERC	14,172	12,720	13,819	197,345	133,633	47.7
SPP	30,871	52,174	39,537	738,743	731,022	1.1
WSCC (U.S.)	21,779	29,210	24,142	297,178	463,798	-35.9
Contiguous U.S.	**120,253**	**170,404**	**148,308**	**2,099,592**	**2,503,621**	**-16.1**
Alaska	2,577	2,844	2,961	28,505	29,387	-3.0
Hawaii	*	*	*	-	-	-
Noncontiguous U.S.	**2,577**	**2,844**	**2,961**	**28,505**	**29,387**	**-3.0**
U.S. Total	**122,830**	**173,249**	**151,268**	**2,128,098**	**2,533,008**	**-16.0**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • See Glossary for explanation of acronyms. • 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.

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

Table 18. Electric Utility Consumption of Coal by Census Division and State

(Thousand Short Tons)

Census Division and State	November 2002	October 2002	November 2001	Year to Date		
				2002	2001	Difference (percent)
New England	**NM**	**NM**	**182**	**1,785**	**1,808**	**-1.3**
Connecticut	-	-	-	-	-	-
Maine	-	-	-	-	-	-
Massachusetts	NM	NM	38	402	405	-0.6
New Hampshire	133	108	143	1,383	1,404	-1.4
Rhode Island	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Mid Atlantic	**634**	**597**	**603**	**7,014**	**6,626**	**5.9**
New Jersey	39	67	NM	599	650	-7.9
New York	72	69	NM	632	734	-13.9
Pennsylvania	523	461	505	5,784	5,242	10.3
East North Central	**14,070**	**14,110**	**13,991**	**160,438**	**166,599**	**-3.7**
Illinois	749	719	1,060	10,581	14,881	-28.9
Indiana	4,477	4,416	4,406	49,374	51,195	-3.6
Michigan	2,778	2,713	2,668	30,301	31,031	-2.4
Ohio	4,262	4,264	3,888	48,922	47,251	3.5
Wisconsin	1,805	1,999	1,969	21,259	22,242	-4.4
West North Central	**12,237**	**11,753**	**11,016**	**129,656**	**125,487**	**3.3**
Iowa	1,738	1,821	1,594	19,940	19,443	2.6
Kansas	1,910	1,927	1,444	20,715	18,366	12.8
Minnesota	1,658	1,612	1,641	17,334	16,695	3.8
Missouri	3,508	3,254	3,133	35,779	35,090	2.0
Nebraska	1,032	885	1,012	11,086	11,507	-3.7
North Dakota	2,196	2,208	2,024	22,959	22,383	2.6
South Dakota	196	47	169	1,842	2,003	-8.1
South Atlantic	**9,955**	**11,415**	**8,895**	**124,454**	**122,498**	**1.6**
Delaware	-	-	NM	-	660	-
District of Columbia	-	-	-	-	-	-
Florida	1,647	1,981	1,825	20,645	24,448	-15.6
Georgia	2,110	2,868	1,909	30,228	28,451	6.2
Maryland	-	-	-	-	-	-
North Carolina	2,220	2,383	1,888	25,609	25,016	2.4
South Carolina	1,018	1,105	943	13,155	13,353	-1.5
Virginia	1,029	982	1,053	11,285	11,206	0.7
West Virginia	1,932	2,096	1,227	23,531	19,365	21.5
East South Central	**7,763**	**8,081**	**7,406**	**92,020**	**94,723**	**-2.9**
Alabama	2,902	3,086	2,516	30,457	31,151	-2.2
Kentucky	2,311	2,420	2,487	31,605	33,084	-4.5
Mississippi	821	826	580	7,202	7,910	-9.0
Tennessee	1,730	1,749	1,824	22,756	22,578	0.8
West South Central	**7,972**	**7,865**	**10,222**	**92,279**	**122,728**	**-24.8**
Arkansas	1,285	1,250	1,155	13,035	13,598	-4.1
Louisiana	597	655	661	7,072	6,856	3.2
Oklahoma	1,734	1,590	1,623	18,422	17,801	3.5
Texas	4,357	4,370	6,783	53,750	84,473	-36.4
Mountain	**8,671**	**8,673**	**8,779**	**93,341**	**95,686**	**-2.5**
Arizona	1,739	1,592	1,596	17,532	18,566	-5.6
Colorado	1,594	1,624	1,608	17,441	17,736	-1.7
Idaho	-	-	-	-	-	-
Montana	30	19	22	252	277	-9.1
Nevada	661	596	731	7,124	7,518	-5.2
New Mexico	1,279	1,338	1,231	13,947	14,503	-3.8
Utah	1,198	1,325	1,186	13,854	13,141	5.4
Wyoming	2,171	2,178	2,404	23,191	23,945	-3.1
Pacific Contiguous	**224**	**233**	**190**	**1,923**	**2,262**	**-15.0**
California	-	-	-	-	-	-
Oregon	224	233	190	1,923	2,262	-15.0
Washington	-	-	-	-	-	-
Pacific Noncontiguous	**16**	**18**	**16**	**182**	**164**	**11.2**
Alaska	16	18	16	182	164	11.2
Hawaii	-	-	-	-	-	-
U.S. Total	**61,711**	**62,889**	**61,160**	**703,093**	**738,575**	**-4.8**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. 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.

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

Table 19. Electric Utility Consumption of Petroleum by Census Division and State

(Thousand Barrels)

Census Division and State	November 2002	October 2002	November 2001	Year to Date		
				2002	2001	Difference (percent)
New England	**74**	**186**	**43**	**1,041**	**1,198**	**-13.1**
Connecticut	NM	NM	NM	18	28	-35.6
Maine	-	-	-	-	-	-
Massachusetts	6	NM	NM	89	255	-65.2
New Hampshire	66	176	39	897	811	10.6
Rhode Island	NM	NM	NM	12	18	-32.3
Vermont	NM	NM	NM	24	85	-71.6
Mid Atlantic	**1,174**	**745**	**784**	**11,600**	**15,389**	**-24.6**
New Jersey	1	1	NM	364	442	-17.7
New York	1,170	742	779	11,169	14,912	-25.1
Pennsylvania	3	NM	NM	67	35	89.3
East North Central	**119**	**209**	**142**	**2,839**	**2,885**	**-1.6**
Illinois	5	NM	NM	74	189	-61.2
Indiana	27	34	35	394	421	-6.3
Michigan	45	109	51	1,837	1,411	30.2
Ohio	40	55	45	557	744	-25.0
Wisconsin	9	NM	NM	163	222	-26.8
West North Central	**67**	**100**	**87**	**1,337**	**2,094**	**-36.2**
Iowa	8	NM	NM	113	207	-45.5
Kansas	36	54	56	820	1,134	-27.7
Minnesota	23	NM	NM	266	402	-33.8
Missouri	14	NM	NM	367	472	-22.4
Nebraska	2	NM	NM	39	61	-36.2
North Dakota	2	7	8	59	60	-1.0
South Dakota	1	2	NM	14	107	-86.5
South Atlantic	**2,921**	**5,007**	**3,088**	**49,091**	**65,670**	**-25.2**
Delaware	6	NM	28	217	339	-36.1
District of Columbia	-	-	-	-	-	-
Florida	2,583	4,891	2,505	43,310	56,968	-24.0
Georgia	13	38	12	397	558	-28.9
Maryland	NM	NM	NM	44	159	-72.5
North Carolina	28	44	23	699	829	-15.7
South Carolina	13	18	15	310	461	-32.9
Virginia	314	60	545	4,869	6,812	-28.5
West Virginia	29	26	NM	306	350	-12.3
East South Central	**49**	**71**	**52**	**774**	**9,950**	**-92.2**
Alabama	14	21	11	210	508	-58.7
Kentucky	14	15	23	194	193	0.5
Mississippi	5	15	NM	60	8,395	-99.3
Tennessee	16	21	17	310	855	-63.8
West South Central	**21**	**82**	**227**	**373**	**7,542**	**-95.1**
Arkansas	7	15	10	191	1,023	-81.3
Louisiana	2	55	193	108	2,901	-96.3
Oklahoma	*	NM	NM	17	253	-93.1
Texas	12	NM	22	57	3,366	-98.3
Mountain	**32**	**34**	**34**	**386**	**3,305**	**-88.3**
Arizona	3	12	6	92	651	-85.8
Colorado	7	NM	NM	52	318	-83.8
Idaho	-	*	*	*	7	-
Montana	NM	NM	NM	1	2	-38.6
Nevada	4	4	2	46	2,113	-97.8
New Mexico	9	3	9	47	60	-22.6
Utah	NM	NM	NM	75	94	-20.8
Wyoming	4	9	4	74	59	24.0
Pacific Contiguous	**13**	**10**	**20**	**116**	**1,183**	**-90.2**
California	12	9	8	94	641	-85.3
Oregon	*	-	11	14	182	-92.6
Washington	*	*	1	8	360	-97.7
Pacific Noncontiguous	**971**	**1,114**	**1,003**	**11,644**	**11,564**	**0.7**
Alaska	81	NM	129	1,269	1,411	-10.1
Hawaii	890	1,018	874	10,375	10,152	2.2
U.S. Total	**5,443**	**7,559**	**5,490**	**79,200**	**120,780**	**-34.4**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Total may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Data do not include petroleum coke. • 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.

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

Table 20. Electric Utility Consumption of Gas by Census Division and State

(Million Cubic Feet)

Census Division and State	November 2002	October 2002	November 2001	Year to Date		
				2002	2001	Difference (percent)
New England	**94**	**483**	**68**	**3,440**	**2,683**	**28.2**
Connecticut	-	-	-	-	-	-
Maine	-	-	-	-	-	-
Massachusetts	NM	NM	NM	2,413	2,072	16.5
New Hampshire	-	194	*	993	498	99.5
Rhode Island	-	-	-	-	-	-
Vermont	4	4	3	34	113	-70.1
Mid Atlantic	**7,260**	**9,880**	**8,337**	**107,675**	**85,785**	**25.5**
New Jersey	37	58	6	1,142	1,210	-5.6
New York	7,223	9,821	8,330	106,523	84,564	26.0
Pennsylvania	NM	NM	NM	10	11	-5.3
East North Central	**3,464**	**4,396**	**4,456**	**69,137**	**58,377**	**18.4**
Illinois	NM	NM	NM	3,129	4,414	-29.1
Indiana	1,528	1,312	528	14,090	5,923	137.9
Michigan	883	2,001	2,732	29,141	31,342	-7.0
Ohio	280	NM	NM	10,423	5,087	104.9
Wisconsin	684	518	546	12,353	11,611	6.4
West North Central	**2,011**	**2,612**	**3,575**	**67,071**	**69,953**	**-4.1**
Iowa	461	371	248	6,580	5,477	20.1
Kansas	NM	NM	NM	20,859	22,477	-7.2
Minnesota	NM	NM	NM	6,358	5,014	26.8
Missouri	453	770	1,831	27,237	28,514	-4.5
Nebraska	NM	NM	NM	4,787	4,040	18.5
North Dakota	-	*	-	1	3	-69.8
South Dakota	12	28	NM	1,249	4,428	-71.8
South Atlantic	**31,607**	**47,728**	**27,300**	**503,860**	**339,568**	**48.4**
Delaware	2	11	38	239	459	-48.0
District of Columbia	-	-	-	-	-	-
Florida	30,383	45,100	25,000	426,887	297,355	43.6
Georgia	NM	NM	NM	13,323	12,192	9.3
Maryland	NM	NM	NM	19	4	422.8
North Carolina	412	788	130	18,065	10,924	65.4
South Carolina	364	780	52	27,210	2,263	1,102.6
Virginia	347	829	2,045	18,089	16,340	10.7
West Virginia	3	3	NM	30	31	-6.0
East South Central	**13,551**	**16,327**	**16,126**	**251,657**	**181,501**	**38.7**
Alabama	5,324	6,016	6,755	83,007	60,967	36.2
Kentucky	228	256	154	8,323	3,862	115.5
Mississippi	7,923	10,054	9,217	160,022	116,625	37.2
Tennessee	77	1	-	305	47	548.3
West South Central	**40,442**	**60,091**	**65,071**	**798,634**	**1,304,584**	**-38.8**
Arkansas	484	1,430	1,172	18,941	20,588	-8.0
Louisiana	11,962	18,709	9,274	232,699	216,475	7.5
Oklahoma	5,850	10,242	9,526	146,129	151,702	-3.7
Texas	22,146	29,709	45,099	400,866	915,819	-56.2
Mountain	**13,791**	**20,611**	**13,119**	**193,389**	**258,822**	**-25.3**
Arizona	2,672	6,845	2,986	53,699	98,581	-45.5
Colorado	3,533	4,045	2,873	41,070	42,382	-3.1
Idaho	*	37	-	449	-	-
Montana	1	1	1	100	146	-31.9
Nevada	5,071	5,758	4,320	57,858	63,634	-9.1
New Mexico	1,814	2,268	2,207	28,347	37,144	-23.7
Utah	NM	1,475	540	10,288	14,432	-28.7
Wyoming	95	181	193	1,579	2,503	-36.9
Pacific Contiguous	**8,032**	**8,277**	**10,970**	**104,728**	**201,674**	**-48.1**
California	6,135	6,507	6,589	82,460	113,636	-27.4
Oregon	1,271	1,154	3,226	13,777	42,223	-67.4
Washington	626	617	1,155	8,491	45,815	-81.5
Pacific Noncontiguous	**2,577**	**2,844**	**2,961**	**28,505**	**29,387**	**-3.0**
Alaska	2,577	2,844	2,961	28,505	29,387	-3.0
Hawaii	-	-	-	-	-	-
U.S. Total	**122,830**	**173,249**	**151,268**	**2,128,098**	**2,533,008**	**-16.0**

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Total may not equal sum of components because of independent rounding.

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

Fossil-Fuel Stocks at U.S. Electric Utilities

Table 21. U.S. Electric Utility Stocks of Coal and Petroleum, 1990 Through November 2002

Period	Coal (thousand short tons)				Petroleum (thousand barrels)			Petroleum Coke (thousand short tons)
	Anthracite[1]	Bituminous[2]	Lignite	Total	Distillate	Residual	Total	
1990	**6,499**	**142,650**	**7,016**	**156,166**	**16,471**	**67,030**	**83,501**	**94**
1991	**6,513**	**145,367**	**5,996**	**157,876**	**16,357**	**58,636**	**74,993**	**70**
1992	**6,215**	**142,156**	**5,759**	**154,130**	**15,714**	**56,135**	**71,849**	**67**
1993	**5,639**	**98,560**	**7,142**	**111,341**	**15,674**	**46,769**	**62,443**	**89**
1994	**4,879**	**115,325**	**6,693**	**126,897**	**16,644**	**46,342**	**62,986**	**69**
1995	**4,325**	**116,749**	**5,231**	**126,304**	**15,392**	**35,102**	**50,495**	**65**
1996	**3,687**	**105,807**	**5,129**	**114,623**	**15,216**	**32,473**	**47,690**	**91**
1997	**3,021**	**90,905**	**4,900**	**98,826**	**15,456**	**33,336**	**48,792**	**469**
1998	**2,503**	**113,626**	**4,373**	**120,501**	**16,343**	**37,447**	**53,790**	**559**
1999	**548**	**123,975**	**4,518**	**129,041**	**16,549**	**27,763**	**44,312**	**355**
2000								
January	W	119,494	W	123,661	14,655	21,678	36,333	297
February	W	124,667	W	129,055	15,048	22,055	37,103	195
March	W	122,773	W	127,130	14,643	20,966	35,608	171
April	W	124,196	W	128,669	14,698	21,135	35,834	150
May	W	122,432	W	127,090	14,206	20,169	34,375	113
June	W	114,709	W	119,634	14,693	19,133	33,826	87
July	W	106,744	W	111,494	14,579	20,136	34,715	108
August	W	101,314	W	106,201	14,419	18,759	33,178	157
September	W	97,820	W	102,876	13,780	17,265	31,046	199
October	W	99,570	W	104,422	13,932	17,302	31,234	247
November	W	97,664	W	102,227	14,020	18,451	32,470	245
December	W	84,985	W	90,115	12,655	16,915	29,570	186
2001								
January	W	79,984	W	84,825	14,922	15,295	30,217	200
February	W	81,461	W	86,462	15,447	18,074	33,521	156
March	W	89,811	W	94,644	14,704	17,721	32,425	155
April	W	97,847	W	102,626	14,622	17,658	32,280	140
May	W	104,956	W	109,595	14,404	20,932	35,336	130
June	W	103,005	W	107,452	14,957	19,855	34,812	246
July	W	98,357	W	102,664	14,950	21,147	36,097	232
August	W	92,128	W	96,440	14,794	17,831	32,625	200
September	W	94,592	W	98,915	14,848	17,993	32,841	318
October	W	102,935	W	107,745	14,909	18,283	33,192	353
November	W	110,009	W	115,250	15,143	18,873	34,016	341
December	W	112,140	W	117,150	15,312	20,578	35,891	300
2002								
January	W	112,611	W	116,032	12,913	19,623	32,536	326
February	W	114,162	W	117,506	13,006	18,233	31,239	259
March	W	118,324	W	121,482	12,908	15,480	28,388	309
April	W	121,141	W	124,155	12,382	15,865	28,247	339
May	W	123,757	W	126,739	12,339	17,101	29,440	263
June	W	120,635	W	123,590	12,327	17,821	30,147	247
July	W	113,156	W	115,953	12,033	16,110	28,143	171
August	W	109,384	W	112,103	12,047	16,271	28,318	270
September	W	107,111	W	109,795	11,822	13,931	25,752	296
October	W	112,461	W	115,249	11,597	14,924	26,521	336
November	W	115,675	W	118,656	11,958	15,912	27,870	272

[1] Anthracite includes anthracite silt stored off-site.
[2] Bituminous coal includes subbituminous coal.

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary --see Technical Notes for adjustment methodology. Values for 2000 and prior years are final. • Total may not equal sum of components because of independent rounding. • Prior to 1993, values represents December end-of-month stocks. For 1993 forward, values represent end-of-month stocks. 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: • 1990 - 2000: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report." • 2001 forward - Energy Information Administration, Form EIA-906, "Power Plant Report."

Table 22. Electric Utility Stocks of Coal by NERC Region and Hawaii

(Thousand Short Tons)

NERC Region and Hawaii	November 2002	October 2002	November 2001	Monthly Difference (percent)	Yearly Difference (percent)
ECAR	31,299	29,893	28,700	4.7	9.1
ERCOT	5,040	4,718	7,735	6.8	-34.8
FRCC	4,257	4,040	3,593	5.4	18.5
MAAC	176	141	232	24.7	-24.3
MAIN	11,979	11,426	10,718	4.8	11.8
MAPP (U.S.)	12,953	12,737	11,688	1.7	10.8
NPCC (U.S.)	564	568	517	-0.8	9.1
SERC	20,710	20,301	22,821	2.0	-9.3
SPP	19,205	18,710	16,909	2.6	13.6
WSCC (U.S.)	12,473	12,714	12,337	-1.9	1.1
Contiguous U.S.	**118,656**	**115,249**	**115,250**	**3.0**	**3.0**
Alaska	-	-	-	-	-
Hawaii	-	-	-	-	-
Noncontiguous U.S.	**-**	**-**	**-**	**-**	**-**
U.S. Total	**118,656**	**115,249**	**115,250**	**3.0**	**3.0**

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. • Stocks are end-of-month stocks at electric utilities. • See Glossary for explanation of acronyms. • 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.

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

Table 23. Electric Utility Stocks of Petroleum by NERC Region and Hawaii

(Thousand Barrels)

NERC Region and Hawaii	November 2002	October 2002	November 2001	Monthly Difference (percent)	Yearly Difference (percent)
ECAR	1,984	1,893	2,753	4.8	-27.9
ERCOT	1,148	1,154	3,274	-0.5	-64.9
FRCC	8,200	7,085	8,439	15.7	-2.8
MAAC	238	222	218	7.1	9.2
MAIN	303	305	436	-0.4	-30.5
MAPP (U.S.)	742	780	860	-4.8	-13.7
NPCC (U.S.)	3,395	3,507	4,434	-3.2	-23.4
SERC	4,393	4,155	5,368	5.7	-18.2
SPP	3,870	3,786	4,717	2.2	-17.9
WSCC (U.S.)	2,349	2,362	2,213	-0.6	6.1
Contiguous U.S.	**26,622**	**25,251**	**32,712**	**5.4**	**-18.6**
Alaska	210	207	249	1.8	-15.6
Hawaii	1,038	1,064	1,055	-2.5	-1.6
Noncontiguous U.S.	**1,248**	**1,271**	**1,304**	**-1.8**	**-4.3**
U.S. Total	**27,870**	**26,521**	**34,016**	**5.1**	**-18.1**

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Data do not include petroleum coke. • Stocks are end-of-month stocks at electric utilities. • See glossary for explanation of acronyms. • 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.

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

Table 24. Electric Utility Stocks of Coal by Census Division
(Thousand Short Tons)

Census Division	November 2002	October 2002	November 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	422	425	389	-0.7	8.4
Mid Atlantic	1,822	1,717	1,470	6.1	24.0
East North Central	32,076	30,829	29,950	4.0	7.1
West North Central	23,075	22,596	20,352	2.1	13.4
South Atlantic	21,267	20,385	22,741	4.3	-6.5
East South Central	11,754	11,729	11,315	0.2	3.9
West South Central	15,267	14,315	16,291	6.7	-6.3
Mountain	12,806	13,007	12,521	-1.5	2.3
Pacific Contiguous	166	246	205	-32.5	-19.1
Pacific Noncontiguous	-	-	-	-	-
U.S. Total	**118,656**	**115,249**	**115,250**	**3.0**	**3.0**

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. • Stocks are end-of-month stocks at electric utilities. 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.

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

Table 25. Electric Utility Stocks of Petroleum by Census Division
(Thousand Barrels)

Census Division	November 2002	October 2002	November 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	591	457	857	29.2	-31.1
Mid Atlantic	2,991	3,235	3,763	-7.5	-20.5
East North Central	1,979	1,900	2,805	4.1	-29.5
West North Central	2,058	2,070	2,245	-0.6	-8.3
South Atlantic	11,905	10,531	12,966	13.0	-8.2
East South Central	1,638	1,578	2,123	3.8	-22.8
West South Central	3,136	3,148	5,738	-0.4	-45.3
Mountain	1,165	1,176	992	-0.9	17.4
Pacific Contiguous	1,159	1,155	1,194	0.3	-3.0
Pacific Noncontiguous	1,248	1,271	1,304	-1.8	-4.3
U.S. Total	**27,870**	**26,521**	**34,016**	**5.1**	**-18.1**

Notes: • Values for 2002 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Data do not include petroleum coke. • Stocks are end-of-month stocks at electric utilities. 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.

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

Receipts and Cost of Fossil Fuels at U.S. Electric Utilities

Table 26. U.S. Electric Utility Receipts of and Average Cost for Fossil Fuels, 1990 Through October 2002

Period	Coal[1]		Petroleum				Gas		All Fossil Fuels[2]
			Heavy Oil[3]		Total				
	Receipts (thousand short tons)	Cost (cents/ 10^6 Btu)	Receipts (thousand barrels)	Cost (cents/ 10^6 Btu)	Receipts (thousand barrels)	Cost (cents/ 10^6 Btu)	Receipts (thousand Mcf)	Cost (cents/ 10^6 Btu)	Cost (cents/ 10^6 Btu)
1990	**786,627**	**145.5**	**202,281**	**331.9**	**209,350**	**338.4**	**2,490,979**	**232.1**	**168.9**
1991	**769,923**	**144.7**	**163,106**	**246.5**	**169,625**	**254.8**	**2,630,818**	**215.3**	**160.3**
1992	**775,963**	**141.2**	**138,537**	**247.5**	**144,390**	**255.1**	**2,637,678**	**232.8**	**159.0**
1993	**769,152**	**138.5**	**141,719**	**236.2**	**147,902**	**243.3**	**2,574,523**	**256.0**	**159.5**
1994	**831,929**	**135.5**	**135,184**	**240.9**	**142,940**	**248.8**	**2,863,904**	**223.0**	**152.6**
1995	**826,860**	**131.8**	**78,216**	**258.6**	**84,292**	**267.9**	**3,023,327**	**198.4**	**145.3**
1996	**862,701**	**128.9**	**98,926**	**303.4**	**106,629**	**315.7**	**2,604,663**	**264.1**	**151.9**
1997	**880,588**	**127.3**	**110,906**	**278.8**	**117,789**	**288.0**	**2,764,734**	**276.0**	**152.2**
1998	**929,448**	**125.2**	**156,852**	**207.9**	**165,191**	**213.6**	**2,922,957**	**238.1**	**143.8**
1999	**908,232**	**121.6**	**123,219**	**243.6**	**131,407**	**252.7**	**2,809,455**	**257.4**	**144.1**
2000									
January	69,471	119.9	2,668	353.6	3,035	378.4	170,117	270.9	139.4
February	67,199	121.2	3,846	391.7	4,271	419.6	151,152	290.2	143.2
March	69,703	121.2	3,764	385.8	4,066	402.7	191,465	293.0	146.0
April	63,890	121.6	4,961	379.6	5,258	389.5	199,696	315.8	153.0
May	67,779	120.4	7,708	409.7	8,331	422.8	268,772	354.9	167.2
June	65,615	121.1	10,034	435.4	10,650	444.4	270,015	445.9	187.2
July	68,217	119.3	11,397	431.0	12,027	439.8	323,950	434.0	191.6
August	69,160	118.5	10,992	418.0	11,412	426.5	332,154	429.4	189.2
September	64,642	117.6	9,696	454.9	10,168	466.9	240,233	486.7	187.8
October	61,904	121.7	8,944	475.9	9,355	487.2	177,839	530.3	185.9
November	61,175	119.1	8,184	462.8	8,676	477.8	147,630	539.5	177.1
December	61,520	118.7	10,454	431.0	12,607	471.8	156,963	840.9	217.4
Total	**790,274**	**120.0**	**92,648**	**429.4**	**99,855**	**445.0**	**2,629,986**	**430.2**	**173.8**
2001[4]									
January	67,470	122.3	13,773	421.7	17,254	471.4	134,549	920.7	214.5
February	57,397	123.9	9,166	442.2	9,799	455.8	114,039	694.7	189.3
March	64,359	122.6	8,685	402.3	9,635	419.6	141,653	573.8	178.5
April	60,277	123.9	9,422	388.4	10,152	404.7	178,222	563.7	192.2
May	68,369	124.5	12,171	376.7	12,897	389.6	203,724	514.1	186.5
June	63,667	124.8	10,717	380.1	11,240	391.2	212,536	425.1	178.7
July	65,920	122.5	10,872	359.7	11,282	367.0	282,929	374.3	176.6
August	67,986	123.3	8,546	347.7	8,965	359.0	277,039	355.8	169.9
September	57,998	123.4	6,612	341.3	7,017	358.1	207,491	295.5	156.8
October	64,442	121.0	4,503	309.0	4,838	325.6	165,688	271.5	142.4
November	59,551	123.7	5,728	280.0	6,121	291.5	111,201	324.1	145.3
December	65,380	122.0	4,853	274.5	5,321	286.3	123,295	307.6	141.9
Total	**762,815**	**123.1**	**105,048**	**372.4**	**114,523**	**392.0**	**2,152,366**	**448.6**	**173.3**
2002[4]									
January	60,026	121.9	3,649	266.4	3,981	279.7	98,478	321.2	139.9
February	56,544	124.0	1,920	251.6	2,219	274.8	97,866	297.0	139.3
March	57,216	121.1	3,221	290.7	3,554	309.3	118,372	343.2	144.8
April	51,499	121.1	5,894	353.2	6,256	363.0	120,934	379.8	155.6
May	51,574	121.4	6,317	359.4	6,696	368.6	130,691	378.3	158.2
June	51,965	121.6	6,210	362.8	6,561	370.4	165,341	357.9	161.6
July	60,607	120.8	4,730	349.3	5,091	361.2	205,575	343.6	158.0
August	61,386	123.4	6,681	383.6	6,934	389.3	205,148	338.4	161.2
September	58,245	123.0	3,680	369.8	3,955	385.4	165,108	367.6	157.7
October	62,424	122.4	6,318	409.9	6,787	426.9	134,776	414.7	159.4
Total	**571,486**	**122.1**	**48,620**	**353.0**	**52,032**	**364.3**	**1,442,289**	**355.4**	**153.8**
Year to Date									
2002[4]	**571,486**	**122.1**	**48,620**	**353.0**	**52,032**	**364.3**	**1,442,289**	**355.4**	**153.8**
2001[4]	**637,884**	**123.2**	**94,466**	**383.1**	**103,080**	**403.5**	**1,917,870**	**464.8**	**178.8**
2000	**667,579**	**120.2**	**74,010**	**425.5**	**78,573**	**437.1**	**2,325,393**	**395.3**	**169.6**

[1] Includes lignite, bituminous coal, subbituminous coal, and anthracite.
[2] The weighed average for all fossil fuels includes both heavy oil and light oil (Fuel Oil No.2, Kerosene, and jet fuel) prices. Data do not include petroleum coke.
[3] Heavy Oil includes Fuel Oil Nos. 4, 5, and 6, and topped crude fuel oil.
[4] Data for 2002 and 2001 are preliminary.

Notes: • Totals may not equal sum of components because of independent rounding. • As of 1991, data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 1990 are for steam-electric plants with a generator nameplate capacity of 50 or more megawatts. • Mcf=thousand cubic feet. • 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 will affect comparisons of current and historical data.

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

Table 27. Electric Utility Receipts of Coal by NERC Region and Hawaii
(Thousand Short Tons)

NERC Region and Hawaii	October 2002[1]	September 2002[1]	October 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	14,010	12,892	15,139	124,218	145,486	-14.6
ERCOT	1,684	1,848	5,508	17,359	60,031	-71.1
FRCC	1,848	2,088	2,043	16,039	18,988	-15.5
MAAC	65	69	110	432	364	19.0
MAIN	5,052	4,474	5,107	45,759	48,813	-6.3
MAPP (U.S.)	6,789	6,391	7,545	67,991	67,332	1.0
NPCC (U.S.)	260	236	199	1,941	2,054	-5.5
SERC	14,310	13,733	12,935	134,559	132,930	1.2
SPP	8,810	7,836	7,968	80,608	80,222	0.5
WSCC (U.S.)	9,597	8,680	7,888	82,579	81,665	1.1
Contiguous U.S.	**62,424**	**58,245**	**64,442**	**571,486**	**637,884**	**-10.4**
Alaska	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-
Noncontiguous U.S.	**-**	**-**	**-**	**-**	**-**	**-**
U.S. Total	**62,424**	**58,245**	**64,442**	**571,486**	**637,884**	**-10.4**

[1] Data for 2002 and 2001 are preliminary.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Includes lignite, bituminous coal, subbituminous coal, and anthracite. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

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

Table 28. Average Cost of Coal Delivered to Electric Utilities by NERC Region and Hawaii
(Cents/Million Btu)

NERC Region and Hawaii	October 2002[1]	September 2002[1]	October 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	119.8	122.4	121.4	122.0	122.1	*
ERCOT	116.0	114.0	131.2	116.7	129.5	-9.9
FRCC	181.0	182.2	177.0	175.4	172.7	1.6
MAAC	210.3	243.8	235.1	234.0	185.2	26.3
MAIN	103.6	102.9	111.3	105.0	107.5	-2.3
MAPP (U.S.)	88.8	84.9	86.2	86.8	82.8	4.8
NPCC (U.S.)	169.9	175.8	174.3	176.6	156.6	12.8
SERC	148.6	150.5	145.8	149.7	148.8	0.6
SPP	110.5	97.3	95.6	100.7	105.2	-4.2
WSCC (U.S.)	102.6	105.5	101.7	104.9	108.6	-3.4
Contiguous U.S.	**122.4**	**123.0**	**121.0**	**122.1**	**123.2**	**-0.9**
Alaska	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-
Noncontiguous U.S.	**-**	**-**	**-**	**-**	**-**	**-**
U.S. Average	**122.4**	**123.0**	**121.0**	**122.1**	**123.2**	**-0.9**

[1] Data for 2002 and 2001 are preliminary.

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Includes lignite, bituminous coal, subbituminous coal, and anthracite. • 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 will affect comparisons of current and historical data.

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

Table 29. Electric Utility Receipts of Petroleum by NERC Region and Hawaii
(Thousand Barrels)

NERC Region and Hawaii	October 2002[1]	September 2002[1]	October 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	123	142	223	1,671	3,163	-47.2
ERCOT	*	-	7	*	1,887	NM
FRCC	4,963	2,854	3,465	34,782	51,838	-32.9
MAAC	40	102	22	646	1,134	-43.0
MAIN	12	13	18	181	325	-44.4
MAPP (U.S.)	6	17	10	148	233	-36.5
NPCC (U.S.)	1,305	610	773	9,072	14,181	-36.0
SERC	129	82	197	4,356	7,116	-38.8
SPP	116	109	81	847	12,337	-93.1
WSCC (U.S.)	92	27	42	328	1,383	-76.3
Contiguous U.S.	**6,787**	**3,955**	**4,838**	**52,032**	**93,598**	**-44.4**
Alaska	-	-	-	-	-	-
Hawaii	-	-	-	-	9,482	NM
Noncontiguous U.S.	**-**	**-**	**-**	**-**	**9,482**	**-100.0**
U.S. Total	**6,787**	**3,955**	**4,838**	**52,032**	**103,080**	**-49.5**

[1] Data for 2002 and 2001 are preliminary.
* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent
NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.
Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.
Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 30. Average Cost of Petroleum Delivered to Electric Utilities by NERC Region and Hawaii
(Cents/Million Btu)

NERC Region and Hawaii	October 2002[1]	September 2002[1]	October 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	562.5	497.7	484.7	386.8	504.4	-23.3
ERCOT	506.3	-	396.0	506.3	678.2	-25.3
FRCC	433.0	383.5	319.7	363.2	370.1	-1.9
MAAC	468.3	165.6	341.5	408.8	383.7	6.5
MAIN	672.8	646.6	614.4	502.4	610.4	-17.7
MAPP (U.S.)	656.7	564.2	612.3	532.4	650.6	-18.2
NPCC (U.S.)	365.6	371.9	277.0	340.3	362.2	-6.0
SERC	517.9	523.7	344.7	390.6	413.4	-5.5
SPP	375.2	354.8	346.0	322.0	412.5	-21.9
WSCC (U.S.)	702.2	701.7	625.0	596.5	695.2	-14.2
Contiguous U.S.	**426.9**	**385.4**	**325.6**	**364.3**	**394.1**	**-7.5**
Alaska	-	-	-	-	-	-
Hawaii	-	-	-	-	497.8	NM
Noncontiguous U.S.	**-**	**-**	**-**	**-**	**497.8**	**NM**
U.S. Average	**426.9**	**385.4**	**325.6**	**364.3**	**403.5**	**-9.7**

[1] Data for 2002 and 2001 are preliminary.
NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.
Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • 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 will affect comparisons of current and historical data.
Source: • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 31. Electric Utility Receipts of Gas by NERC Region and Hawaii
(Million Cubic Feet)

NERC Region and Hawaii	October 2002[1]	September 2002[1]	October 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	1,138	2,491	3,467	21,227	23,309	-8.9
ERCOT	9,166	7,848	37,777	50,433	638,556	-92.1
FRCC	33,043	33,492	31,952	307,998	210,506	46.3
MAAC	11	15	131	248	423	-41.4
MAIN	243	379	698	6,544	5,729	14.2
MAPP (U.S.)	743	883	371	6,963	4,850	43.6
NPCC (U.S.)	6,551	9,611	13,075	74,099	79,609	-6.9
SERC	10,008	13,529	10,849	125,506	59,780	109.9
SPP	46,737	67,525	41,709	615,668	585,313	5.2
WSCC (U.S.)	26,365	28,715	24,704	222,572	301,338	-26.1
Contiguous U.S.	**134,005**	**164,487**	**164,731**	**1,431,258**	**1,909,412**	**-25.0**
Alaska	771	621	957	11,031	8,458	30.4
Hawaii	-	-	-	-	-	-
Noncontiguous U.S.	**771**	**621**	**957**	**11,031**	**8,458**	**30.4**
U.S. Total	**134,776**	**165,108**	**165,688**	**1,442,289**	**1,917,870**	**-24.8**

[1] Data for 2002 and 2001 are preliminary.

Notes: • Totals may not equal the some of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

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

Table 32. Average Cost of Gas Delivered to Electric Utilities by NERC Region and Hawaii
(Cents/Million Btu)

NERC Region and Hawaii	October 2002[1]	September 2002[1]	October 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	365.4	374.9	289.9	345.1	410.7	-16.0
ERCOT	383.8	328.1	255.0	330.0	430.5	-23.3
FRCC	463.8	397.6	271.9	389.7	480.6	-18.9
MAAC	474.9	404.3	314.5	351.8	525.4	-33.0
MAIN	425.7	393.4	273.8	350.5	458.0	-23.5
MAPP (U.S.)	435.7	429.2	279.0	372.2	495.3	-24.9
NPCC (U.S.)	441.4	388.3	271.0	369.3	417.3	-11.5
SERC	448.0	376.3	254.2	347.4	419.9	-17.3
SPP	414.5	358.2	216.7	334.5	432.2	-22.6
WSCC (U.S.)	350.9	354.8	394.2	377.1	621.8	-39.4
Contiguous U.S.	**416.0**	**368.2**	**271.4**	**356.2**	**465.8**	**-23.5**
Alaska	196.8	211.6	288.0	245.3	246.7	-0.6
Hawaii	-	-	-	-	-	-
Noncontiguous U.S.	**196.8**	**211.6**	**288.0**	**245.3**	**246.7**	**-0.6**
U.S. Average	**414.7**	**367.6**	**271.5**	**355.4**	**464.8**	**-23.6**

[1] Data for 2002 and 2001 are preliminary.

Notes: • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Monetary values are expressed in monetary terms. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

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

Table 33. Electric Utility Receipts of Coal by Type, Census Division, and State, October 2002

Census Division and State	Anthracite		Bituminous		Subbituminous		Lignite		Total	
	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)
New England	**-**	**-**	**164**	**4,161**	**-**	**-**	**-**	**-**	**164**	**4,161**
Connecticut	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	63	1,454	-	-	-	-	63	1,454
New Hampshire	-	-	102	2,707	-	-	-	-	102	2,707
Rhode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**-**	**-**	**231**	**6,015**	**-**	**-**	**-**	**-**	**231**	**6,015**
New Jersey	-	-	65	1,706	-	-	-	-	65	1,706
New York	-	-	96	2,529	-	-	-	-	96	2,529
Pennsylvania	-	-	70	1,780	-	-	-	-	70	1,780
East North Central	**-**	**-**	**7,379**	**172,719**	**5,941**	**105,322**	**-**	**-**	**13,319**	**278,040**
Illinois	-	-	395	8,447	506	8,856	-	-	901	17,303
Indiana	-	-	3,368	76,496	1,147	20,296	-	-	4,515	96,792
Michigan	-	-	771	19,507	2,360	42,691	-	-	3,131	62,198
Ohio	-	-	2,507	60,136	-	-	-	-	2,507	60,136
Wisconsin	-	-	337	8,132	1,928	33,478	-	-	2,265	41,611
West North Central	**-**	**-**	**273**	**6,350**	**9,413**	**162,527**	**2,170**	**28,425**	**11,857**	**197,302**
Iowa	-	-	67	1,462	1,770	30,133	-	-	1,837	31,595
Kansas	-	-	33	691	2,008	34,179	-	-	2,041	34,870
Minnesota	-	-	-	-	1,385	24,513	-	-	1,385	24,513
Missouri	-	-	173	4,197	3,217	55,931	-	-	3,390	60,129
Nebraska	-	-	-	-	911	15,755	-	-	911	15,755
North Dakota	-	-	-	-	69	1,095	2,170	28,425	2,239	29,520
South Dakota	-	-	-	-	54	921	-	-	54	921
South Atlantic	**-**	**-**	**11,099**	**275,647**	**626**	**10,956**	**-**	**-**	**11,725**	**286,603**
Delaware	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	-	-	2,087	51,613	31	538	-	-	2,118	52,152
Georgia	-	-	2,245	55,804	596	10,418	-	-	2,841	66,222
Maryland	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	2,102	51,966	-	-	-	-	2,102	51,966
South Carolina	-	-	1,291	32,760	-	-	-	-	1,291	32,760
Virginia	-	-	966	24,627	-	-	-	-	966	24,627
West Virginia	-	-	2,408	58,877	-	-	-	-	2,408	58,877
East South Central	**-**	**-**	**6,806**	**161,801**	**1,727**	**30,269**	**-**	**-**	**8,533**	**192,069**
Alabama	-	-	1,621	38,550	1,056	18,491	-	-	2,677	57,041
Kentucky	-	-	2,615	60,762	176	3,096	-	-	2,791	63,858
Mississippi	-	-	483	11,430	-	-	-	-	483	11,430
Tennessee	-	-	2,088	51,059	495	8,682	-	-	2,582	59,741
West South Central	**-**	**-**	**-**	**-**	**5,941**	**103,010**	**1,058**	**13,318**	**6,999**	**116,328**
Arkansas	-	-	-	-	1,331	23,045	-	-	1,331	23,045
Louisiana	-	-	-	-	407	7,084	377	5,198	785	12,283
Oklahoma	-	-	-	-	1,870	32,487	-	-	1,870	32,487
Texas	-	-	-	-	2,332	40,394	680	8,120	3,012	48,514
Mountain	**-**	**-**	**3,351**	**74,785**	**6,018**	**108,821**	**19**	**263**	**9,388**	**183,869**
Arizona	-	-	757	16,385	976	18,743	-	-	1,734	35,128
Colorado	-	-	433	9,516	1,125	20,681	-	-	1,558	30,197
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	619	10,565	19	263	639	10,828
Nevada	-	-	702	15,908	-	-	-	-	702	15,908
New Mexico	-	-	-	-	1,338	24,762	-	-	1,338	24,762
Utah	-	-	1,226	28,307	-	-	-	-	1,226	28,307
Wyoming	-	-	232	4,669	1,958	34,069	-	-	2,190	38,738
Pacific Contiguous	**-**	**-**	**-**	**-**	**209**	**3,641**	**-**	**-**	**209**	**3,641**
California	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	209	3,641	-	-	209	3,641
Washington	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-
U.S. Total	**-**	**-**	**29,302**	**701,477**	**29,875**	**524,546**	**3,247**	**42,007**	**62,424**	**1,268,029**

Notes: • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 2002 are preliminary. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

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

Table 34. Receipts and Average Cost of Coal Delivered to Electric Utilities by Census Division and State

Census Division and State	October 2002 Receipts		October 2001 Receipts		Year to Date			
	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents/million Btu)[1]	
					2002	2001	2002	2001
New England	**164**	**4,161**	**128**	**3,357**	**36,335**	**36,782**	**185.5**	**163.5**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	63	1,454	-	-	3,983	-	220.0	-
New Hampshire	102	2,707	128	3,357	32,352	36,782	181.3	163.5
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	**231**	**6,015**	**182**	**4,735**	**45,812**	**37,032**	**159.1**	**140.7**
New Jersey	65	1,706	110	2,872	11,269	3,428	234.0	227.3
New York	96	2,529	72	1,863	14,719	16,735	154.7	141.2
Pennsylvania	70	1,780	-	-	19,824	16,868	119.8	122.7
East North Central	**13,319**	**278,040**	**14,786**	**307,837**	**2,448,301**	**2,912,361**	**119.4**	**121.2**
Illinois	901	17,303	1,400	26,934	213,609	262,108	117.2	119.3
Indiana	4,515	96,792	4,530	94,144	746,869	896,300	115.7	113.6
Michigan	3,131	62,198	3,387	69,044	544,213	581,128	130.7	127.9
Ohio	2,507	60,136	3,198	75,285	601,547	813,206	119.3	132.5
Wisconsin	2,265	41,611	2,271	42,431	342,063	359,620	110.9	104.9
West North Central	**11,857**	**197,302**	**12,441**	**208,842**	**1,918,997**	**1,939,030**	**88.2**	**88.8**
Iowa	1,837	31,595	2,070	35,891	312,069	317,496	87.0	81.4
Kansas	2,041	34,870	1,950	33,824	296,608	312,541	98.5	101.6
Minnesota	1,385	24,513	1,665	29,673	265,439	258,042	105.4	102.5
Missouri	3,390	60,129	3,353	59,390	568,754	577,630	89.4	95.9
Nebraska	911	15,755	1,210	20,732	175,655	184,376	58.1	56.7
North Dakota	2,239	29,520	2,028	26,546	274,695	258,656	74.6	73.7
South Dakota	54	921	165	2,786	25,777	30,288	130.7	103.3
South Atlantic	**11,725**	**286,603**	**9,880**	**238,724**	**2,646,558**	**2,797,399**	**159.7**	**156.7**
Delaware	-	-	-	-	-	602	-	216.9
District of Columbia	-	-	-	-	-	-	-	-
Florida	2,118	52,152	2,239	54,558	447,576	531,651	173.6	171.0
Georgia	2,841	66,222	2,963	69,250	627,035	685,661	167.5	166.2
Maryland	-	-	-	-	-	-	-	-
North Carolina	2,102	51,966	1,399	34,090	499,205	515,387	174.5	159.1
South Carolina	1,291	32,760	1,335	33,554	315,654	322,007	158.5	155.0
Virginia	966	24,627	390	9,762	243,472	249,205	160.4	159.3
West Virginia	2,408	58,877	1,553	37,510	513,615	492,885	124.1	125.1
East South Central	**8,533**	**192,069**	**9,327**	**209,819**	**1,825,454**	**1,774,839**	**127.9**	**125.8**
Alabama	2,677	57,041	3,039	64,916	517,025	542,695	141.1	141.0
Kentucky	2,791	63,858	3,334	76,504	623,414	658,240	118.3	110.2
Mississippi	483	11,430	478	11,276	102,754	118,569	164.7	163.7
Tennessee	2,582	59,741	2,475	57,124	582,261	455,335	120.0	120.5
West South Central	**6,999**	**116,328**	**9,810**	**156,516**	**1,086,418**	**1,674,138**	**108.7**	**120.8**
Arkansas	1,331	23,045	961	17,028	195,378	216,216	74.0	91.8
Louisiana	785	12,283	690	11,078	102,925	105,634	130.0	130.8
Oklahoma	1,870	32,487	1,324	22,931	289,688	237,920	94.0	90.2
Texas	3,012	48,514	6,836	105,481	498,426	1,114,369	126.3	132.0
Mountain	**9,388**	**183,869**	**7,586**	**151,105**	**1,587,766**	**1,581,268**	**104.4**	**108.6**
Arizona	1,734	35,128	1,442	29,657	290,431	325,772	125.9	125.3
Colorado	1,558	30,197	1,598	31,129	314,100	301,896	95.4	92.1
Idaho	-	-	-	-	-	-	-	-
Montana	639	10,828	26	344	86,908	3,334	61.8	95.5
Nevada	702	15,908	605	13,560	129,301	147,850	132.0	126.9
New Mexico	1,338	24,762	435	8,168	146,475	166,009	153.4	152.1
Utah	1,226	28,307	1,117	26,650	273,179	274,039	97.8	112.1
Wyoming	2,190	38,738	2,362	41,598	347,373	362,368	79.3	77.4
Pacific Contiguous	**209**	**3,641**	**302**	**5,360**	**28,658**	**37,054**	**133.5**	**108.8**
California	-	-	-	-	-	-	-	-
Oregon	209	3,641	302	5,360	28,658	37,054	133.5	108.8
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**62,424**	**1,268,029**	**64,442**	**1,286,294**	**11,624,299**	**12,789,904**	**122.1**	**123.2**

[1] Monetary values are expressed in nominal terms.

Notes: • Data for 2002 and 2001 are preliminary. • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data. • See footnotes 3 through 6 of Table 57 for information concerning delivered cost of coal to Alabama, Florida, Kentucky, and Tennessee.

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

Table 35. Receipts and Average Cost of Coal Delivered to Electric Utilities by Type of Purchase, Mining Method, Census Division, and State, October 2002

Census Division and State	Type of Purchase						Type of Mining					
	Contract			Spot			Strip and Auger			Underground		
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]	
	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)
New England	**51**	**200.5**	**52.44**	**114**	**184.2**	**45.93**	**46**	**205.8**	**45.70**	**118**	**184.0**	**48.81**
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	9	236.7	61.49	54	202.3	46.00	46	205.8	45.70	17	212.6	55.13
New Hampshire	42	192.9	50.52	60	170.4	45.86	-	-	-	102	179.5	47.78
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**146**	**131.2**	**34.21**	**85**	**193.0**	**50.19**	**8**	**131.2**	**33.05**	**223**	**154.7**	**40.33**
New Jersey	-	-	-	65	210.3	54.79	-	-	-	65	210.3	54.79
New York	76	139.1	37.00	19	133.5	34.48	8	131.2	33.05	87	138.6	36.82
Pennsylvania	70	122.3	31.16	-	-	-	-	-	-	70	122.3	31.16
East North Central	**11,277**	**116.3**	**24.08**	**2,043**	**120.6**	**26.24**	**9,546**	**110.3**	**21.75**	**3,773**	**130.8**	**31.14**
Illinois	882	115.3	22.11	18	129.5	27.26	550	93.7	16.68	351	144.1	30.88
Indiana	3,779	115.5	24.79	736	120.3	25.66	2,980	109.6	22.47	1,536	127.8	29.72
Michigan	2,809	117.0	23.32	322	128.4	24.84	2,562	107.8	20.28	569	153.9	37.83
Ohio	1,730	121.0	29.18	777	116.4	27.60	1,482	126.8	29.58	1,025	110.0	27.40
Wisconsin	2,076	111.9	20.42	189	128.1	25.23	1,973	103.5	18.13	292	161.6	39.04
West North Central	**10,124**	**88.0**	**14.51**	**1,733**	**91.2**	**16.05**	**11,722**	**87.6**	**14.50**	**134**	**142.3**	**34.65**
Iowa	1,777	88.3	15.12	60	117.9	23.12	1,821	88.7	15.23	16	152.0	33.45
Kansas	1,739	102.7	17.56	302	72.4	12.33	2,041	98.3	16.79	-	-	-
Minnesota	1,063	103.8	18.31	322	119.4	21.37	1,385	107.5	19.02	-	-	-
Missouri	2,431	90.1	16.03	959	87.6	15.42	3,271	86.7	15.17	119	141.2	34.81
Nebraska	821	57.5	9.96	90	67.3	11.49	911	58.5	10.11	-	-	-
North Dakota	2,239	73.3	9.66	-	-	-	2,239	73.3	9.66	-	-	-
South Dakota	54	133.3	22.74	-	-	-	54	133.3	22.74	-	-	-
South Atlantic	**8,272**	**163.5**	**40.62**	**3,453**	**153.5**	**36.04**	**5,135**	**160.7**	**38.28**	**6,590**	**160.6**	**40.04**
Delaware	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	1,651	180.7	44.67	467	169.1	41.08	636	176.9	43.51	1,482	178.7	44.04
Georgia	1,895	169.5	42.24	946	161.8	32.51	1,937	165.7	37.43	903	170.3	42.35
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	1,664	180.2	44.62	437	173.7	42.74	1,146	175.9	43.39	956	182.4	45.23
South Carolina	722	158.5	40.41	570	155.7	39.21	149	157.3	39.81	1,142	157.2	39.89
Virginia	712	161.3	41.16	253	145.3	36.96	213	151.0	38.60	753	158.8	40.47
West Virginia	1,627	124.5	30.37	780	126.0	30.94	1,053	127.8	30.85	1,355	122.8	30.33
East South Central	**8,119**	**125.5**	**28.13**	**414**	**137.5**	**33.71**	**4,224**	**124.0**	**26.21**	**4,308**	**128.1**	**30.54**
Alabama	2,677	133.4	28.43	-	-	-	1,844	125.5	25.22	833	148.1	35.54
Kentucky	2,516	117.5	26.71	275	130.3	31.56	1,319	122.3	27.53	1,471	115.8	26.89
Mississippi	389	163.1	38.03	94	162.0	40.65	192	158.6	37.51	291	165.6	39.23
Tennessee	2,538	119.9	27.70	45	128.8	32.26	869	114.9	23.83	1,713	122.3	29.78
West South Central	**5,306**	**116.8**	**19.14**	**1,693**	**131.5**	**22.82**	**6,999**	**120.5**	**20.03**	**-**	**-**	**-**
Arkansas	41	189.4	32.59	1,291	136.8	23.69	1,331	138.4	23.96	-	-	-
Louisiana	785	125.0	19.56	-	-	-	785	125.0	19.56	-	-	-
Oklahoma	1,645	96.5	16.75	225	102.2	17.80	1,870	97.2	16.88	-	-	-
Texas	2,836	126.2	20.21	177	130.1	22.92	3,012	126.5	20.37	-	-	-
Mountain	**9,040**	**102.7**	**20.08**	**348**	**83.4**	**17.28**	**7,638**	**102.6**	**19.26**	**1,750**	**99.7**	**23.07**
Arizona	1,676	113.6	23.07	58	116.6	21.75	1,734	113.7	23.03	-	-	-
Colorado	1,411	94.6	18.22	147	85.7	17.62	1,323	91.7	17.21	236	103.0	23.53
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	639	61.1	10.36	-	-	-	639	61.1	10.36	-	-	-
Nevada	702	137.0	31.05	-	-	-	414	137.0	30.16	288	137.1	32.32
New Mexico	1,338	137.7	25.48	-	-	-	1,338	137.7	25.48	-	-	-
Utah	1,147	90.9	20.82	79	80.4	20.63	-	-	-	1,226	90.1	20.81
Wyoming	2,126	81.5	14.43	64	49.4	8.33	2,190	80.6	14.26	-	-	-
Pacific Contiguous	**-**	**-**	**-**	**209**	**132.2**	**23.03**	**209**	**132.2**	**23.03**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	209	132.2	23.03	209	132.2	23.03	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	**52,334**	**120.5**	**24.33**	**10,090**	**131.8**	**27.63**	**45,528**	**114.1**	**21.51**	**16,897**	**139.8**	**33.90**

[1] Monetary values are expressed in nominal terms.

Notes: • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 2002 are preliminary. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data. • See footnotes 3 through 6 of Table 57 for information concerning delivered cost of coal to Alabama, Florida, Kentucky, and Tennessee.

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

Table 36. Receipts and Average Cost of Coal Delivered to Electric Utilities by Sulfur Content, Census Division, and State, October 2002

Census Division and State	0.5% or Less			More than 0.5% up to 1.0%			More than 1.0% up to 1.5%		
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]	
	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)
New England	**46**	**205.8**	**45.70**	**76**	**179.3**	**47.87**	**-**	**-**	**-**
Connecticut	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-
Massachusetts	46	205.8	45.70	17	212.6	55.13	-	-	-
New Hampshire	-	-	-	60	170.4	45.86	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	**-**	**-**	**-**	**7**	**204.4**	**50.18**	**1**	**145.0**	**35.62**
New Jersey	-	-	-	7	204.4	50.18	-	-	-
New York	-	-	-	-	-	-	1	145.0	35.62
Pennsylvania	-	-	-	-	-	-	-	-	-
East North Central	**6,122**	**104.5**	**18.68**	**2,059**	**143.1**	**34.52**	**1,153**	**131.1**	**30.48**
Illinois	547	101.5	18.27	68	127.3	26.14	29	173.4	39.04
Indiana	1,266	119.5	21.57	607	143.1	34.09	585	113.9	25.41
Michigan	2,381	99.4	18.02	412	165.1	41.25	188	174.6	44.94
Ohio	-	-	-	894	131.8	31.91	246	120.3	28.01
Wisconsin	1,928	102.0	17.70	78	164.3	39.66	105	150.2	36.37
West North Central	**9,217**	**88.1**	**14.93**	**2,464**	**84.8**	**12.75**	**82**	**137.4**	**34.10**
Iowa	1,712	88.4	15.13	96	84.7	14.67	3	171.3	42.65
Kansas	2,008	97.7	16.63	-	-	-	-	-	-
Minnesota	670	113.0	20.31	715	102.2	17.81	-	-	-
Missouri	3,137	86.1	15.01	139	104.9	20.33	79	136.0	33.76
Nebraska	911	58.5	10.11	-	-	-	-	-	-
North Dakota	726	77.3	9.91	1,513	71.4	9.54	-	-	-
South Dakota	54	133.3	22.74	-	-	-	-	-	-
South Atlantic	**626**	**160.6**	**28.09**	**6,629**	**165.1**	**40.91**	**3,043**	**158.8**	**39.85**
Delaware	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-
Florida	31	143.5	25.22	798	192.8	47.85	672	174.7	43.95
Georgia	596	161.5	28.24	1,684	169.2	42.22	523	164.7	40.38
Maryland	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	1,805	180.1	44.48	296	171.5	42.69
South Carolina	-	-	-	264	171.0	43.52	967	154.1	39.11
Virginia	-	-	-	583	156.5	39.74	275	155.6	39.58
West Virginia	-	-	-	1,494	129.2	31.39	310	119.7	29.93
East South Central	**2,166**	**124.0**	**23.32**	**2,705**	**143.8**	**34.81**	**925**	**122.9**	**29.66**
Alabama	1,056	122.4	21.43	664	165.6	39.65	592	115.6	27.70
Kentucky	396	132.3	28.06	647	138.4	33.48	95	130.0	30.88
Mississippi	87	192.8	43.93	321	156.7	36.97	75	155.8	39.00
Tennessee	627	109.0	20.63	1,074	130.2	31.98	164	129.7	31.78
West South Central	**5,941**	**120.2**	**20.84**	**52**	**145.1**	**19.55**	**706**	**133.6**	**18.11**
Arkansas	1,331	138.4	23.96	-	-	-	-	-	-
Louisiana	407	123.0	21.39	52	145.1	19.55	326	124.9	17.26
Oklahoma	1,870	97.2	16.88	-	-	-	-	-	-
Texas	2,332	127.8	22.14	-	-	-	380	141.3	18.84
Mountain	**4,792**	**94.5**	**18.47**	**4,130**	**110.9**	**21.41**	**466**	**100.2**	**22.67**
Arizona	593	122.2	23.99	1,140	109.4	22.53	-	-	-
Colorado	1,484	93.3	17.97	39	104.8	23.24	36	96.3	20.76
Idaho	-	-	-	-	-	-	-	-	-
Montana	-	-	-	639	61.1	10.36	-	-	-
Nevada	594	137.7	30.76	49	158.2	37.23	60	115.2	28.87
New Mexico	-	-	-	1,338	137.7	25.48	-	-	-
Utah	716	94.9	21.47	371	82.7	18.96	139	85.9	22.35
Wyoming	1,405	58.3	9.94	553	121.1	22.16	232	107.1	21.55
Pacific Contiguous	**209**	**132.2**	**23.03**	**-**	**-**	**-**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-
Oregon	209	132.2	23.03	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-
U.S. Total	**29,120**	**104.0**	**18.52**	**18,122**	**140.6**	**30.97**	**6,377**	**142.2**	**32.94**

[1] Monetary values are expressed in nominal terms.

Notes: • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 2002 are preliminary. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

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

Table 36. Receipts and Average Cost of Coal Delivered to Electric Utilities by Sulfur Content, Census Division, and State, October 2002 (Continued)

Census Division and State	More than 1.5% up to 2.0%			More than 2.0% up to 3.0%			More than 3.0%			All Purchases	
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]			
	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(cents/ 10^6 Btu)	($/ short ton)	(cents/ 10^6 Btu)	($/ short ton)
New England	**42**	**192.9**	**50.52**	**-**	**-**	**-**	**-**	**-**	**-**	**189.4**	**47.94**
Connecticut	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	207.8	48.19
New Hampshire	42	192.9	50.52	-	-	-	-	-	-	179.5	47.78
Rhode Island	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**44**	**129.3**	**33.91**	**178**	**157.9**	**41.18**	**-**	**-**	**-**	**153.8**	**40.07**
New Jersey	-	-	-	58	211.0	55.39	-	-	-	210.3	54.79
New York	40	130.7	34.61	55	143.1	37.88	-	-	-	138.0	36.49
Pennsylvania	4	114.1	26.96	66	122.8	31.42	-	-	-	122.3	31.16
East North Central	**850**	**126.4**	**29.25**	**1,719**	**114.2**	**26.83**	**1,418**	**104.6**	**23.75**	**117.0**	**24.41**
Illinois	4	52.3	8.76	7	46.5	7.22	246	134.2	28.57	115.6	22.22
Indiana	534	113.4	25.32	948	107.1	24.62	576	101.2	22.35	116.3	24.93
Michigan	103	133.1	34.70	48	131.8	33.18	-	-	-	118.2	23.47
Ohio	55	125.1	29.01	716	122.5	29.52	597	96.8	23.11	119.6	28.69
Wisconsin	154	165.1	39.83	-	-	-	-	-	-	113.4	20.82
West North Central	**-**	**-**	**-**	**61**	**144.0**	**32.71**	**33**	**125.4**	**26.33**	**88.5**	**14.73**
Iowa	-	-	-	26	140.3	31.40	-	-	-	89.4	15.38
Kansas	-	-	-	-	-	-	33	125.4	26.33	98.3	16.79
Minnesota	-	-	-	-	-	-	-	-	-	107.5	19.02
Missouri	-	-	-	35	146.8	33.69	-	-	-	89.4	15.86
Nebraska	-	-	-	-	-	-	-	-	-	58.5	10.11
North Dakota	-	-	-	-	-	-	-	-	-	73.3	9.66
South Dakota	-	-	-	-	-	-	-	-	-	133.3	22.74
South Atlantic	**633**	**133.0**	**33.08**	**297**	**168.0**	**39.99**	**497**	**144.3**	**35.35**	**160.6**	**39.27**
Delaware	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-
Florida	-	-	-	293	168.8	40.25	324	159.8	38.99	178.2	43.88
Georgia	38	179.4	45.78	-	-	-	-	-	-	167.3	39.00
Maryland	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-	178.9	44.23
South Carolina	61	147.0	36.39	-	-	-	-	-	-	157.2	39.88
Virginia	103	165.9	43.86	4	96.3	19.69	-	-	-	157.1	40.06
West Virginia	431	118.2	28.91	-	-	-	173	115.6	28.56	125.0	30.56
East South Central	**417**	**130.6**	**31.55**	**840**	**107.2**	**26.03**	**1,480**	**106.5**	**23.79**	**126.2**	**28.40**
Alabama	125	144.1	34.80	20	121.1	27.09	220	117.0	26.68	133.4	28.43
Kentucky	152	128.9	30.93	251	105.7	25.63	1,250	104.4	23.25	118.8	27.19
Mississippi	-	-	-	-	-	-	-	-	-	162.9	38.54
Tennessee	140	120.4	29.35	568	107.4	26.17	9	122.1	28.50	120.1	27.78
West South Central	**-**	**-**	**-**	**300**	**84.0**	**8.53**	**-**	**-**	**-**	**120.5**	**20.03**
Arkansas	-	-	-	-	-	-	-	-	-	138.4	23.96
Louisiana	-	-	-	-	-	-	-	-	-	125.0	19.56
Oklahoma	-	-	-	-	-	-	-	-	-	97.2	16.88
Texas	-	-	-	300	84.0	8.53	-	-	-	126.5	20.37
Mountain	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**102.0**	**19.97**
Arizona	-	-	-	-	-	-	-	-	-	113.7	23.03
Colorado	-	-	-	-	-	-	-	-	-	93.7	18.16
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	61.1	10.36
Nevada	-	-	-	-	-	-	-	-	-	137.0	31.05
New Mexico	-	-	-	-	-	-	-	-	-	137.7	25.48
Utah	-	-	-	-	-	-	-	-	-	90.1	20.81
Wyoming	-	-	-	-	-	-	-	-	-	80.6	14.26
Pacific Contiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**132.2**	**23.03**
California	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	132.2	23.03
Washington	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	**1,985**	**131.0**	**31.50**	**3,394**	**119.3**	**27.03**	**3,427**	**111.8**	**25.48**	**122.4**	**24.87**

[1] Monetary values are expressed in nominal terms.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 2002 are preliminary. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data. • See footnotes 3 through 6 of Table 57 for information concerning delivered cost of coal to Alabama, Florida, Kentucky, and Tennessee.

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

Table 37. Electric Utility Receipts of Petroleum by Type, Census Division, and State, October 2002

Census Division and State	No. 2 Fuel Oil		No. 4 Fuel Oil[1]		No. 5 Fuel Oil[1]		No. 6 Fuel Oil		Total	
	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)
New England	**4**	**25**	**-**	**-**	**-**	**-**	**223**	**1,426**	**227**	**1,451**
Connecticut	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-
Massachusetts	*	2	-	-	-	-	-	-	*	2
New Hampshire	4	23	-	-	-	-	223	1,426	227	1,449
Rhode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**-**	**2**	**-**	**-**	**-**	**-**	**1,078**	**6,878**	**1,078**	**6,880**
New Jersey	*	2	-	-	-	-	-	-	*	2
New York	-	-	-	-	-	-	1,078	6,878	1,078	6,878
Pennsylvania	*	0	-	-	-	-	-	-	*	0
East North Central	**75**	**434**	**-**	**-**	**-**	**-**	**30**	**191**	**105**	**626**
Illinois	1	8	-	-	-	-	-	-	1	8
Indiana	15	89	-	-	-	-	-	-	15	89
Michigan	20	118	-	-	-	-	30	191	50	309
Ohio	32	189	-	-	-	-	-	-	32	189
Wisconsin	5	31	-	-	-	-	-	-	5	31
West North Central	**9**	**54**	**-**	**-**	**-**	**-**	**51**	**341**	**60**	**395**
Iowa	2	14	-	-	-	-	-	-	2	14
Kansas	-	-	-	-	-	-	51	341	51	341
Minnesota	*	1	-	-	-	-	-	-	*	1
Missouri	3	19	-	-	-	-	-	-	3	19
Nebraska	*	2	-	-	-	-	-	-	*	2
North Dakota	3	18	-	-	-	-	-	-	3	18
South Dakota	-	-	-	-	-	-	-	-	-	-
South Atlantic	**82**	**476**	**5**	**31**	**-**	**-**	**4,908**	**31,620**	**5,120**	**32,820**
Delaware	1	6	-	-	-	-	39	246	40	252
District of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	24	142	5	31	-	-	4,810	31,001	4,965	31,867
Georgia	5	28	-	-	-	-	-	-	5	28
Maryland	-	-	-	-	-	-	-	-	-	-
North Carolina	15	86	-	-	-	-	-	-	15	86
South Carolina	14	79	-	-	-	-	-	-	14	79
Virginia	1	3	-	-	-	-	58	373	59	377
West Virginia	23	132	-	-	-	-	-	-	23	132
East South Central	**40**	**232**	**-**	**-**	**-**	**-**	**9**	**61**	**49**	**293**
Alabama	6	37	-	-	-	-	-	-	6	37
Kentucky	16	91	-	-	-	-	-	-	16	91
Mississippi	1	8	-	-	-	-	9	61	11	70
Tennessee	16	96	-	-	-	-	-	-	16	96
West South Central	**42**	**254**	**-**	**-**	**-**	**-**	**13**	**88**	**56**	**342**
Arkansas	5	31	-	-	-	-	-	-	5	31
Louisiana	32	194	-	-	-	-	13	88	45	282
Oklahoma	-	-	-	-	-	-	-	-	-	-
Texas	5	29	-	-	-	-	-	-	5	29
Mountain	**92**	**538**	**-**	**-**	**-**	**-**	**-**	**-**	**92**	**538**
Arizona	10	59	-	-	-	-	-	-	10	59
Colorado	2	14	-	-	-	-	-	-	2	14
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	5	32	-	-	-	-	-	-	5	32
Nevada	54	317	-	-	-	-	-	-	54	317
New Mexico	6	35	-	-	-	-	-	-	6	35
Utah	3	18	-	-	-	-	-	-	3	18
Wyoming	11	64	-	-	-	-	-	-	11	64
Pacific Contiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-
U.S. Total	**344**	**2,015**	**5**	**31**	**-**	**-**	**6,313**	**40,605**	**6,787**	**43,344**

[1] Blend of No. 2 Fuel Oil and No. 6 Fuel Oil.

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Total may not equal sum of components because of independent rounding. • Total may include small quantities of jet fuel or kerosene. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 2002 are preliminary. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

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

Table 38. Receipts and Average Cost of Petroleum Delivered to Electric Utilities by Census Division and State

Census Division and State	October 2002 Receipts		October 2001 Receipts		Year to Date			
					Receipts (billion Btu)		Average Cost (cents/million Btu)[1]	
	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	2002	2001	2002	2001
New England	**227**	**1,451**	**2**	**10**	**4,126**	**5,475**	**372.1**	**369.0**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	*	2	-	-	78	993	450.3	495.1
New Hampshire	227	1,449	2	10	4,047	4,482	370.6	341.1
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	**1,079**	**6,880**	**773**	**5,002**	**56,283**	**89,114**	**341.6**	**362.7**
New Jersey	*	2	2	11	2,272	346	429.1	473.2
New York	1,078	6,878	771	4,991	54,003	84,763	337.9	361.8
Pennsylvania	*	*	-	-	8	4,006	516.6	372.9
East North Central	**105**	**626**	**206**	**1,263**	**9,301**	**18,820**	**368.1**	**494.6**
Illinois	1	8	6	33	417	1,057	439.4	585.3
Indiana	15	89	28	160	815	1,484	521.7	593.0
Michigan	50	309	121	770	6,556	12,713	308.4	440.6
Ohio	32	189	44	257	1,180	2,944	516.9	613.5
Wisconsin	5	31	8	44	333	623	552.1	647.6
West North Central	**60**	**395**	**81**	**523**	**5,524**	**10,492**	**332.7**	**409.1**
Iowa	2	14	2	12	429	789	525.1	638.6
Kansas	51	341	72	470	4,202	8,526	270.0	354.3
Minnesota	*	1	1	7	139	221	508.2	681.9
Missouri	3	19	3	17	483	664	533.8	637.5
Nebraska	*	2	1	4	41	56	531.2	613.9
North Dakota	3	18	2	13	230	235	556.0	675.0
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	**5,120**	**32,820**	**3,691**	**23,605**	**252,197**	**377,798**	**366.4**	**375.9**
Delaware	40	252	21	132	1,823	2,826	383.4	388.4
District of Columbia	-	-	-	-	-	-	-	-
Florida	4,965	31,867	3,465	22,216	223,532	330,607	363.3	370.1
Georgia	5	28	9	52	928	1,733	537.2	689.9
Maryland	-	-	-	-	-	-	-	-
North Carolina	15	86	12	70	1,483	2,182	490.6	610.1
South Carolina	14	79	14	78	439	691	524.3	606.7
Virginia	59	377	144	907	22,743	37,898	366.0	377.8
West Virginia	23	132	26	149	1,249	1,861	566.1	689.1
East South Central	**49**	**293**	**28**	**161**	**2,156**	**56,608**	**507.6**	**383.3**
Alabama	6	37	8	48	404	446	499.6	579.5
Kentucky	16	91	9	53	782	705	530.5	600.4
Mississippi	11	70	1	5	173	55,051	433.8	377.4
Tennessee	16	96	9	55	797	407	505.1	598.9
West South Central	**56**	**342**	**16**	**98**	**895**	**27,325**	**492.1**	**608.8**
Arkansas	5	31	9	52	316	424	549.7	635.0
Louisiana	45	282	*	*	389	13,578	471.9	545.9
Oklahoma	-	-	-	-	60	1,426	477.9	633.0
Texas	5	29	7	46	130	11,897	419.1	676.7
Mountain	**92**	**538**	**22**	**128**	**1,823**	**3,601**	**597.6**	**794.7**
Arizona	10	59	*	1	267	2,719	673.5	821.6
Colorado	2	14	2	12	58	207	658.7	734.0
Idaho	-	-	-	-	-	-	-	-
Montana	5	32	-	-	266	-	567.4	-
Nevada	54	317	-	-	453	41	642.7	626.2
New Mexico	6	35	8	46	172	91	623.4	713.7
Utah	3	18	3	19	184	227	533.3	668.3
Wyoming	11	64	8	50	422	315	529.5	738.2
Pacific Contiguous	**-**	**-**	**20**	**118**	**92**	**4,627**	**573.1**	**617.8**
California	-	-	-	-	4	2,734	591.7	600.9
Oregon	-	-	20	118	88	1,893	572.3	642.3
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**59,525**	**-**	**497.8**
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	59,525	-	497.8
U.S. Total	**6,787**	**43,344**	**4,838**	**30,909**	**332,396**	**653,385**	**364.3**	**403.5**

[1] Monetary values are expressed in nominal terms.

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Data for 2002 and 2001 are preliminary. • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • The October 2002 petroleum coke receipts were 338,320 short tons and the cost was 53.0 cents per million Btu. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

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

Table 39. Receipts and Average Cost of Petroleum Delivered to Electric Utilities by Type of Purchase, Census Division, and State, October 2002

Census Division and State	Fuel Oil No. 6 by Type of Purchase						Averaged Cost of Fuel Oils[1]					
	Contract			Spot			No. 2		No. 4-No. 5		No. 6	
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		(cents/ 10^6 Btu)	($/ bbl)	(cents/ 10^6 Btu)	($/ bbl)	(cents/ 10^6 Btu)	($/ bbl)
	(1,000 bbl)	(cents/ 10^6 Btu)	($/ bbl)	(1,000 bbl)	(cents/ 10^6 Btu)	($/ bbl)						
New England	**-**	**-**	**-**	**223**	**372.9**	**23.89**	**591.3**	**34.22**	**-**	**-**	**372.9**	**23.89**
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	613.6	35.51	-	-	-	-
New Hampshire	-	-	-	223	372.9	23.89	589.4	34.11	-	-	372.9	23.89
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**661**	**415.4**	**26.70**	**417**	**279.1**	**17.57**	**310.0**	**18.00**	**-**	**-**	**363.3**	**23.17**
New Jersey	-	-	-	-	-	-	268.0	15.53	-	-	-	-
New York	661	415.4	26.70	417	279.1	17.57	-	-	-	-	363.3	23.17
Pennsylvania	-	-	-	-	-	-	661.9	39.20	-	-	-	-
East North Central	**-**	**-**	**-**	**30**	**332.5**	**21.20**	**646.6**	**37.60**	**-**	**-**	**332.5**	**21.20**
Illinois	-	-	-	-	-	-	686.9	39.39	-	-	-	-
Indiana	-	-	-	-	-	-	647.3	37.38	-	-	-	-
Michigan	-	-	-	30	332.5	21.20	656.3	38.16	-	-	332.5	21.20
Ohio	-	-	-	-	-	-	633.8	36.93	-	-	-	-
Wisconsin	-	-	-	-	-	-	676.0	39.75	-	-	-	-
West North Central	**-**	**-**	**-**	**51**	**299.5**	**20.00**	**651.0**	**37.65**	**-**	**-**	**299.5**	**20.00**
Iowa	-	-	-	-	-	-	644.4	36.94	-	-	-	-
Kansas	-	-	-	51	299.5	20.00	-	-	-	-	299.5	20.00
Minnesota	-	-	-	-	-	-	729.6	41.98	-	-	-	-
Missouri	-	-	-	-	-	-	643.6	37.08	-	-	-	-
Nebraska	-	-	-	-	-	-	679.8	39.44	-	-	-	-
North Dakota	-	-	-	-	-	-	655.9	38.36	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	**2,635**	**408.4**	**26.51**	**2,273**	**442.6**	**28.26**	**623.6**	**36.28**	**583.8**	**35.85**	**424.1**	**27.32**
Delaware	-	-	-	39	466.0	29.37	637.1	36.64	-	-	466.0	29.37
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	2,635	408.4	26.51	2,175	442.9	28.29	614.4	35.72	583.8	35.85	423.9	27.32
Georgia	-	-	-	-	-	-	610.2	35.49	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	590.5	34.34	-	-	-	-
South Carolina	-	-	-	-	-	-	625.0	36.23	-	-	-	-
Virginia	-	-	-	58	414.7	26.48	510.5	29.98	-	-	414.7	26.48
West Virginia	-	-	-	-	-	-	659.5	38.50	-	-	-	-
East South Central	**-**	**-**	**-**	**9**	**255.9**	**16.87**	**614.1**	**35.96**	**-**	**-**	**255.9**	**16.87**
Alabama	-	-	-	-	-	-	607.4	35.04	-	-	-	-
Kentucky	-	-	-	-	-	-	623.6	36.57	-	-	-	-
Mississippi	-	-	-	9	255.9	16.87	600.7	35.45	-	-	255.9	16.87
Tennessee	-	-	-	-	-	-	608.9	35.78	-	-	-	-
West South Central	**-**	**-**	**-**	**13**	**203.2**	**13.27**	**563.2**	**34.02**	**-**	**-**	**203.2**	**13.27**
Arkansas	-	-	-	-	-	-	547.0	32.32	-	-	-	-
Louisiana	-	-	-	13	203.2	13.27	558.3	33.99	-	-	203.2	13.27
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	612.7	36.01	-	-	-	-
Mountain	**-**	**-**	**-**	**-**	**-**	**-**	**702.2**	**41.01**	**-**	**-**	**-**	**-**
Arizona	-	-	-	-	-	-	753.8	44.05	-	-	-	-
Colorado	-	-	-	-	-	-	670.0	38.92	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	689.4	40.82	-	-	-	-
Nevada	-	-	-	-	-	-	687.8	40.19	-	-	-	-
New Mexico	-	-	-	-	-	-	786.9	44.95	-	-	-	-
Utah	-	-	-	-	-	-	681.9	40.10	-	-	-	-
Wyoming	-	-	-	-	-	-	699.5	40.89	-	-	-	-
Pacific Contiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	**3,296**	**409.8**	**26.55**	**3,017**	**409.8**	**26.15**	**640.8**	**37.51**	**583.8**	**35.85**	**409.8**	**26.36**

[1] Monetary values are expressed in nominal terms.

Notes: • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 2002 are preliminary. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

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

Table 40. Receipts and Average Cost of Heavy Oil Delivered to Electric Utilities by Sulfur Content, Census Division, and State, October 2002

Census Division and State	0.3% or Less			More than 0.3% up to 0.5%			More than 0.5% up to 1.0%		
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]	
	(1,000 bbl)	(cents/ 10^6 Btu)	($/ bbl)	(1,000 bbl)	(cents/ 10^6 Btu)	($/ bbl)	(1,000 bbl)	(cents/ 10^6 Btu)	($/ bbl)
New England	-	-	-	-	-	-	-	-	-
Connecticut	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	**455**	**295.8**	**18.64**	**-**	**-**	**-**	**623**	**411.6**	**26.48**
New Jersey	-	-	-	-	-	-	-	-	-
New York	455	295.8	18.64	-	-	-	623	411.6	26.48
Pennsylvania	-	-	-	-	-	-	-	-	-
East North Central	**7**	**277.0**	**16.38**	**-**	**-**	**-**	**-**	**-**	**-**
Illinois	-	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-	-
Michigan	7	277.0	16.38	-	-	-	-	-	-
Ohio	-	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-
West North Central	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Iowa	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-
Minnesota	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-
South Atlantic	**11**	**423.1**	**26.72**	**-**	**-**	**-**	**3,721**	**428.5**	**27.40**
Delaware	-	-	-	-	-	-	39	466.0	29.37
District of Columbia	-	-	-	-	-	-	-	-	-
Florida	11	423.1	26.72	-	-	-	3,623	428.3	27.40
Georgia	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	58	414.7	26.48
West Virginia	-	-	-	-	-	-	-	-	-
East South Central	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alabama	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-	-
West South Central	**-**	**-**	**-**	**7**	**203.4**	**13.31**	**-**	**-**	**-**
Arkansas	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	7	203.4	13.31	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-
Mountain	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Arizona	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-
Pacific Contiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-
U.S. Total	**473**	**298.4**	**18.79**	**7**	**203.4**	**13.31**	**4,344**	**426.1**	**27.27**

[1] Monetary values are expressed in nominal terms.

Notes: • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Fuel Oil No.2 has been omitted from this table. • Oil and petroleum are used interchangeably in this report. • Data for 2002 are preliminary. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

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

Table 40. Receipts and Average Cost of Heavy Oil Delivered to Electric Utilities by Sulfur Content, Census Division, and State, October 2002 (Continued)

Census Division and State	More than 1.0% up to 2.0%			More than 2.0% up to 3.0%			More than 3.0%			All Purchases	
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]			
	(1,000 bbls)	(cents/ 10^6 Btu)	($/ bbl)	(1,000 bbls)	(cents/ 10^6 Btu)	($/ bbl)	(1,000 bbls)	(cents/ 10^6 Btu)	($/ bbl)	(cents/ 10^6 Btu)	($/ bbl)
New England	**223**	**372.9**	**23.89**	**-**	**-**	**-**	**-**	**-**	**-**	**372.9**	**23.89**
Connecticut	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	223	372.9	23.89	-	-	-	-	-	-	372.9	23.89
Rhode Island	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**363.3**	**23.17**
New Jersey	-	-	-	-	-	-	-	-	-	-	-
New York	-	-	-	-	-	-	-	-	-	363.3	23.17
Pennsylvania	-	-	-	-	-	-	-	-	-	-	-
East North Central	**23**	**347.0**	**22.59**	**-**	**-**	**-**	**-**	**-**	**-**	**332.5**	**21.20**
Illinois	-	-	-	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-	-	-	-
Michigan	23	347.0	22.59	-	-	-	-	-	-	332.5	21.20
Ohio	-	-	-	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-	-	-
West North Central	**51**	**299.5**	**20.00**	**-**	**-**	**-**	**-**	**-**	**-**	**299.5**	**20.00**
Iowa	-	-	-	-	-	-	-	-	-	-	-
Kansas	51	299.5	20.00	-	-	-	-	-	-	299.5	20.00
Minnesota	-	-	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	**1,066**	**415.8**	**27.41**	**116**	**369.7**	**24.33**	**-**	**-**	**-**	**424.3**	**27.33**
Delaware	-	-	-	-	-	-	-	-	-	466.0	29.37
District of Columbia	-	-	-	-	-	-	-	-	-	-	-
Florida	1,066	415.8	27.41	116	369.7	24.33	-	-	-	424.0	27.33
Georgia	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	-	-	-	414.7	26.48
West Virginia	-	-	-	-	-	-	-	-	-	-	-
East South Central	**-**	**-**	**-**	**9**	**255.9**	**16.87**	**-**	**-**	**-**	**255.9**	**16.87**
Alabama	-	-	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	9	255.9	16.87	-	-	-	255.9	16.87
Tennessee	-	-	-	-	-	-	-	-	-	-	-
West South Central	**7**	**203.0**	**13.22**	**-**	**-**	**-**	**-**	**-**	**-**	**203.2**	**13.27**
Arkansas	-	-	-	-	-	-	-	-	-	-	-
Louisiana	7	203.0	13.22	-	-	-	-	-	-	203.2	13.27
Oklahoma	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-	-	-
Mountain	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Arizona	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-
Pacific Contiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	**1,370**	**402.4**	**26.41**	**125**	**361.2**	**23.77**	**-**	**-**	**-**	**409.9**	**26.37**

[1] Monetary values are expressed in nominal terms.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Fuel Oil No. 2 has been omitted from this table. • Oil and petroleum are used interchangeably in this report. • Data for 2002 are preliminary. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

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

Table 41. Electric Utility Receipts of Gas by Type, Census Division, and State, October 2002

Census Division and State	Natural		Blast-Furnace[1]		Refinery		Total	
	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)
New England	**449**	**466**	**-**	**-**	**-**	**-**	**449**	**466**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	265	272	-	-	-	-	265	272
New Hampshire	180	189	-	-	-	-	180	189
Rhode Island	-	-	-	-	-	-	-	-
Vermont	4	4	-	-	-	-	4	4
Middle Atlantic	**6,102**	**6,224**	**-**	**-**	**-**	**-**	**6,102**	**6,224**
New Jersey	-	-	-	-	-	-	-	-
New York	6,102	6,224	-	-	-	-	6,102	6,224
Pennsylvania	-	-	-	-	-	-	-	-
East North Central	**874**	**882**	**374**	**314**	**-**	**-**	**1,247**	**1,196**
Illinois	19	19	-	-	-	-	19	19
Indiana	23	23	-	-	-	-	23	23
Michigan	650	656	374	314	-	-	1,023	970
Ohio	18	18	-	-	-	-	18	18
Wisconsin	165	166	-	-	-	-	165	166
West North Central	**1,398**	**1,399**	**-**	**-**	**-**	**-**	**1,398**	**1,399**
Iowa	286	286	-	-	-	-	286	286
Kansas	494	491	-	-	-	-	494	491
Minnesota	190	191	-	-	-	-	190	191
Missouri	178	180	-	-	-	-	178	180
Nebraska	250	250	-	-	-	-	250	250
North Dakota	*	*	-	-	-	-	*	*
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	**35,306**	**36,574**	**-**	**-**	**27**	**27**	**35,333**	**36,602**
Delaware	11	11	-	-	-	-	11	11
District of Columbia	-	-	-	-	-	-	-	-
Florida	34,503	35,748	-	-	-	-	34,503	35,748
Georgia	26	27	-	-	-	-	26	27
Maryland	-	-	-	-	-	-	-	-
North Carolina	87	90	-	-	-	-	87	90
South Carolina	6	6	-	-	-	-	6	6
Virginia	660	679	-	-	27	27	687	707
West Virginia	13	13	-	-	-	-	13	13
East South Central	**10,878**	**11,324**	**-**	**-**	**-**	**-**	**10,878**	**11,324**
Alabama	4,898	5,119	-	-	-	-	4,898	5,119
Kentucky	62	64	-	-	-	-	62	64
Mississippi	5,918	6,141	-	-	-	-	5,918	6,141
Tennessee	-	-	-	-	-	-	-	-
West South Central	**52,634**	**54,196**	**-**	**-**	**-**	**-**	**52,634**	**54,196**
Arkansas	1,450	1,475	-	-	-	-	1,450	1,475
Louisiana	18,474	19,190	-	-	-	-	18,474	19,190
Oklahoma	10,125	10,415	-	-	-	-	10,125	10,415
Texas	22,585	23,116	-	-	-	-	22,585	23,116
Mountain	**17,168**	**17,406**	**-**	**-**	**-**	**-**	**17,168**	**17,406**
Arizona	5,734	5,822	-	-	-	-	5,734	5,822
Colorado	3,762	3,702	-	-	-	-	3,762	3,702
Idaho	-	-	-	-	-	-	-	-
Montana	1	1	-	-	-	-	1	1
Nevada	4,810	4,957	-	-	-	-	4,810	4,957
New Mexico	2,180	2,207	-	-	-	-	2,180	2,207
Utah	660	695	-	-	-	-	660	695
Wyoming	22	23	-	-	-	-	22	23
Pacific Contiguous	**8,240**	**8,328**	**-**	**-**	**-**	**-**	**8,240**	**8,328**
California	7,204	7,271	-	-	-	-	7,204	7,271
Oregon	1,036	1,057	-	-	-	-	1,036	1,057
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**1,327**	**1,327**	**-**	**-**	**-**	**-**	**1,327**	**1,327**
Alaska	1,327	1,327	-	-	-	-	1,327	1,327
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**134,376**	**138,126**	**374**	**314**	**27**	**27**	**134,776**	**138,467**

[1] Includes coke oven gas.

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 2002 are preliminary. • Mcf=thousand cubic feet. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

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

Table 42. Receipts and Average Cost of Gas Delivered to Electric Utilities by Census Division and State

Census Division and State	October 2002 Receipts		October 2001 Receipts		Year to Date			
					Receipts (billion Btu)		Average Cost (cents/million Btu)[1]	
	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	2002	2001	2002	2001
New England	**449**	**466**	**1,160**	**1,209**	**4,422**	**5,149**	**375.2**	**341.9**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	265	272	868	894	3,500	4,518	378.7	351.1
New Hampshire	180	189	292	315	909	532	362.1	238.7
Rhode Island	-	-	-	-	-	-	-	-
Vermont	4	4	-	-	13	100	353.0	477.6
Middle Atlantic	**6,102**	**6,224**	**12,020**	**12,153**	**71,126**	**76,264**	**368.9**	**423.0**
New Jersey	-	-	105	105	-	105	-	302.5
New York	6,102	6,224	11,915	12,048	71,126	76,034	368.9	422.4
Pennsylvania	-	-	-	-	-	125	-	851.4
East North Central	**1,247**	**1,196**	**4,045**	**3,999**	**22,721**	**26,860**	**344.3**	**417.3**
Illinois	19	19	424	435	3,545	2,805	338.5	421.2
Indiana	23	23	89	90	415	1,370	369.2	515.9
Michigan	1,023	970	3,317	3,257	15,850	19,449	338.9	391.2
Ohio	18	18	10	10	202	400	494.5	830.1
Wisconsin	165	166	206	207	2,709	2,836	368.2	486.5
West North Central	**1,398**	**1,399**	**1,357**	**1,365**	**30,718**	**26,101**	**327.7**	**410.0**
Iowa	286	286	182	182	2,999	2,513	370.5	494.0
Kansas	494	491	507	511	13,674	16,599	302.3	365.2
Minnesota	190	191	60	60	2,574	1,305	378.4	543.5
Missouri	178	180	499	502	10,219	4,867	331.9	479.7
Nebraska	250	250	109	109	1,252	817	364.5	434.0
North Dakota	*	*	-	-	0	1	247.9	687.5
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	**35,333**	**36,602**	**32,903**	**33,922**	**345,463**	**232,619**	**394.0**	**476.6**
Delaware	11	11	26	26	256	205	351.8	440.7
District of Columbia	-	-	-	-	-	-	-	-
Florida	34,503	35,748	31,953	32,946	330,815	221,135	391.9	479.6
Georgia	26	27	30	31	292	1,257	315.1	327.6
Maryland	-	-	-	-	-	-	-	-
North Carolina	87	90	144	148	2,509	697	419.4	432.1
South Carolina	6	6	739	760	35	815	503.2	254.7
Virginia	687	707	-	-	11,395	8,380	452.1	439.9
West Virginia	13	13	12	12	161	131	407.6	747.0
East South Central	**10,878**	**11,324**	**14,854**	**15,279**	**160,294**	**73,685**	**325.2**	**391.4**
Alabama	4,898	5,119	4,502	4,643	60,600	12,294	327.5	524.9
Kentucky	62	64	40	41	722	236	412.7	510.4
Mississippi	5,918	6,141	10,312	10,595	98,972	61,156	323.1	364.1
Tennessee	-	-	-	-	-	-	-	-
West South Central	**52,634**	**54,196**	**74,005**	**75,681**	**603,742**	**1,213,645**	**335.9**	**434.6**
Arkansas	1,450	1,475	1,491	1,524	17,024	19,486	350.5	437.3
Louisiana	18,474	19,190	17,182	17,743	227,157	210,715	343.2	426.6
Oklahoma	10,125	10,415	3,974	4,122	143,882	133,447	338.1	463.8
Texas	22,585	23,116	51,358	52,293	215,678	849,997	325.5	432.0
Mountain	**17,168**	**17,406**	**13,333**	**13,557**	**144,979**	**180,514**	**375.3**	**536.0**
Arizona	5,734	5,822	3,414	3,479	38,297	59,704	310.4	479.2
Colorado	3,762	3,702	4,229	4,273	33,833	34,464	248.3	388.4
Idaho	-	-	-	-	-	-	-	-
Montana	1	1	*	*	14	10	424.3	698.0
Nevada	4,810	4,957	2,373	2,421	43,461	40,720	557.3	857.7
New Mexico	2,180	2,207	2,702	2,741	23,775	33,816	309.2	429.8
Utah	660	695	587	614	5,406	11,376	457.6	450.8
Wyoming	22	23	28	29	193	425	374.6	381.8
Pacific Contiguous	**8,240**	**8,328**	**10,683**	**10,874**	**79,593**	**121,188**	**383.7**	**765.0**
California	7,204	7,271	7,133	7,253	69,461	82,217	397.7	949.2
Oregon	1,036	1,057	3,550	3,621	10,132	38,971	287.7	376.4
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**1,327**	**1,327**	**1,328**	**1,328**	**15,441**	**14,135**	**236.0**	**230.2**
Alaska	1,327	1,327	1,328	1,328	15,441	14,135	236.0	230.2
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**134,776**	**138,467**	**165,688**	**169,366**	**1,478,501**	**1,970,161**	**355.4**	**464.8**

[1] Monetary values are expressed in nominal terms.

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Data for 2002 and 2001 are preliminary. • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Includes small quantities of coke-oven, refinery, and blast-furnace gas. • Mcf=thousand cubic feet. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

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

Table 43. Receipts and Average Cost of Gas Delivered to Electric Utilities by Type of Purchase, Census Division and State, October 2002

Census Division and State	Firm Gas			Interruptible Gas			Spot Gas			Total Gas		
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]	
	(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)	(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)	(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)	(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)
New England	**-**	**-**	**-**	**28**	**452.3**	**4.65**	**421**	**441.7**	**4.59**	**449**	**442.4**	**4.59**
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	28	452.3	4.65	237	458.7	4.72	265	458.0	4.71
New Hampshire	-	-	-	-	-	-	180	420.0	4.42	180	420.0	4.42
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	4	437.4	4.39	4	437.4	4.39
Middle Atlantic	**-**	**-**	**-**	**1,061**	**421.4**	**4.35**	**5,041**	**445.6**	**4.53**	**6,102**	**441.4**	**4.50**
New Jersey	-	-	-	-	-	-	-	-	-	-	-	-
New York	-	-	-	1,061	421.4	4.35	5,041	445.6	4.53	6,102	441.4	4.50
Pennsylvania	-	-	-	-	-	-	-	-	-	-	-	-
East North Central	**117**	**382.9**	**3.83**	**851**	**312.7**	**2.92**	**279**	**515.9**	**5.26**	**1,247**	**367.9**	**3.53**
Illinois	-	-	-	19	502.1	5.20	-	-	-	19	502.1	5.20
Indiana	-	-	-	23	479.4	4.81	-	-	-	23	479.4	4.81
Michigan	110	376.8	3.76	646	270.1	2.46	267	510.2	5.20	1,023	349.5	3.31
Ohio	7	479.0	4.90	-	-	-	11	655.6	6.71	18	587.3	6.01
Wisconsin	-	-	-	164	419.5	4.22	1	518.0	5.18	165	420.3	4.23
West North Central	**234**	**414.9**	**4.15**	**866**	**388.7**	**3.89**	**298**	**435.0**	**4.36**	**1,398**	**403.0**	**4.03**
Iowa	29	422.7	4.25	51	485.1	4.87	206	447.5	4.47	286	451.6	4.52
Kansas	-	-	-	462	334.7	3.32	32	414.6	4.15	494	339.9	3.38
Minnesota	-	-	-	173	458.9	4.61	17	359.8	3.60	190	450.0	4.52
Missouri	-	-	-	134	448.9	4.56	44	421.2	4.24	178	442.2	4.48
Nebraska	205	413.8	4.14	46	376.9	3.77	-	-	-	250	407.1	4.07
North Dakota	-	-	-	0	202.5	2.07	-	-	-	0	202.5	2.07
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	**30,558**	**469.6**	**4.87**	**2,304**	**456.6**	**4.76**	**2,471**	**493.8**	**5.00**	**35,333**	**470.4**	**4.87**
Delaware	11	474.9	4.90	-	-	-	-	-	-	11	474.9	4.90
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	30,547	469.6	4.87	2,172	454.6	4.74	1,783	451.8	4.54	34,503	467.7	4.85
Georgia	-	-	-	26	180.5	1.85	-	-	-	26	180.5	1.85
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	87	575.1	5.95	-	-	-	87	575.1	5.95
South Carolina	-	-	-	6	586.2	6.03	-	-	-	6	586.2	6.03
Virginia	-	-	-	-	-	-	687	600.4	6.17	687	600.4	6.17
West Virginia	-	-	-	13	483.8	4.84	-	-	-	13	483.8	4.84
East South Central	**1,041**	**373.3**	**3.87**	**4,203**	**422.1**	**4.42**	**5,634**	**407.5**	**4.23**	**10,878**	**409.9**	**4.27**
Alabama	682	377.0	3.91	4,203	422.1	4.42	13	435.0	4.51	4,898	416.0	4.35
Kentucky	-	-	-	-	-	-	62	479.1	4.91	62	479.1	4.91
Mississippi	359	366.4	3.79	-	-	-	5,559	406.6	4.22	5,918	404.2	4.19
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
West South Central	**5,394**	**417.9**	**4.33**	**2,828**	**370.5**	**3.78**	**44,411**	**408.3**	**4.20**	**52,634**	**407.3**	**4.19**
Arkansas	-	-	-	-	-	-	1,450	420.2	4.28	1,450	420.2	4.28
Louisiana	261	386.5	4.06	1,870	409.2	4.18	16,342	435.4	4.53	18,474	432.1	4.49
Oklahoma	4,309	438.4	4.55	14	375.1	3.75	5,802	405.3	4.14	10,125	419.5	4.31
Texas	824	320.5	3.31	943	293.5	2.99	20,818	386.7	3.96	22,585	380.4	3.89
Mountain	**5,992**	**320.2**	**3.20**	**4,362**	**294.7**	**2.99**	**6,814**	**443.4**	**4.56**	**17,168**	**363.3**	**3.68**
Arizona	1,066	345.6	3.51	3,230	303.0	3.07	1,437	475.0	4.85	5,734	354.2	3.60
Colorado	3,649	252.1	2.48	112	215.7	2.14	-	-	-	3,762	251.0	2.47
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	1	344.7	3.84	-	-	-	1	344.7	3.84
Nevada	1,162	495.4	5.08	-	-	-	3,647	466.7	4.82	4,810	473.6	4.88
New Mexico	92	435.6	4.40	1,019	276.9	2.81	1,069	423.8	4.27	2,180	355.4	3.60
Utah	-	-	-	-	-	-	660	281.2	2.96	660	281.2	2.96
Wyoming	22	211.6	2.21	-	-	-	-	-	-	22	211.6	2.21
Pacific Contiguous	**2,323**	**434.6**	**4.35**	**92**	**371.1**	**3.80**	**5,825**	**321.6**	**3.26**	**8,240**	**353.7**	**3.57**
California	2,323	434.6	4.35	92	371.1	3.80	4,789	331.9	3.36	7,204	365.2	3.69
Oregon	-	-	-	-	-	-	1,036	274.1	2.80	1,036	274.1	2.80
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**1,327**	**202.4**	**2.02**	**-**	**-**	**-**	**-**	**-**	**-**	**1,327**	**202.4**	**2.02**
Alaska	1,327	202.4	2.02	-	-	-	-	-	-	1,327	202.4	2.02
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	**46,986**	**433.5**	**4.46**	**16,595**	**378.0**	**3.87**	**71,194**	**410.9**	**4.22**	**134,776**	**414.7**	**4.26**

[1] Monetary values are expressed in nominal terms.

Notes: • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Data for 2002 are preliminary. • Mcf=thousand cubic feet. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

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

U.S. Electric Utility Sales, Revenue, and Average Revenue per Kilowatthour

Table 44. U.S. Electric Utility Retail Sales of Electricity by Sector, 1990 Through November 2002
(Million Kilowatthours)

Period	Residential	Commercial	Industrial	Other[1]	All Sectors
1990	**924,019**	**751,027**	**945,522**	**91,988**	**2,712,555**
1991	**955,417**	**765,664**	**946,583**	**94,339**	**2,762,003**
1992	**935,939**	**761,271**	**972,714**	**93,442**	**2,763,365**
1993	**994,781**	**794,573**	**977,164**	**94,944**	**2,861,462**
1994	**1,008,482**	**820,269**	**1,007,981**	**97,830**	**2,934,563**
1995	**1,042,501**	**862,685**	**1,012,693**	**95,407**	**3,013,287**
1996	**1,082,512**	**887,446**	**1,033,631**	**97,539**	**3,101,127**
1997	**1,075,881**	**928,633**	**1,038,196**	**102,901**	**3,145,611**
1998	**1,130,109**	**979,401**	**1,051,203**	**103,518**	**3,264,230**
1999	**1,144,923**	**1,001,996**	**1,058,217**	**106,952**	**3,312,088**
2000					
January	109,492	83,414	85,988	8,869	287,764
February	98,446	80,425	84,611	8,613	272,095
March	84,645	81,012	88,299	8,462	262,418
April	76,228	78,377	86,439	8,131	249,175
May	83,366	86,362	90,562	8,972	269,263
June	103,976	94,258	92,185	9,345	299,765
July	119,475	98,459	89,895	9,737	317,566
August	123,769	102,422	94,327	10,214	330,733
September	108,546	94,453	90,599	10,094	303,693
October	86,832	87,326	89,418	9,260	272,835
November	84,516	83,019	87,687	8,899	264,121
December	113,153	85,704	84,230	8,900	291,988
Total	**1,192,446**	**1,055,232**	**1,064,239**	**109,496**	**3,421,414**
2001					
January	128,287	91,062	82,730	9,400	311,479
February	100,887	81,761	81,807	8,856	273,310
March	93,439	84,157	83,027	8,952	269,575
April	82,823	81,230	82,295	8,742	255,090
May	81,427	87,623	85,298	9,268	263,616
June	98,553	95,790	85,174	10,332	289,849
July	119,654	102,474	83,267	10,619	316,014
August	128,295	105,832	86,868	11,305	332,300
September	105,240	96,899	82,614	11,203	295,956
October	85,090	89,479	83,064	9,906	267,539
November	81,077	83,224	80,182	9,129	253,611
December	96,222	85,505	77,756	8,939	268,423
Total	**1,200,992**	**1,085,036**	**994,083**	**116,652**	**3,396,764**
2002					
January	117,512	88,319	76,633	8,927	291,391
February	97,486	82,365	74,610	8,262	262,723
March	97,003	85,101	76,253	8,396	266,753
April	87,644	86,382	78,917	8,510	261,453
May	87,897	92,599	82,036	8,593	271,125
June	104,856	100,494	82,239	9,433	297,022
July	133,306	109,537	85,938	10,203	338,984
August	133,997	108,279	87,756	10,346	340,378
September	115,071	100,225	85,268	10,404	310,968
October	94,277	95,466	84,832	9,477	284,052
November	88,903	85,425	79,983	8,428	262,738
Total	**1,157,952**	**1,034,190**	**894,466**	**100,978**	**3,187,586**
Year to Date					
2002	**1,157,952**	**1,034,190**	**894,466**	**100,978**	**3,187,586**
2001	**1,104,771**	**999,531**	**916,327**	**107,712**	**3,128,341**
2000	**1,079,293**	**969,528**	**980,009**	**100,596**	**3,129,426**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

Notes: • Sales values for 1996-2001 include energy service provider (power marketer) data. Values for 2000 have been adjusted to reflect the Form EIA-861 annual total. See technical notes for methodology. • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • 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: • 2001-2002; Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions." • 1990-2000: Form EIA-861,"Annual Electric Utility Report."

Table 45. Estimated U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, November 2002 and 2001

(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001
New England	**3,471**	**3,176**	**3,955**	**3,796**	**1,962**	**2,097**	**139**	**136**	**9,527**	**9,205**
Connecticut	998	902	959	950	443	438	50	49	2,450	2,338
Maine	340	313	302	308	278	396	5	5	924	1,022
Massachusetts	1,432	1,314	1,957	1,846	803	819	61	61	4,253	4,040
New Hampshire	314	291	310	285	185	204	11	12	819	791
Rhode Island	217	196	267	251	118	109	9	6	611	562
Vermont	171	160	160	157	135	131	4	4	470	452
Mid Atlantic	**9,083**	**8,338**	**11,014**	**10,495**	**6,736**	**7,008**	**1,266**	**1,289**	**28,099**	**27,131**
New Jersey	1,857	1,715	2,800	2,674	887	994	47	47	5,592	5,431
New York	3,523	3,242	4,827	4,592	2,100	2,154	1,141	1,127	11,592	11,114
Pennsylvania	3,703	3,381	3,388	3,230	3,748	3,860	77	116	10,916	10,586
East North Central	**13,211**	**11,619**	**12,297**	**12,075**	**17,105**	**16,425**	**1,323**	**1,372**	**43,937**	**41,491**
Illinois	3,115	2,497	3,436	3,469	3,113	3,223	796	865	10,460	10,054
Indiana	2,286	1,982	1,560	1,477	3,973	3,712	57	58	7,876	7,229
Michigan	2,485	2,290	2,857	2,809	3,158	2,793	78	76	8,579	7,969
Ohio	3,594	3,336	2,998	2,908	4,849	4,613	326	313	11,767	11,170
Wisconsin	1,731	1,514	1,446	1,411	2,012	2,084	65	60	5,255	5,069
West North Central	**6,801**	**6,055**	**6,376**	**6,215**	**6,158**	**6,285**	**484**	**524**	**19,819**	**19,080**
Iowa	994	1,021	705	721	1,328	1,409	121	149	3,148	3,300
Kansas	813	697	985	970	816	852	NM	47	2,662	2,565
Minnesota	1,617	1,428	1,511	1,474	1,760	1,747	59	57	4,946	4,706
Missouri	2,086	1,811	2,070	1,965	1,274	1,311	97	99	5,527	5,186
Nebraska	658	560	572	572	620	621	NM	111	1,948	1,863
North Dakota	330	273	291	284	NM	207	NM	31	876	795
South Dakota	303	265	242	229	137	139	NM	31	711	664
South Atlantic	**22,297**	**19,781**	**18,719**	**18,877**	**14,026**	**12,610**	**1,754**	**1,760**	**56,796**	**53,027**
Delaware	274	249	282	270	323	324	5	5	884	847
District of Columbia	120	122	639	623	25	18	30	29	814	792
Florida	8,319	7,004	6,445	5,997	1,546	1,491	517	460	16,827	14,952
Georgia	3,098	2,782	2,983	2,995	2,751	2,522	139	132	8,971	8,432
Maryland [2]	1,863	1,656	1,198	2,003	1,691	835	70	83	4,821	4,577
North Carolina	3,228	3,091	2,954	2,920	2,568	2,522	177	170	8,927	8,702
South Carolina	1,686	1,594	1,361	1,331	2,630	2,470	74	69	5,751	5,464
Virginia	2,934	2,583	2,330	2,226	1,589	1,539	735	805	7,588	7,153
West Virginia	777	700	526	512	903	889	7	7	2,213	2,108
East South Central	**6,997**	**6,688**	**5,423**	**5,274**	**10,422**	**10,230**	**476**	**458**	**23,317**	**22,650**
Alabama	1,772	1,714	1,449	1,408	2,894	2,698	58	55	6,173	5,875
Kentucky	1,692	1,563	1,109	1,031	3,746	3,610	262	247	6,809	6,452
Mississippi	1,110	1,007	902	840	1,265	1,295	66	64	3,343	3,206
Tennessee	2,423	2,404	1,962	1,994	2,517	2,627	90	92	6,993	7,117
West South Central	**11,412**	**10,298**	**9,540**	**9,611**	**12,708**	**12,943**	**1,444**	**1,663**	**35,104**	**34,514**
Arkansas	968	844	683	649	1,435	1,383	55	50	3,142	2,926
Louisiana	1,766	1,605	1,423	1,379	2,382	2,430	225	212	5,796	5,626
Oklahoma	1,253	1,086	933	1,052	1,075	1,346	303	265	3,564	3,748
Texas	7,425	6,762	6,501	6,531	7,815	7,784	861	1,136	22,602	22,214
Mountain	**5,351**	**5,030**	**6,033**	**5,783**	**4,988**	**5,275**	**NM**	**677**	**16,993**	**16,765**
Arizona	1,522	1,596	1,723	1,727	844	930	NM	254	4,324	4,507
Colorado	1,228	1,076	1,512	1,442	871	857	NM	99	3,705	3,474
Idaho	619	584	459	428	484	545	NM	23	1,586	1,580
Montana	340	304	307	300	290	263	NM	19	955	887
Nevada	525	474	NM	490	862	978	NM	48	2,023	1,989
New Mexico	387	353	526	543	436	431	NM	146	1,481	1,473
Utah	543	473	662	620	567	596	67	73	1,840	1,762
Wyoming	187	171	248	233	635	675	NM	14	1,079	1,093
Pacific Contiguous	**9,883**	**9,695**	**NM**	**10,651**	**5,492**	**6,917**	**NM**	**1,227**	**27,889**	**28,490**
California [3]	5,800	5,726	NM	7,662	3,467	4,859	NM	909	18,300	19,156
Oregon	1,438	1,443	1,167	1,165	835	941	37	33	3,476	3,582
Washington	2,645	2,526	1,964	1,824	NM	1,117	313	285	6,112	5,753
Pacific Noncontiguous	**396**	**398**	**449**	**446**	**387**	**393**	**NM**	**22**	**1,258**	**1,259**
Alaska	168	175	195	195	88	99	NM	18	472	487
Hawaii	228	223	254	251	299	294	4	5	786	772
U.S. Total	**88,903**	**81,077**	**85,425**	**83,224**	**79,983**	**80,182**	**8,428**	**9,129**	**262,738**	**253,611**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

[2] A major utility in Maryland reclassified consumers from commercial class to industrial in July 2002.

[3] Reclassification of California Industrial customers in 2001 resulted in a shift of customers from the Industrial to the Commercial sector. Comparison of data of the Commercial and Industrial sectors with prior year same month data might exhibit a wide variance.

Notes: • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • 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.

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

Table 46. Relative Standard Error for U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census Division and State, November 2002

(Percent)

Census Division and State	Residential	Commercial	Industrial	Other[1]	All Sectors
New England	**0.2**	**0.2**	**0.7**	**1.1**	**0.2**
Connecticut	0.1	0.2	0.3	1.2	0.2
Maine	0.1	0.1	0.3	0.8	0.1
Massachusetts	0.3	0.3	1.5	0.9	0.3
New Hampshire	0.1	0.1	0.5	0.1	0.1
Rhode Island	0.1	0.0	0.3	0.1	0.1
Vermont	0.7	0.5	0.9	1.8	0.5
Mid Atlantic	**0.1**	**0.1**	**1.8**	**6.0**	**0.6**
New Jersey	0.1	0.1	0.4	0.1	0.1
New York	0.1	0.1	4.4	5.3	1.1
Pennsylvania	0.1	0.1	0.1	0.3	0.1
East North Central	**0.4**	**0.5**	**0.9**	**0.5**	**0.7**
Illinois	0.5	0.4	1.1	0.3	1.1
Indiana	0.8	0.6	1.7	3.0	1.7
Michigan	0.8	1.1	0.9	3.9	0.4
Ohio	0.6	0.4	1.5	0.5	1.3
Wisconsin	1.2	1.4	2.2	2.6	0.8
West North Central	**1.0**	**0.9**	**2.3**	**8.4**	**0.9**
Iowa	2.5	3.6	3.9	7.5	1.8
Kansas	0.8	1.4	1.1	NM	0.6
Minnesota	2.2	2.0	2.1	8.1	1.1
Missouri	1.1	0.5	7.3	3.2	2.7
Nebraska	1.6	1.4	3.8	NM	1.1
North Dakota	1.6	1.2	NM	NM	1.8
South Dakota	2.2	1.5	6.3	NM	1.5
South Atlantic	**1.0**	**1.4**	**0.7**	**1.0**	**0.6**
Delaware	0.3	0.4	0.6	0.5	0.3
District of Columbia	-	-	-	-	-
Florida	1.1	1.7	2.6	1.3	0.8
Georgia	1.9	1.6	1.2	3.3	0.9
Maryland	0.5	0.6	0.2	1.0	0.4
North Carolina	1.3	1.3	0.6	1.5	0.6
South Carolina	1.6	1.1	0.6	1.2	0.6
Virginia	0.8	0.8	0.7	0.5	0.4
West Virginia	0.1	0.1	0.1	0.9	0.2
East South Central	**0.7**	**0.6**	**1.6**	**1.2**	**1.2**
Alabama	1.5	1.4	3.2	4.9	1.2
Kentucky	1.2	0.9	2.0	0.5	2.2
Mississippi	1.5	1.9	0.8	6.8	0.7
Tennessee	1.0	0.9	3.5	1.5	2.8
West South Central	**1.1**	**2.2**	**0.6**	**4.1**	**0.6**
Arkansas	1.3	1.7	1.8	4.4	0.9
Louisiana	1.3	1.7	0.2	1.6	0.5
Oklahoma	1.2	1.5	0.9	0.9	0.6
Texas	1.1	2.2	0.4	5.3	0.6
Mountain	**0.7**	**3.0**	**0.7**	**NM**	**0.5**
Arizona	0.7	0.2	1.2	NM	0.5
Colorado	1.6	0.5	1.8	NM	0.8
Idaho	0.8	0.6	1.7	NM	1.8
Montana	1.8	1.0	1.9	NM	0.9
Nevada	1.1	NM	0.2	NM	1.3
New Mexico	2.1	0.8	3.1	NM	1.5
Utah	1.5	0.5	0.7	5.8	0.7
Wyoming	1.4	1.0	1.2	NM	0.6
Pacific Contiguous	**0.8**	**NM**	**4.4**	**NM**	**2.0**
California	0.9	NM	1.5	NM	2.0
Oregon	1.3	1.0	8.1	8.9	3.9
Washington	1.4	1.3	NM	5.9	5.4
Pacific Noncontiguous	**0.2**	**0.2**	**0.4**	**NM**	**0.2**
Alaska	0.4	0.4	1.6	NM	0.5
Hawaii	-	-	-	-	-
U.S. Average	**0.4**	**2.1**	**0.7**	**3.8**	**0.4**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

Notes: • 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. • 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 Utility Sales and Revenue Report with State Distributions."

Table 47. Estimated U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, Year-to-Date (November) 2002 and 2001

(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001
New England	**39,811**	**38,564**	**45,610**	**44,897**	**22,002**	**23,868**	**1,472**	**1,384**	**108,895**	**108,713**
Connecticut	11,211	10,827	11,569	11,352	4,954	5,116	517	512	28,251	27,806
Maine	3,632	3,548	3,465	3,491	3,267	4,329	52	53	10,417	11,420
Massachusetts	16,913	16,418	22,073	21,738	9,061	9,373	661	595	48,708	48,124
New Hampshire	3,603	3,454	3,672	3,570	2,053	2,313	123	121	9,451	9,458
Rhode Island	2,576	2,464	3,039	2,976	1,220	1,271	76	60	6,911	6,771
Vermont	1,875	1,853	1,791	1,771	1,447	1,467	43	43	5,157	5,133
Mid Atlantic	**112,344**	**106,340**	**129,676**	**125,529**	**76,739**	**78,302**	**14,039**	**14,487**	**332,798**	**324,658**
New Jersey	24,628	23,423	32,571	31,767	10,474	11,550	457	458	68,130	67,199
New York	42,524	40,339	56,743	55,828	22,942	22,747	12,310	12,556	134,519	131,469
Pennsylvania	45,192	42,578	40,361	37,935	43,323	44,005	1,272	1,472	130,148	125,990
East North Central	**166,468**	**155,712**	**149,609**	**146,385**	**191,334**	**195,003**	**14,842**	**15,555**	**522,253**	**512,655**
Illinois	40,836	37,947	40,479	40,060	35,645	38,479	8,894	9,563	125,854	126,049
Indiana	28,275	26,639	19,765	19,667	43,925	42,950	578	882	92,543	90,138
Michigan	31,401	29,063	34,601	33,198	32,954	32,551	811	798	99,768	95,611
Ohio	46,183	43,368	37,415	36,482	54,551	56,838	3,859	3,642	142,009	140,331
Wisconsin	19,773	18,694	17,349	16,978	24,258	24,184	699	670	62,079	60,526
West North Central	**86,106**	**82,110**	**75,306**	**74,698**	**69,577**	**68,410**	**6,258**	**6,267**	**237,247**	**231,485**
Iowa	12,009	11,438	7,899	7,727	15,487	15,468	1,418	1,421	36,814	36,054
Kansas	11,831	11,211	12,326	11,961	9,039	9,303	562	560	33,759	33,035
Minnesota	18,740	17,668	17,560	18,342	20,121	18,847	637	672	57,058	55,529
Missouri	28,653	27,503	24,837	24,108	14,202	14,480	1,053	1,024	68,745	67,115
Nebraska	8,148	7,863	6,799	6,702	6,904	6,706	1,740	1,713	23,590	22,983
North Dakota	3,326	3,173	3,127	3,109	2,318	2,158	417	427	9,188	8,867
South Dakota	3,399	3,255	2,758	2,749	1,505	1,449	432	449	8,093	7,902
South Atlantic	**286,314**	**271,646**	**226,642**	**225,044**	**153,605**	**146,999**	**20,931**	**20,392**	**687,491**	**664,081**
Delaware	3,616	3,501	3,425	3,373	3,798	3,712	52	56	10,891	10,641
District of Columbia	1,631	1,578	7,973	7,837	260	257	382	329	10,247	10,000
Florida	99,608	93,725	71,340	68,703	17,501	16,917	5,377	5,193	193,827	184,538
Georgia	43,777	40,822	36,184	35,663	31,817	30,913	1,539	1,522	113,317	108,919
Maryland [2]	23,242	22,518	20,566	24,129	13,734	9,392	868	835	58,410	56,874
North Carolina	44,829	42,973	36,329	35,474	29,126	29,077	2,051	2,020	112,334	109,543
South Carolina	24,265	23,322	16,847	16,731	29,294	28,691	862	867	71,267	69,611
Virginia	36,039	34,162	27,565	26,865	18,097	17,939	9,731	9,502	91,432	88,469
West Virginia	9,307	9,047	6,412	6,270	9,978	10,101	68	68	25,767	25,485
East South Central	**102,185**	**98,130**	**67,753**	**65,718**	**115,607**	**109,067**	**5,509**	**5,420**	**291,055**	**278,335**
Alabama	27,515	25,851	18,301	17,682	31,437	30,200	637	628	77,890	74,361
Kentucky	22,568	21,739	13,394	13,155	39,907	35,005	3,091	3,033	78,960	72,932
Mississippi	16,493	15,844	11,116	10,593	13,773	14,161	769	762	42,151	41,360
Tennessee	35,609	34,696	24,942	24,289	30,491	29,701	1,012	997	92,054	89,682
West South Central	**173,197**	**166,398**	**125,284**	**118,269**	**135,170**	**145,385**	**17,404**	**19,608**	**451,055**	**449,660**
Arkansas	14,314	13,998	8,277	8,332	15,477	15,635	682	688	38,750	38,653
Louisiana	26,279	24,933	17,508	16,850	27,263	27,485	2,612	2,544	73,661	71,813
Oklahoma	18,523	18,361	12,174	12,449	12,130	12,516	3,263	2,763	46,091	46,090
Texas	114,082	109,106	87,326	80,637	80,299	89,748	10,847	13,613	292,553	293,104
Mountain	**70,585**	**68,627**	**71,886**	**69,396**	**56,829**	**59,166**	**9,439**	**9,415**	**208,739**	**206,604**
Arizona	24,597	24,323	20,661	20,470	9,970	10,591	3,711	3,641	58,939	59,025
Colorado	14,006	13,197	17,169	16,717	9,563	9,612	1,379	1,348	42,116	40,874
Idaho	6,192	6,061	6,572	6,072	5,752	6,738	306	300	18,822	19,171
Montana	3,631	3,536	3,571	3,548	3,118	3,053	286	302	10,606	10,439
Nevada	8,996	8,866	7,075	6,105	10,504	10,474	562	541	27,137	25,986
New Mexico	4,803	4,614	6,437	6,290	4,698	4,871	2,084	2,108	18,023	17,882
Utah	6,361	6,098	7,643	7,537	6,337	6,701	946	978	21,287	21,313
Wyoming	1,999	1,933	2,759	2,658	6,886	7,126	165	197	11,809	11,914
Pacific Contiguous	**116,664**	**113,123**	**137,583**	**124,779**	**69,206**	**85,793**	**10,843**	**14,954**	**334,296**	**338,650**
California [3]	72,253	69,149	102,395	89,664	45,817	58,922	6,877	11,040	227,342	228,774
Oregon	15,575	15,565	13,388	13,509	9,862	11,240	421	401	39,245	40,716
Washington	28,835	28,409	21,800	21,606	13,528	15,632	3,545	3,514	67,709	69,160
Pacific Noncontiguous	**4,278**	**4,120**	**4,843**	**4,816**	**4,396**	**4,334**	**240**	**231**	**13,757**	**13,501**
Alaska	1,736	1,684	2,021	2,048	1,058	994	192	183	5,007	4,910
Hawaii	2,542	2,435	2,822	2,768	3,338	3,340	49	48	8,750	8,591
U.S. Total	**1,157,952**	**1,104,771**	**1,034,190**	**999,531**	**894,466**	**916,327**	**100,978**	**107,712**	**3,187,586**	**3,128,341**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

[2] A major utility in Maryland reclassified consumers from commercial class to industrial in July 2002.

[3] Reclassification of California Industrial customers in 2001 resulted in a shift of customers from the Industrial to the Commercial sector. Comparison of data of the Commercial and Industrial sectors with prior year same month data might exhibit a wide variance.

Notes: • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • 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.

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

Table 48. Revenue from U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, 1990 Through November 2002

(Million Dollars)

Period	Residential	Commercial	Industrial	Other[1]	All Sectors
1990	**72,378**	**55,117**	**44,857**	**5,891**	**178,243**
1991	**76,828**	**57,655**	**45,737**	**6,138**	**186,359**
1992	**76,848**	**58,343**	**46,993**	**6,296**	**188,480**
1993	**82,814**	**61,521**	**47,357**	**6,528**	**198,220**
1994	**84,552**	**63,396**	**48,069**	**6,689**	**202,706**
1995	**87,610**	**66,365**	**47,175**	**6,567**	**207,717**
1996	**90,501**	**67,827**	**47,385**	**6,741**	**212,455**
1997	**90,694**	**70,482**	**46,772**	**7,110**	**215,059**
1998	**93,164**	**71,769**	**46,549**	**6,864**	**218,346**
1999	**93,313**	**71,680**	**46,355**	**6,790**	**218,137**
2000					
January	8,383	5,782	3,703	550	18,418
February	7,590	5,594	3,656	555	17,396
March	6,848	5,691	3,808	546	16,893
April	6,215	5,524	3,734	548	16,021
May	6,956	6,259	4,089	576	17,880
June	8,898	7,258	4,378	630	21,164
July	10,285	7,640	4,451	647	23,024
August	10,681	8,120	4,781	681	24,263
September	9,238	7,297	4,387	677	21,600
October	7,373	6,699	4,241	616	18,929
November	6,892	6,091	4,027	569	17,579
December	8,850	6,448	4,114	584	19,996
Total	**98,209**	**78,405**	**49,369**	**7,179**	**233,163**
2001					
January	9,933	6,690	4,153	571	21,347
February	8,121	6,153	3,980	561	18,815
March	7,762	6,464	4,075	571	18,871
April	7,015	6,262	4,033	559	17,870
May	7,188	6,764	4,284	602	18,838
June	8,901	7,741	4,446	671	21,758
July	10,777	8,575	4,592	703	24,648
August	11,514	8,820	4,728	744	25,805
September	9,359	7,951	4,365	711	22,386
October	7,537	7,407	4,193	663	19,800
November	6,876	6,440	3,835	589	17,740
December	7,989	6,550	3,740	574	18,852
Total	**102,972**	**85,816**	**50,423**	**7,519**	**246,730**
2002					
January	9,391	6,693	3,682	581	20,347
February	7,939	6,272	3,528	540	18,279
March	7,891	6,542	3,624	547	18,605
April	7,256	6,514	3,683	580	18,033
May	7,583	7,158	3,823	576	19,140
June	9,139	8,207	4,145	638	22,129
July	11,717	9,144	4,406	667	25,934
August	11,694	8,973	4,448	666	25,782
September	9,922	8,196	4,187	669	22,974
October	8,062	7,809	4,116	632	20,619
November	7,405	6,662	3,763	560	18,390
Total	**97,999**	**82,172**	**43,405**	**6,656**	**230,232**
Year to Date					
2002	**97,999**	**82,172**	**43,405**	**6,656**	**230,232**
2001	**94,983**	**79,266**	**46,683**	**6,945**	**227,877**
2000	**89,360**	**71,957**	**45,255**	**6,595**	**213,167**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

Notes: • Revenue values for 1999 - 2001 include energy service provider (power marketer) data. • Values for 2000 have been adjusted to reflect the Form EIA-861 annual total. See technical notes for methodology. • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • Values for 1996 in the commercial and industrial sectors for Maryland, the South Atlantic Census Division, and the U.S. Total reflect an electric utility's reclassification for this information by Standard Industrial Classification (SIC). • 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: • 2001-2002: Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions." • 1990-2000: Form EIA-861,"Annual Electric Utility Report."

Table 49. Estimated Revenue from U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, November 2002 and 2001

(Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001
New England	**392**	**382**	**363**	**374**	**153**	**154**	**17**	**18**	**925**	**927**
Connecticut	109	100	89	87	34	33	5	4	237	224
Maine [3]	44	40	31	34	11	19	1	1	87	94
Massachusetts [3]	157	165	171	183	72	64	8	9	408	421
New Hampshire	37	34	30	29	17	18	1	1	85	82
Rhode Island [3]	23	23	24	23	9	9	1	2	57	57
Vermont	22	20	18	17	11	11	1	1	51	49
Mid Atlantic	**1,003**	**924**	**1,066**	**1,020**	**376**	**398**	**111**	**80**	**2,556**	**2,422**
New Jersey	186	169	241	245	64	79	7	5	499	498
New York	466	435	546	514	100	101	93	62	1,204	1,113
Pennsylvania	352	320	278	260	213	218	10	13	853	811
East North Central	**1,028**	**918**	**909**	**889**	**764**	**772**	**73**	**76**	**2,774**	**2,654**
Illinois	244	201	279	271	163	174	38	42	723	687
Indiana [2]	154	145	89	91	154	146	5	5	401	387
Michigan	204	189	215	213	139	142	8	8	566	552
Ohio	283	263	234	224	221	221	18	17	757	725
Wisconsin	142	120	92	89	88	89	5	5	327	303
West North Central	**471**	**426**	**363**	**339**	**244**	**251**	**29**	**29**	**1,108**	**1,045**
Iowa	79	80	44	42	49	51	7	9	179	182
Kansas	59	50	59	55	35	37	NM	3	157	145
Minnesota	115	104	87	80	69	75	4	4	275	263
Missouri	134	120	111	102	52	53	6	5	303	279
Nebraska	42	35	31	30	24	22	NM	6	102	93
North Dakota	20	17	16	15	9	8	NM	1	47	42
South Dakota	22	20	15	14	6	6	NM	1	45	41
South Atlantic	**1,761**	**1,583**	**1,208**	**1,208**	**582**	**535**	**119**	**117**	**3,670**	**3,444**
Delaware	23	21	20	18	12	15	1	1	57	55
District of Columbia	9	9	39	41	1	1	2	2	51	52
Florida	684	606	428	419	81	80	40	37	1,233	1,143
Georgia	232	209	193	190	108	101	12	11	545	511
Maryland [5]	138	118	84	113	67	30	7	7	295	268
North Carolina	269	255	192	186	116	117	12	12	589	570
South Carolina	134	125	88	84	97	92	5	5	324	306
Virginia	221	196	134	128	65	65	41	43	461	432
West Virginia	50	45	29	28	35	34	1	1	115	107
East South Central	**465**	**441**	**344**	**331**	**378**	**366**	**30**	**28**	**1,217**	**1,167**
Alabama	128	123	94	92	105	101	4	4	331	320
Kentucky	95	88	59	54	111	100	12	11	278	252
Mississippi	82	73	62	56	55	55	6	5	205	189
Tennessee	159	157	129	130	107	111	8	8	403	406
West South Central	**855**	**809**	**620**	**683**	**580**	**575**	**91**	**112**	**2,146**	**2,179**
Arkansas	69	64	38	38	56	58	4	3	167	163
Louisiana	129	108	99	87	112	98	15	13	355	306
Oklahoma	82	67	50	48	39	39	13	12	184	165
Texas	575	570	432	509	374	381	59	84	1,440	1,544
Mountain	**399**	**373**	**399**	**370**	**235**	**235**	**NM**	**35**	**1,068**	**1,013**
Arizona	112	116	116	117	43	45	NM	10	282	288
Colorado	90	78	88	80	38	38	NM	7	223	203
Idaho	41	39	28	25	20	20	1	1	90	85
Montana	25	21	19	18	12	11	NM	2	57	52
Nevada	50	44	NM	41	58	55	3	3	167	143
New Mexico	33	31	40	41	20	21	NM	8	101	101
Utah	35	31	37	36	21	21	3	3	97	91
Wyoming	13	12	14	13	23	24	NM	1	51	49
Pacific Contiguous	**974**	**964**	**NM**	**1,171**	**409**	**510**	**NM**	**90**	**2,769**	**2,735**
California [4]	700	696	NM	973	303	412	NM	71	2,158	2,152
Oregon	106	106	82	81	46	49	4	3	238	239
Washington	168	162	128	117	60	49	16	16	372	344
Pacific Noncontiguous	**57**	**56**	**57**	**56**	**41**	**39**	**NM**	**3**	**158**	**154**
Alaska	20	22	19	21	6	7	NM	2	48	52
Hawaii	37	35	38	35	34	32	1	1	110	103
U.S. Total	**7,405**	**6,876**	**6,662**	**6,440**	**3,763**	**3,835**	**560**	**589**	**18,390**	**17,740**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

[2] General rate reduction in Indiana due to Utility Regulatory Commission Order of September 23, 2002.

[3] Availability of lower Standard Offer rates to consumers of Massachusetts, Maine, and Rhode Island, resulted in significant revenue declines and subsequent reduction in cost of retail electricity (cents/KWH).

[4] Reclassification of California Industrial customers in 2001 resulted in a shift of customers from the Industrial to the Commercial sector. Comparison of data of the Commercial and Industrial sectors with prior year same month data might exhibit a wide variance.

[5] A major utility in Maryland reclassified consumers from commercial to industrial in July 2002.

Notes: • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • 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.

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

Table 50. Relative Standard Error for Revenue from U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census-Division, and State, November 2002

(Percent)

Census Division and State	Residential	Commercial	Industrial	Other[1]	All Sectors
New England	**0.2**	**0.1**	**0.3**	**0.9**	**0.1**
Connecticut	0.1	0.1	0.1	1.0	0.1
Maine	0.1	0.1	0.1	0.6	0.1
Massachusetts	0.3	0.2	0.4	0.8	0.3
New Hampshire	0.1	0.1	0.1	0.1	0.1
Rhode Island	0.1	0.0	0.1	0.1	0.1
Vermont	0.8	0.3	0.4	1.5	0.4
Mid Atlantic	**0.1**	**0.1**	**1.1**	**5.9**	**0.3**
New Jersey	0.1	0.1	0.1	0.1	0.1
New York	0.1	0.1	2.4	5.5	0.6
Pennsylvania	0.2	0.1	0.0	0.3	0.1
East North Central	**0.2**	**0.2**	**0.3**	**0.3**	**0.2**
Illinois	0.2	0.2	0.4	0.1	0.4
Indiana	0.3	0.2	0.5	1.3	0.4
Michigan	0.4	0.4	0.6	2.3	0.3
Ohio	0.2	0.1	0.5	0.5	0.4
Wisconsin	0.6	0.6	0.8	1.3	0.5
West North Central	**0.5**	**0.3**	**1.0**	**5.8**	**0.5**
Iowa	1.3	1.3	1.7	4.4	1.0
Kansas	1.0	0.9	0.9	NM	0.7
Minnesota	1.1	0.6	1.3	4.9	0.6
Missouri	0.4	0.2	3.3	1.5	1.0
Nebraska	1.3	1.1	2.6	NM	1.1
North Dakota	1.5	1.1	4.1	NM	1.6
South Dakota	1.7	1.1	2.0	NM	1.4
South Atlantic	**0.6**	**0.9**	**0.8**	**0.9**	**0.5**
Delaware	0.3	0.3	0.5	0.4	0.3
District of Columbia	-	-	-	-	-
Florida	0.5	1.1	2.2	1.1	0.7
Georgia	1.2	0.9	1.1	2.8	0.9
Maryland	0.7	0.4	0.2	0.9	0.4
North Carolina	0.8	0.8	0.8	1.3	0.6
South Carolina	0.9	0.7	0.7	1.3	0.6
Virginia	0.5	0.4	0.8	0.4	0.4
West Virginia	0.1	0.0	0.1	0.5	0.1
East South Central	**0.4**	**0.3**	**0.9**	**0.9**	**0.4**
Alabama	0.8	0.8	2.9	3.5	1.0
Kentucky	0.5	0.4	0.6	0.3	0.5
Mississippi	1.4	0.6	0.7	4.5	0.8
Tennessee	0.3	0.3	1.1	0.6	0.8
West South Central	**1.1**	**0.9**	**0.5**	**2.8**	**0.7**
Arkansas	1.2	0.8	1.4	3.1	0.9
Louisiana	1.2	0.5	0.2	1.2	0.5
Oklahoma	1.3	1.0	0.7	1.0	0.7
Texas	1.1	0.9	0.4	3.5	0.7
Mountain	**1.3**	**6.4**	**0.7**	**NM**	**0.9**
Arizona	1.5	0.6	1.3	NM	1.0
Colorado	2.7	1.2	1.8	NM	1.5
Idaho	0.6	0.4	0.6	8.8	0.7
Montana	1.4	0.7	1.2	NM	0.9
Nevada	0.8	NM	1.0	5.0	3.3
New Mexico	3.5	1.8	2.7	NM	2.3
Utah	2.4	1.4	0.9	6.6	1.4
Wyoming	1.1	0.7	0.6	NM	0.6
Pacific Contiguous	**0.5**	**NM**	**4.4**	**NM**	**3.5**
California	0.7	NM	5.1	NM	4.1
Oregon	0.8	0.7	2.6	6.1	1.1
Washington	0.9	0.9	4.5	3.6	1.8
Pacific Noncontiguous	**0.2**	**0.3**	**0.1**	**NM**	**0.2**
Alaska	0.6	0.8	1.3	NM	0.7
Hawaii	-	-	-	-	-
U.S. Average	**0.3**	**6.5**	**0.6**	**3.3**	**0.7**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

Notes: • 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. • 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 Utility Sales and Revenue Report with State Distributions."

Table 51. Estimated Revenue from U.S. Electric Utility Retail Sales to Ultimate Consumers by Sector, Census Division, and State, Year-to-Date (November) 2002 and 2001

(Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001
New England	**4,446**	**4,635**	**4,471**	**4,663**	**1,632**	**1,938**	**198**	**173**	**10,748**	**11,409**
Connecticut	1,233	1,183	1,077	1,049	382	391	50	48	2,742	2,671
Maine[2]	451	458	366	433	124	244	12	11	953	1,146
Massachusetts [2]	1,837	2,028	2,208	2,296	736	856	96	78	4,877	5,258
New Hampshire	423	434	366	378	181	211	15	17	985	1,039
Rhode Island [2]	262	300	256	310	95	121	19	12	631	744
Vermont	239	233	199	197	114	116	7	6	559	551
Mid Atlantic	**12,700**	**12,138**	**13,208**	**13,008**	**4,456**	**4,589**	**1,172**	**891**	**31,535**	**30,626**
New Jersey	2,584	2,422	2,959	2,917	791	949	70	51	6,404	6,338
New York	5,756	5,654	6,897	6,962	1,135	1,150	957	702	14,744	14,468
Pennsylvania	4,360	4,062	3,352	3,128	2,530	2,491	145	139	10,387	9,821
East North Central	**13,459**	**12,740**	**11,231**	**10,605**	**8,945**	**8,954**	**910**	**928**	**34,545**	**33,227**
Illinois	3,464	3,339	3,390	2,977	1,992	1,844	499	523	9,346	8,683
Indiana [4]	1,951	1,849	1,194	1,146	1,743	1,712	55	54	4,942	4,761
Michigan	2,656	2,450	2,619	2,529	1,601	1,680	91	88	6,968	6,747
Ohio	3,786	3,627	2,895	2,872	2,546	2,668	210	210	9,437	9,378
Wisconsin	1,601	1,476	1,133	1,080	1,063	1,050	55	52	3,852	3,658
West North Central	**6,409**	**6,094**	**4,576**	**4,538**	**2,973**	**3,002**	**387**	**373**	**14,344**	**14,006**
Iowa	1,008	963	526	523	633	653	89	89	2,256	2,228
Kansas	910	864	774	744	418	428	43	42	2,144	2,078
Minnesota	1,412	1,354	1,043	1,106	849	861	51	52	3,354	3,373
Missouri	2,050	1,944	1,486	1,435	644	660	65	62	4,244	4,101
Nebraska	554	514	383	367	267	250	104	93	1,309	1,224
North Dakota	217	209	190	183	93	85	18	17	518	494
South Dakota	258	245	173	180	69	65	18	17	519	507
South Atlantic	**22,788**	**21,905**	**14,771**	**14,846**	**6,554**	**6,454**	**1,363**	**1,317**	**45,477**	**44,522**
Delaware	315	301	253	234	162	165	9	8	739	708
District of Columbia	138	125	585	574	13	12	23	18	759	729
Florida	8,147	8,018	4,756	4,834	921	908	420	407	14,244	14,168
Georgia	3,408	3,226	2,352	2,389	1,270	1,351	133	131	7,163	7,097
Maryland	1,819	1,744	1,396	1,548	543	394	80	68	3,839	3,755
North Carolina	3,680	3,498	2,369	2,288	1,381	1,382	138	134	7,569	7,301
South Carolina	1,889	1,804	1,099	1,082	1,136	1,116	57	55	4,181	4,057
Virginia	2,809	2,623	1,614	1,557	748	748	495	488	5,666	5,417
West Virginia	583	565	347	340	380	377	7	7	1,316	1,290
East South Central	**6,733**	**6,394**	**4,293**	**4,106**	**4,393**	**4,188**	**347**	**339**	**15,766**	**15,026**
Alabama	1,963	1,823	1,218	1,159	1,221	1,175	46	44	4,449	4,202
Kentucky	1,272	1,202	711	678	1,261	1,092	142	138	3,386	3,110
Mississippi	1,214	1,170	760	739	611	634	69	69	2,654	2,611
Tennessee	2,283	2,198	1,604	1,529	1,301	1,288	90	87	5,278	5,103
West South Central	**13,493**	**14,044**	**8,322**	**8,901**	**6,156**	**7,536**	**1,175**	**1,428**	**29,146**	**31,909**
Arkansas	1,054	1,080	498	517	651	702	47	48	2,250	2,347
Louisiana	1,911	2,004	1,179	1,301	1,202	1,558	169	198	4,461	5,060
Oklahoma	1,256	1,330	707	797	464	537	170	156	2,597	2,820
Texas	9,272	9,631	5,939	6,287	3,839	4,739	788	1,026	19,838	21,683
Mountain	**5,577**	**5,374**	**4,786**	**4,545**	**2,822**	**2,844**	**454**	**450**	**13,640**	**13,212**
Arizona	2,047	2,039	1,517	1,525	531	567	139	137	4,234	4,268
Colorado	1,025	983	978	960	422	433	89	89	2,514	2,465
Idaho	421	366	379	313	266	241	17	14	1,082	935
Montana	264	241	214	198	126	174	22	21	626	634
Nevada	841	800	645	514	773	682	34	33	2,294	2,029
New Mexico	415	404	473	470	219	262	106	106	1,213	1,243
Utah	426	411	422	420	240	241	38	40	1,126	1,112
Wyoming	139	129	158	144	246	244	9	9	551	526
Pacific Contiguous	**11,796**	**11,065**	**15,919**	**13,444**	**5,037**	**6,722**	**617**	**1,016**	**33,369**	**32,247**
California [3]	8,766	8,396	13,620	11,490	3,984	5,409	403	832	26,773	26,126
Oregon	1,156	996	921	742	489	489	39	32	2,605	2,259
Washington	1,874	1,673	1,378	1,212	564	825	175	152	3,991	3,862
Pacific Noncontiguous	**599**	**595**	**595**	**612**	**436**	**454**	**32**	**31**	**1,662**	**1,692**
Alaska	211	204	207	210	82	76	25	25	525	515
Hawaii	388	391	388	402	355	378	6	7	1,137	1,178
U.S. Total	**97,999**	**94,983**	**82,172**	**79,266**	**43,405**	**46,683**	**6,656**	**6,945**	**230,232**	**227,877**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

[2] Availability of lower Standard Offer rates to consumers of Massachusetts, Maine, and Rhode Island, resulted in significant revenue declines and subsequent reduction in cost of retail electricity (cents/KWH).

[3] Reclassification of California Industrial customers in 2001 resulted in a shift of customers from the Industrial to the Commercial sector. Comparison of data of the Commercial and Industrial sectors with prior year same month data might exhibit a wide variance.

[4] General rate reduction in Indiana due to Utility Regulatory Commission Order of September 23, 2002.

Notes: • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • 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.

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

Table 52. U.S. Electric Utility Average Revenue per Kilowatthour by Sector, 1990 Through November 2002

(Cents)

Period	Residential	Commercial	Industrial	Other[1]	All Sectors
1990	**7.83**	**7.34**	**4.74**	**6.40**	**6.57**
1991	**8.04**	**7.53**	**4.83**	**6.51**	**6.75**
1992	**8.21**	**7.66**	**4.83**	**6.74**	**6.82**
1993	**8.32**	**7.74**	**4.85**	**6.88**	**6.93**
1994	**8.38**	**7.73**	**4.77**	**6.84**	**6.91**
1995	**8.40**	**7.69**	**4.66**	**6.88**	**6.89**
1996	**8.36**	**7.64**	**4.60**	**6.91**	**6.86**
1997	**8.43**	**7.59**	**4.53**	**6.91**	**6.85**
1998	**8.26**	**7.41**	**4.48**	**6.63**	**6.74**
1999	**8.16**	**7.26**	**4.43**	**6.35**	**6.66**
2000					
January	7.66	6.93	4.31	6.20	6.40
February	7.71	6.96	4.32	6.44	6.39
March	8.09	7.03	4.31	6.45	6.44
April	8.15	7.05	4.32	6.74	6.43
May	8.34	7.25	4.51	6.42	6.64
June	8.56	7.70	4.75	6.74	7.06
July	8.61	7.76	4.95	6.65	7.25
August	8.63	7.93	5.07	6.66	7.34
September	8.51	7.73	4.84	6.71	7.11
October	8.49	7.67	4.74	6.66	6.94
November	8.15	7.34	4.59	6.40	6.66
December	7.82	7.52	4.88	6.57	6.85
Average	**8.24**	**7.43**	**4.64**	**6.56**	**6.81**
2001					
January	7.74	7.35	5.02	6.08	6.85
February	8.05	7.53	4.87	6.33	6.88
March	8.31	7.68	4.91	6.38	7.00
April	8.47	7.71	4.90	6.40	7.01
May	8.83	7.72	5.02	6.50	7.15
June	9.03	8.08	5.22	6.49	7.51
July	9.01	8.37	5.51	6.62	7.80
August	8.97	8.33	5.44	6.58	7.77
September	8.89	8.21	5.28	6.34	7.56
October	8.86	8.28	5.05	6.70	7.40
November	8.48	7.74	4.78	6.45	6.99
December	8.30	7.66	4.81	6.42	7.02
Average	**8.57**	**7.91**	**5.07**	**6.45**	**7.26**
2002					
January	7.99	7.58	4.81	6.51	6.98
February	8.14	7.62	4.73	6.53	6.96
March	8.14	7.69	4.75	6.51	6.97
April	8.28	7.54	4.67	6.81	6.90
May	8.63	7.73	4.66	6.70	7.06
June	8.72	8.17	5.04	6.76	7.45
July	8.79	8.35	5.13	6.53	7.65
August	8.73	8.29	5.07	6.44	7.57
September	8.62	8.18	4.91	6.43	7.39
October	8.55	8.18	4.85	6.67	7.26
November	8.33	7.80	4.70	6.65	7.00
Average	**8.46**	**7.95**	**4.85**	**6.59**	**7.22**
Year to Date Average					
2002	**8.46**	**7.95**	**4.85**	**6.59**	**7.22**
2001	**8.60**	**7.93**	**5.09**	**6.45**	**7.28**
2000	**8.28**	**7.42**	**4.62**	**6.56**	**6.81**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

Notes: • Values for 2000 have been adjusted to reflect the Form EIA-861 annual total. See technical notes for methodology. Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • Values for 1996 in the commercial and industrial sectors for Maryland, the South Atlantic Census Division, and the U.S. Total reflect an electric utility's reclassification for this information by Standard Industrial Classification Code (SIC). • 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: • 1990-2000: Form EIA-861,"Annual Electric Utility Report." • 2001-2002: Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Table 53. Estimated U.S. Electric Utility Average Revenue per Kilowatthour to Ultimate Consumers by Sector, Census Division, and State, November 2002 and 2001

(Cents)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001
New England	**11.3**	**12.0**	**9.2**	**9.8**	**7.8**	**7.3**	**12.5**	**13.0**	**9.7**	**10.1**
Connecticut	11.0	11.0	9.3	9.2	7.6	7.5	9.7	9.1	9.7	9.6
Maine[3]	13.0	12.9	10.4	11.0	3.9	4.8	22.9	22.2	9.5	9.2
Massachusetts [3]	11.0	12.6	8.8	9.9	8.9	7.8	13.2	14.1	9.6	10.4
New Hampshire	11.8	11.8	9.6	10.1	9.0	8.7	12.3	12.1	10.3	10.4
Rhode Island [3]	10.6	11.5	8.8	9.3	8.0	8.6	16.6	27.7	9.4	10.1
Vermont	12.8	12.5	11.1	11.1	8.0	8.2	16.9	14.8	10.9	10.8
Mid Atlantic	**11.1**	**11.1**	**9.7**	**9.7**	**5.6**	**5.7**	**8.7**	**6.2**	**9.1**	**8.9**
New Jersey	10.0	9.9	8.6	9.2	7.2	7.9	15.5	10.5	8.9	9.2
New York	13.2	13.4	11.3	11.2	4.7	4.7	8.1	5.5	10.4	10.0
Pennsylvania	9.5	9.5	8.2	8.1	5.7	5.7	13.6	10.9	7.8	7.7
East North Central	**7.8**	**7.9**	**7.4**	**7.4**	**4.5**	**4.7**	**5.5**	**5.6**	**6.3**	**6.4**
Illinois	7.8	8.1	8.1	7.8	5.2	5.4	4.7	4.8	6.9	6.8
Indiana [4]	6.7	7.3	5.7	6.2	3.9	3.9	8.5	8.6	5.1	5.4
Michigan	8.2	8.2	7.5	7.6	4.4	5.1	10.0	10.2	6.6	6.9
Ohio	7.9	7.9	7.8	7.7	4.6	4.8	5.6	5.5	6.4	6.5
Wisconsin	8.2	7.9	6.4	6.3	4.4	4.3	7.4	7.6	6.2	6.0
West North Central	**6.9**	**7.0**	**5.7**	**5.5**	**4.0**	**4.0**	**6.0**	**5.6**	**5.6**	**5.5**
Iowa	7.9	7.8	6.2	5.9	3.7	3.6	5.9	5.9	5.7	5.5
Kansas	7.3	7.2	6.0	5.7	4.3	4.3	7.0	7.0	5.9	5.7
Minnesota	7.1	7.3	5.8	5.5	3.9	4.3	7.3	7.4	5.6	5.6
Missouri	6.4	6.6	5.4	5.2	4.1	4.0	5.9	4.6	5.5	5.4
Nebraska	6.3	6.3	5.4	5.2	3.8	3.5	NM	5.5	5.3	5.0
North Dakota	6.1	6.4	5.6	5.4	NM	3.8	4.2	4.0	5.3	5.3
South Dakota	7.3	7.4	6.2	6.2	4.7	4.3	NM	4.4	6.3	6.2
South Atlantic	**7.9**	**8.0**	**6.5**	**6.4**	**4.2**	**4.2**	**6.8**	**6.7**	**6.5**	**6.5**
Delaware	8.4	8.6	7.2	6.9	3.8	4.6	16.5	13.6	6.4	6.5
District of Columbia	7.4	7.0	6.1	6.5	4.6	4.5	6.2	7.6	6.3	6.6
Florida	8.2	8.7	6.6	7.0	5.2	5.4	7.7	8.0	7.3	7.6
Georgia	7.5	7.5	6.5	6.3	3.9	4.0	8.5	8.6	6.1	6.1
Maryland	7.4	7.1	7.0	5.6	4.0	3.6	9.5	8.1	6.1	5.9
North Carolina	8.3	8.2	6.5	6.4	4.5	4.7	6.8	6.8	6.6	6.6
South Carolina	8.0	7.8	6.4	6.4	3.7	3.7	6.7	6.7	5.6	5.6
Virginia	7.5	7.6	5.8	5.8	4.1	4.2	5.5	5.3	6.1	6.0
West Virginia	6.4	6.4	5.5	5.5	3.9	3.8	9.8	9.8	5.2	5.1
East South Central	**6.6**	**6.6**	**6.3**	**6.3**	**3.6**	**3.6**	**6.3**	**6.2**	**5.2**	**5.2**
Alabama	7.3	7.2	6.5	6.5	3.6	3.7	7.2	7.1	5.4	5.4
Kentucky	5.6	5.6	5.3	5.2	3.0	2.8	4.7	4.5	4.1	3.9
Mississippi	7.4	7.2	6.9	6.7	4.4	4.2	8.7	8.2	6.1	5.9
Tennessee	6.6	6.5	6.6	6.5	4.3	4.2	8.9	8.8	5.8	5.7
West South Central	**7.5**	**7.9**	**6.5**	**7.1**	**4.6**	**4.4**	**6.3**	**6.7**	**6.1**	**6.3**
Arkansas	7.2	7.6	5.6	5.9	3.9	4.2	6.7	6.7	5.3	5.6
Louisiana	7.3	6.7	7.0	6.3	4.7	4.0	6.9	6.1	6.1	5.4
Oklahoma	6.6	6.2	5.3	4.6	3.6	2.9	4.3	4.4	5.2	4.4
Texas	7.7	8.4	6.7	7.8	4.8	4.9	6.9	7.4	6.4	7.0
Mountain	**7.5**	**7.4**	**6.6**	**6.4**	**4.7**	**4.5**	**5.6**	**5.2**	**6.3**	**6.0**
Arizona	7.4	7.3	6.8	6.8	5.1	4.9	4.4	4.1	6.5	6.4
Colorado	7.3	7.3	5.8	5.5	4.4	4.4	7.3	7.2	6.0	5.8
Idaho	6.7	6.6	6.0	5.9	4.1	3.6	NM	5.8	5.7	5.4
Montana	7.3	7.0	6.1	6.0	4.2	4.3	NM	8.2	6.0	5.9
Nevada	9.4	9.4	NM	8.4	6.7	5.6	6.6	5.8	8.3	7.2
New Mexico	8.6	8.8	7.6	7.5	4.6	4.9	5.9	5.7	6.8	6.9
Utah	6.5	6.6	5.6	5.7	3.8	3.6	4.6	4.2	5.3	5.2
Wyoming	6.9	6.8	5.8	5.6	3.7	3.6	NM	4.9	4.7	4.5
Pacific Contiguous	**9.9**	**10.0**	**NM**	**11.0**	**7.5**	**7.4**	**5.8**	**7.3**	**9.9**	**9.6**
California [2]	12.1	12.2	NM	12.7	8.8	8.5	NM	7.8	11.8	11.2
Oregon	7.4	7.3	7.1	7.0	5.6	5.2	9.8	10.3	6.9	6.7
Washington	6.4	6.4	6.5	6.4	NM	4.4	5.1	5.5	6.1	6.0
Pacific Noncontiguous	**14.4**	**14.2**	**12.7**	**12.6**	**10.6**	**9.9**	**11.8**	**13.4**	**12.5**	**12.3**
Alaska	12.0	12.4	9.9	10.6	7.3	7.1	11.4	13.4	10.2	10.6
Hawaii	16.2	15.6	14.8	14.1	11.5	10.9	14.1	13.6	14.0	13.3
U.S. Average	**8.33**	**8.48**	**7.80**	**7.74**	**4.70**	**4.78**	**6.65**	**6.45**	**7.00**	**6.99**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

[2] Reclassification of California Industrial customers in 2001 resulted in a shift of customers from the Industrial to the Commercial sector. Comparison of data of the Commercial and Industrial sectors with prior year same month data might exhibit a wide variance.

[3] Availability of lower Standard Offer rates to consumers of Massachusetts, Maine, and Rhode Island, resulted in significant revenue declines and subsequent reduction in cost of retail electricity (cent/KWH).

[4] General rate reduction in Indiana due to Utility Regulatory Commission Order of September 23, 2002.

Notes: • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • 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.

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

Table 54. Relative Standard Error for U.S. Electric Utility Average Revenue per Kilowatthour to Ultimate Consumers by Sector, Census Division, and State, November 2002

(Percent)

Census Division and State	Residential	Commercial	Industrial	Other[1]	All Sectors
New England	**0.2**	**0.2**	**0.9**	**0.6**	**0.3**
Connecticut	0.2	0.2	0.4	0.7	0.2
Maine	0.1	0.1	0.4	0.3	0.1
Massachusetts	0.4	0.4	1.6	0.7	0.5
New Hampshire	0.2	0.2	0.5	0.1	0.2
Rhode Island	0.2	0.1	0.3	0.1	0.1
Vermont	1.1	0.5	1.2	1.3	0.8
Mid Atlantic	**0.1**	**0.1**	**0.7**	**6.9**	**0.6**
New Jersey	0.1	0.1	0.4	0.1	0.1
New York	0.1	0.1	2.1	6.6	0.9
Pennsylvania	0.2	0.1	0.1	0.1	0.1
East North Central	**0.4**	**0.4**	**0.9**	**0.6**	**0.6**
Illinois	0.5	0.3	0.9	0.3	0.8
Indiana	0.9	0.6	1.5	2.6	1.4
Michigan	0.8	1.0	1.4	2.0	0.5
Ohio	0.6	0.4	1.4	0.9	1.0
Wisconsin	1.0	1.0	2.7	2.4	0.6
West North Central	**1.0**	**0.9**	**2.4**	**3.9**	**0.8**
Iowa	2.2	2.8	5.0	3.6	1.5
Kansas	1.5	2.1	1.1	8.9	0.8
Minnesota	2.0	1.8	3.1	4.7	1.1
Missouri	1.2	0.5	4.8	2.5	2.1
Nebraska	2.1	1.9	5.9	NM	1.2
North Dakota	2.3	1.9	NM	8.2	1.6
South Dakota	2.8	2.0	5.8	NM	1.4
South Atlantic	**1.2**	**0.8**	**1.2**	**1.2**	**0.7**
Delaware	0.4	0.6	1.1	0.4	0.5
District of Columbia	-	-	-	-	-
Florida	1.2	0.9	3.3	1.5	0.8
Georgia	2.6	1.0	1.7	3.3	1.1
Maryland	0.9	0.8	0.4	0.8	0.7
North Carolina	1.7	0.9	1.1	2.0	0.8
South Carolina	2.0	0.8	1.0	1.7	0.8
Virginia	1.1	0.6	1.2	0.5	0.6
West Virginia	0.2	0.1	0.2	1.1	0.3
East South Central	**0.8**	**0.6**	**1.7**	**1.4**	**1.0**
Alabama	1.8	0.9	4.4	4.2	1.1
Kentucky	1.5	1.0	2.1	0.5	2.1
Mississippi	2.1	2.0	0.9	6.1	0.9
Tennessee	1.0	0.9	3.1	1.5	2.1
West South Central	**1.7**	**2.7**	**0.5**	**3.9**	**0.8**
Arkansas	1.8	2.2	1.6	4.3	1.0
Louisiana	1.8	1.8	0.2	1.2	0.6
Oklahoma	1.9	2.2	0.9	1.4	0.8
Texas	1.7	2.7	0.5	4.6	0.8
Mountain	**1.4**	**9.2**	**1.1**	**3.5**	**1.2**
Arizona	1.6	0.7	2.0	2.6	1.2
Colorado	2.9	1.5	2.7	5.2	2.0
Idaho	1.1	0.6	2.1	NM	2.2
Montana	2.2	1.3	2.8	NM	1.0
Nevada	0.6	NM	1.1	6.3	4.4
New Mexico	3.7	2.3	4.3	5.9	2.9
Utah	2.5	1.7	1.4	2.7	1.7
Wyoming	1.8	1.3	1.7	NM	0.7
Pacific Contiguous	**0.6**	**NM**	**5.0**	**7.5**	**4.5**
California	0.6	NM	5.9	NM	5.7
Oregon	1.5	0.9	6.6	6.2	3.4
Washington	1.6	1.0	NM	5.5	4.2
Pacific Noncontiguous	**0.3**	**0.3**	**0.4**	**7.1**	**0.3**
Alaska	0.7	0.8	2.7	9.0	1.0
Hawaii	-	-	-	-	-
U.S. Average	**0.4**	**8.5**	**0.8**	**2.2**	**0.8**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

Notes: • 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. • 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 Utility Sales and Revenue Report with State Distributions."

Table 55. Estimated U.S. Electric Utility Average Revenue per Kilowatthour to Ultimate Consumers by Sector, Census Division, and State, Year-to-Date (November) 2002 and 2001

(Cents)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001
New England	**11.2**	**12.0**	**9.8**	**10.4**	**7.4**	**8.1**	**13.5**	**12.5**	**9.9**	**10.5**
Connecticut	11.0	10.9	9.3	9.2	7.7	7.6	9.7	9.3	9.7	9.6
Maine[3]	12.4	12.9	10.6	12.4	3.8	5.6	22.7	21.7	9.2	10.0
Massachusetts [3]	10.9	12.3	10.0	10.6	8.1	9.1	14.5	13.1	10.0	10.9
New Hampshire	11.7	12.6	10.0	10.6	8.8	9.1	11.9	13.8	10.4	11.0
Rhode Island [3]	10.2	12.2	8.4	10.4	7.8	9.5	24.3	20.6	9.1	11.0
Vermont	12.8	12.6	11.1	11.1	7.9	7.9	16.3	14.7	10.8	10.7
Mid Atlantic	**11.3**	**11.4**	**10.2**	**10.4**	**5.8**	**5.9**	**8.3**	**6.2**	**9.5**	**9.4**
New Jersey	10.5	10.3	9.1	9.2	7.6	8.2	15.4	11.0	9.4	9.4
New York	13.5	14.0	12.2	12.5	4.9	5.1	7.8	5.6	11.0	11.0
Pennsylvania	9.6	9.5	8.3	8.2	5.8	5.7	11.4	9.5	8.0	7.8
East North Central	**8.1**	**8.2**	**7.5**	**7.2**	**4.7**	**4.6**	**6.1**	**6.0**	**6.6**	**6.5**
Illinois	8.5	8.8	8.4	7.4	5.6	4.8	5.6	5.5	7.4	6.9
Indiana [4]	6.9	6.9	6.0	5.8	4.0	4.0	9.5	6.1	5.3	5.3
Michigan	8.5	8.4	7.6	7.6	4.9	5.2	11.2	11.1	7.0	7.1
Ohio	8.2	8.4	7.7	7.9	4.7	4.7	5.4	5.8	6.6	6.7
Wisconsin	8.1	7.9	6.5	6.4	4.4	4.3	7.9	7.7	6.2	6.0
West North Central	**7.4**	**7.4**	**6.1**	**6.1**	**4.3**	**4.4**	**6.2**	**5.9**	**6.0**	**6.1**
Iowa	8.4	8.4	6.7	6.8	4.1	4.2	6.3	6.3	6.1	6.2
Kansas	7.7	7.7	6.3	6.2	4.6	4.6	7.6	7.4	6.4	6.3
Minnesota	7.5	7.7	5.9	6.0	4.2	4.6	7.9	7.7	5.9	6.1
Missouri	7.2	7.1	6.0	6.0	4.5	4.6	6.1	6.1	6.2	6.1
Nebraska	6.8	6.5	5.6	5.5	3.9	3.7	6.0	5.5	5.5	5.3
North Dakota	6.5	6.6	6.1	5.9	4.0	3.9	4.2	4.0	5.6	5.6
South Dakota	7.6	7.5	6.3	6.5	4.6	4.5	4.2	3.9	6.4	6.4
South Atlantic	**8.0**	**8.1**	**6.5**	**6.6**	**4.3**	**4.4**	**6.5**	**6.5**	**6.6**	**6.7**
Delaware	8.7	8.6	7.4	6.9	4.3	4.4	16.5	14.1	6.8	6.7
District of Columbia	8.5	7.9	7.3	7.3	5.0	4.9	6.1	5.4	7.4	7.3
Florida	8.2	8.6	6.7	7.0	5.3	5.4	7.8	7.8	7.3	7.7
Georgia	7.8	7.9	6.5	6.7	4.0	4.4	8.7	8.6	6.3	6.5
Maryland	7.8	7.7	6.8	6.4	4.0	4.2	9.3	8.2	6.6	6.6
North Carolina	8.2	8.1	6.5	6.4	4.7	4.8	6.7	6.6	6.7	6.7
South Carolina	7.8	7.7	6.5	6.5	3.9	3.9	6.6	6.4	5.9	5.8
Virginia	7.8	7.7	5.9	5.8	4.1	4.2	5.1	5.1	6.2	6.1
West Virginia	6.3	6.3	5.4	5.4	3.8	3.7	10.7	10.6	5.1	5.1
East South Central	**6.6**	**6.5**	**6.3**	**6.2**	**3.8**	**3.8**	**6.3**	**6.2**	**5.4**	**5.4**
Alabama	7.1	7.1	6.7	6.6	3.9	3.9	7.2	7.0	5.7	5.7
Kentucky	5.6	5.5	5.3	5.2	3.2	3.1	4.6	4.6	4.3	4.3
Mississippi	7.4	7.4	6.8	7.0	4.4	4.5	9.0	9.0	6.3	6.3
Tennessee	6.4	6.3	6.4	6.3	4.3	4.3	8.9	8.7	5.7	5.7
West South Central	**7.8**	**8.4**	**6.6**	**7.5**	**4.6**	**5.2**	**6.8**	**7.3**	**6.5**	**7.1**
Arkansas	7.4	7.7	6.0	6.2	4.2	4.5	6.9	7.0	5.8	6.1
Louisiana	7.3	8.0	6.7	7.7	4.4	5.7	6.5	7.8	6.1	7.0
Oklahoma	6.8	7.2	5.8	6.4	3.8	4.3	5.2	5.7	5.6	6.1
Texas	8.1	8.8	6.8	7.8	4.8	5.3	7.3	7.5	6.8	7.4
Mountain	**7.9**	**7.8**	**6.7**	**6.5**	**5.0**	**4.8**	**4.8**	**4.8**	**6.5**	**6.4**
Arizona	8.3	8.4	7.3	7.4	5.3	5.4	3.8	3.8	7.2	7.2
Colorado	7.3	7.4	5.7	5.7	4.4	4.5	6.4	6.6	6.0	6.0
Idaho	6.8	6.0	5.8	5.2	4.6	3.6	5.5	4.8	5.7	4.9
Montana	7.3	6.8	6.0	5.6	4.0	5.7	7.8	7.1	5.9	6.1
Nevada	9.4	9.0	9.1	8.4	7.4	6.5	6.1	6.0	8.5	7.8
New Mexico	8.6	8.8	7.3	7.5	4.7	5.4	5.1	5.0	6.7	6.9
Utah	6.7	6.7	5.5	5.6	3.8	3.6	4.0	4.1	5.3	5.2
Wyoming	6.9	6.7	5.7	5.4	3.6	3.4	5.2	4.6	4.7	4.4
Pacific Contiguous	**10.1**	**9.8**	**11.6**	**10.8**	**7.3**	**7.8**	**5.7**	**6.8**	**10.0**	**9.5**
California [2]	12.1	12.1	13.3	12.8	8.7	9.2	5.9	7.5	11.8	11.4
Oregon	7.4	6.4	6.9	5.5	5.0	4.3	9.4	8.0	6.6	5.5
Washington	6.5	5.9	6.3	5.6	4.2	5.3	4.9	4.3	5.9	5.6
Pacific Noncontiguous	**14.0**	**14.5**	**12.3**	**12.7**	**9.9**	**10.5**	**13.2**	**13.5**	**12.1**	**12.5**
Alaska	12.2	12.1	10.2	10.2	7.7	7.7	13.3	13.4	10.5	10.5
Hawaii	15.3	16.1	13.8	14.5	10.6	11.3	13.2	14.1	13.0	13.7
U.S. Average	**8.46**	**8.60**	**7.95**	**7.93**	**4.85**	**5.09**	**6.59**	**6.45**	**7.22**	**7.28**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

[2] Reclassification of California Industrial customers in 2001 resulted in a shift of customers from the Industrial to the Commercial sector. Comparison of data of the Commercial and Industrial sectors with prior year same month data might exhibit a wide variance.

[3] Availability of lower Standard Offer rates to consumers of Massachusetts, Maine, and Rhode Island, resulted in significant revenue declines and subsequent reduction in cost of retail electricity (cents/KWH).

[4] General rate reduction in Indiana due to Utility Regulatory Commission Order of September 23, 2002.

Notes: • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • 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.

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

Monthly Plant Aggregates: U.S. Electric Utility Net Generation and Fuel Consumption

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Alabama Elec Coop Inc	**180,631**	**-7**	**31,704**	**3,264**	**-**	**-**	**82**	**-**	**366**
Gantt (AL)	-	-	-	877	-	-	-	-	-
Lowman (AL)	180,631	-	-	-	-	-	82	-	-
McIntosh-CAES (AL)	-	-	3,494	-	-	-	-	-	18
McWilliams (AL)	-	-	28,210	-	-	-	-	-	348
Point A (AL)	-	-	-	2,387	-	-	-	-	-
Portland (FL)	-	-7	-	-	-	-	-	-	-
Alabama Power Co	**4,719,864**	**2,908**	**541,798**	**606,552**	**1,231,118**	**-**	**2,224**	**5**	**4,167**
Bankhead Dam (AL)	-	-	-	32,932	-	-	-	-	-
Barry (AL)	980,815	-	405,806	-	-	-	409	-	2,809
Farley (AL)	-	-	-	-	1,231,118	-	-	-	-
Gadsden New (AL)	43,329	7	817	-	-	-	25	*	11
Gaston, E C (AL)	1,028,357	1,529	-	-	-	-	409	3	-
GE Plastics (AL)	-	-	51,431	-	-	-	-	-	600
Gorgas (AL)	616,048	1,293	-	-	-	-	254	2	-
Greene County (AL)	317,261	79	6,338	-	-	-	130	*	76
H Neely Henry Dam (AL)	-	-	-	27,481	-	-	-	-	-
Harris (AL)	-	-	-	22,740	-	-	-	-	-
Holt Dam (AL)	-	-	-	30,870	-	-	-	-	-
Jordan (AL)	-	-	-	22,351	-	-	-	-	-
Lay Dam (AL)	-	-	-	77,441	-	-	-	-	-
Lewis Smith Dam (AL)	-	-	-	44,445	-	-	-	-	-
Logan Martin Dam (AL)	-	-	-	49,648	-	-	-	-	-
Martin Dam (AL)	-	-	-	48,690	-	-	-	-	-
Miller (AL)	1,734,054	-	2,980	-	-	-	998	-	42
Mitchell Dam (AL)	-	-	-	64,372	-	-	-	-	-
Thurlow Dam (AL)	-	-	-	33,199	-	-	-	-	-
Walter Bouldin Dam (AL)	-	-	-	104,982	-	-	-	-	-
Washington County (AL)	-	-	74,426	-	-	-	-	-	628
Weiss Dam (AL)	-	-	-	27,339	-	-	-	-	-
Yates Dam (AL)	-	-	-	20,062	-	-	-	-	-
Alaska Elec Lgt & Pwr Co	**-**	**52**	**-**	**28,409**	**-**	**-**	**-**	**-**	**-**
Annex Creek (AK)	-	-	-	2,562	-	-	-	-	-
Auke Bay (AK)	-	15	-	-	-	-	-	*	-
Gold Creek (AK)	-	-	-	349	-	-	-	-	-
Lemon Creek (AK)	-	37	-	-	-	-	-	*	-
Salmon Creek (AK)	-	-	-	2,720	-	-	-	-	-
Snettisham (AK)	-	-	-	22,778	-	-	-	-	-
Alexandria (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
D G Hunter (LA)	-	-	-	-	-	-	-	-	-
Amer Mun Power-Ohio Inc	**97,482**	**-**	**214**	**-**	**-**	**-**	**62**	**-**	**3**
Richard Gorsuch (OH)	97,482	-	214	-	-	-	62	-	3
Ameren-UE	**2,827,159**	**3,486**	**10,818**	**59,863**	**67,577**	**4,439**	**1,651**	**5**	**138**
Callaway (MO)	-	-	-	-	67,577	-	-	-	-
Howard Bend (MO)	-	-	-	-	-	-	-	-	-
Jefferson City (MO)	-	48	-	-	-	-	-	*	-
Keokuk (IA)	-	-	-	81,154	-	-	-	-	-
Kirksville (MO)	-	-	-17	-	-	-	-	-	-
Labadie (MO)	1,117,680	1,809	-	-	-	-	668	3	-
Meramec (MO)	419,183	-48	9,987	-	-	-	254	-	109
Mexico (MO)	-	-55	-	-	-	-	-	-	-
Moberly (MO)	-	-67	-	-	-	-	-	-	-
Moreau (MO)	-	-29	-	-	-	-	-	-	-
Osage (MO)	-	-	-	780	-	-	-	-	-
Peno Creek (MO)	-	-	597	-	-	-	-	-	8
Portable (MO)	-	-	-	-	-	-	-	-	-
Rush Island (MO)	712,281	943	-	-	-	-	429	2	-
Sioux (MO)	578,015	885	-	-	-	4,439	300	*	-
Taum Sauk (MO)	-	-	-	-22,071	-	-	-	-	-
Venice No. 2 (IL)	-	-	279	-	-	-	-	-	21
Viaduct (MO)	-	-	-28	-	-	-	-	-	-
Ames (City of)	**29,754**	**125**	**-**	**-**	**-**	**-**	**18**	**-**	**-**
Ames (IA)	29,754	125	-	-	-	-	18	*	-
Ames Gt (IA)	-	-	-	-	-	-	-	*	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Anchorage (City of)	**-**	**14**	**47,889**	**11,928**	**-**	**-**	**-**	**-**	**641**
Anchorage (AK)	-	6	3,363	-	-	-	-	*	62
Eklutna (AK)	-	-	-	11,928	-	-	-	-	-
GMS 2 (AK)	-	8	44,526	-	-	-	-	*	579
Appalachian Power Co	**2,837,025**	**9,344**	**-**	**52,495**	**-**	**-**	**1,103**	**15**	**-**
Amos, John E (WV)	1,369,106	6,253	-	-	-	-	537	10	-
Buck (VA)	-	-	-	4,279	-	-	-	-	-
Byllesby 2 (VA)	-	-	-	5,946	-	-	-	-	-
Claytor (VA)	-	-	-	19,934	-	-	-	-	-
Clinch River (VA)	360,844	277	-	-	-	-	139	*	-
Glen Lyn (VA)	125,855	2,091	-	-	-	-	52	4	-
Kanawha River (WV)	214,902	278	-	-	-	-	91	1	-
Leesville (VA)	-	-	-	1,878	-	-	-	-	-
London (WV)	-	-	-	9,637	-	-	-	-	-
Marmet (WV)	-	-	-	8,411	-	-	-	-	-
Mountaineer (WV)	766,318	445	-	-	-	-	284	1	-
Niagara (VA)	-	-	-	589	-	-	-	-	-
Reusens (VA)	-	-	-	3,575	-	-	-	-	-
Smith Mountain (VA)	-	-	-	-13,692	-	-	-	-	-
Winfield (WV)	-	-	-	11,938	-	-	-	-	-
Arizona Elec Pwr Coop Inc	**169,683**	**-**	**35,712**	**-**	**-**	**-**	**95**	**-**	**391**
Apache Station (AZ)	169,683	-	35,712	-	-	-	95	-	391
Arizona Public Service Co	**1,932,593**	**643**	**85,036**	**2,514**	**2,506,794**	**-**	**1,108**	**1**	**952**
Childs (AZ)	-	-	-	1,509	-	-	-	-	-
Cholla (AZ)	597,540	618	209	-	-	-	330	1	3
Fairview (AZ)	-	1	-	-	-	-	-	*	-
Four Corners (NM)	1,335,053	-	6,341	-	-	-	777	-	68
Irving (AZ)	-	-	-	1,005	-	-	-	-	-
Ocotillo (AZ)	-	-	2,891	-	-	-	-	-	46
Palo Verde (AZ)	-	-	-	-	2,506,794	-	-	-	-
Phoenix (AZ)	-	-	50,524	-	-	-	-	-	544
Saguaro (AZ)	-	-	121	-	-	-	-	-	3
Yucca (AZ)	-	24	24,950	-	-	-	-	*	289
Arkansas Elec Coop Corp	**-**	**-**	**-**	**35,685**	**-**	**-**	**-**	**-**	**-**
Bailey (AR)	-	-	-	-	-	-	-	-	-
Clyde Ellis (AR)	-	-	-	8,602	-	-	-	-	-
Dam #2 (AR)	-	-	-	18,910	-	-	-	-	-
Dam 9 (AR)	-	-	-	8,173	-	-	-	-	-
Fitzhugh (AR)	-	-	-	-	-	-	-	-	-
Fulton (AR)	-	-	-	-	-	-	-	-	-
Mc Clellan (AR)	-	-	-	-	-	-	-	-	-
Arkansas Power & Light Co	**1,701,176**	**2,524**	**46,624**	**7,062**	**1,081,735**	**-**	**1,094**	**7**	**484**
Arkansas Nuclear One(AR)	-	-	-	-	1,081,735	-	-	-	-
Blytheville (AR)	-	-	-	-	-	-	-	-	-
Carpenter (AR)	-	-	-	4,424	-	-	-	-	-
Couch, Harvey (AR)	-	-	488	-	-	-	-	-	10
Independence (AR)	919,271	1,979	-	-	-	-	557	5	-
L Catherine (AR)	-	-	46,136	-	-	-	-	-	474
Mablevale (AR)	-	-	-	-	-	-	-	-	-
Remmel (AR)	-	-	-	2,638	-	-	-	-	-
Ritchie, R E (AR)	-	-	-	-	-	-	-	-	-
White Bluff (AR)	781,905	545	-	-	-	-	536	2	-
Associated Elec Coop	**1,237,109**	**1,121**	**-**	**-**	**-**	**-**	**726**	**3**	**-**
Chouteau (MO)	-	-	-	-	-	-	-	-	-
Essex (MO)	-	-	-	-	-	-	-	-	-
Holden (MO)	-	-	-	-	-	-	-	-	-
Nadaway (MO)	-	-	-	-	-	-	-	-	-
New Madrid (MO)	712,653	71	-	-	-	-	410	*	-
St Francis (MO)	-	-	-	-	-	-	-	-	-
Thomas Hill (MO)	524,456	1,047	-	-	-	-	316	3	-
Unionville (MO)	-	3	-	-	-	-	-	*	-
Atlantic City Elec Co	**90,273**	**331**	**495**	**-**	**-**	**-**	**39**	**1**	**7**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Atlantic City Elec Co (Continued)									
Deepwater (NJ)	34,395	36	495	-	-	-	14	*	7
England, B L (NJ)	55,878	295	-	-	-	-	25	1	-
Austin (City of)	**-**	**-**	**153,628**	**-**	**-**	**-**	**-**	**-**	**1,611**
Decker Creek (TX)	-	-	92,687	-	-	-	-	-	958
Holly Street (TX)	-	-	54,427	-	-	-	-	-	580
Sandhill (TX)	-	-	6,514	-	-	-	-	-	73
Avista Corporation	**-**	**-**	**1,371**	**195,531**	**-**	**33,279**	**-**	**-**	**16**
Boulder Park (WA)	-	-	268	-	-	-	-	-	3
Cabinet Gorge (ID)	-	-	-	56,061	-	-	-	-	-
Kettle Fls (WA)	-	-	850	-	-	33,279	-	-	9
Little Falls (WA)	-	-	-	9,411	-	-	-	-	-
Long Lake (WA)	-	-	-	22,602	-	-	-	-	-
Monroe Street (WA)	-	-	-	7,415	-	-	-	-	-
Nine Mile (WA)	-	-	-	6,438	-	-	-	-	-
Northeast (WA)	-	-	-1	-	-	-	-	-	-
Noxon Rapids (MT)	-	-	-	83,718	-	-	-	-	-
Post Falls (ID)	-	-	-	3,709	-	-	-	-	-
Rathdrum (ID)	-	-	254	-	-	-	-	-	4
Upper Falls (WA)	-	-	-	6,177	-	-	-	-	-
Basin Elec Power Coop	**2,143,122**	**766**	**-**	**-**	**-**	**940**	**1,566**	**1**	**-**
Antelope Valley (ND)	581,656	6	-	-	-	-	491	*	-
Laramie River (WY)	1,138,874	536	-	-	-	-	721	1	-
Leland Olds (ND)	422,592	98	-	-	-	-	355	*	-
Prairie Winds (ND)	-	-	-	-	-	940	-	-	-
Spirit Mound (SD)	-	126	-	-	-	-	-	*	-
Black Hills Pwr and Lt Co	**109,194**	**169**	**6,762**	**-**	**-**	**-**	**87**	**-**	**79**
French, Ben (SD)	13,546	64	84	-	-	-	12	*	3
Neil Simpson 2 (WY)	62,378	12	6,678	-	-	-	44	*	76
Osage (WY)	21,108	-	-	-	-	-	21	-	-
Simpson, Neil (WY)	12,162	93	-	-	-	-	10	*	-
Braintree (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Potter Station (MA)	-	-	-	-	-	-	-	*	-
Brazos Elec Pwr Coop Inc	**-**	**-**	**22,254**	**-**	**-**	**-**	**-**	**-**	**225**
Miller, R W (TX)	-	-	22,254	-	-	-	-	-	225
North Texas (TX)	-	-	-	-	-	-	-	-	-
Brownsville (City of)	**-**	**-**	**1,596**	**-**	**-**	**-**	**-**	**-**	**20**
Si Ray (TX)	-	-	1,596	-	-	-	-	-	20
Bryan (City of)	**-**	**-**	**16,031**	**-**	**-**	**-**	**-**	**-**	**205**
Bryan (TX)	-	-	8,559	-	-	-	-	-	121
Dansby (TX)	-	-	7,472	-	-	-	-	-	84
Burbank (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Magnolia (CA)	-	-	-	-	-	-	-	-	-
Olive (CA)	-	-	-	-	-	-	-	-	-
Burlington (City of)	**-**	**19**	**280**	**-**	**-**	**12,811**	**-**	**-**	**4**
Burlington (VT)	-	-	-	-	-	-	-	-	-
J C McNeil (VT)	-	19	280	-	-	12,811	-	*	4
California (State of)	**-**	**-**	**-**	**168,017**	**-**	**-**	**-**	**-**	**-**
Alamo (CA)	-	-	-	4,252	-	-	-	-	-
Bottle Rock (CA)	-	-	-	-	-	-	-	-	-
Devil Canyon (CA)	-	-	-	86,776	-	-	-	-	-
Edw Hyatt (CA)	-	-	-	55,600	-	-	-	-	-
Mojave Siphon (CA)	-	-	-	5,768	-	-	-	-	-
Thermal Div (CA)	-	-	-	1,771	-	-	-	-	-
Thermalito (CA)	-	-	-	14,389	-	-	-	-	-
W E Warne (CA)	-	-	-	45,297	-	-	-	-	-
William R Gianelli (CA)	-	-	-	-45,836	-	-	-	-	-
Cardinal Operating Co	**808,656**	**4,728**	**-**	**-**	**-**	**-**	**339**	**8**	**-**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Cardinal Operating Co (Continued)									
Cardinal (OH)	808,656	4,728	-	-	-	-	339	8	-
Carolina Power & Light Co	**2,372,611**	**8,973**	**15,364**	**66,338**	**2,187,655**	**-**	**966**	**18**	**419**
Asheville (NC)	219,934	1,043	115	-	-	-	86	3	9
Blewett (NC)	-	-19	-	13,047	-	-	-	*	-
Brunswick (NC)	-	-	-	-	1,246,292	-	-	-	-
Cape Fear (NC)	138,814	-34	-	-	-	-	56	*	-
Darlington County (SC)	-	61	729	-	-	-	-	*	16
Harris (NC)	-	-	-	-	670,898	-	-	-	-
Lee (NC)	161,802	1,270	-	-	-	-	71	2	-
Marshall (NC)	-	-	-	637	-	-	-	-	-
Mayo (NC)	399,336	898	-	-	-	-	166	2	-
Morehead (NC)	-	-	-	-	-	-	-	-	-
Richmond (NC)	-	82	14,211	-	-	-	-	*	383
Robinson, H B (SC)	79,693	32	-	-	270,465	-	32	*	-
Rowan (NC)	-	-	-	-	-	-	-	-	-
Roxboro (NC)	1,151,460	3,841	-	-	-	-	455	6	-
Sutton (NC)	162,760	1,243	-	-	-	-	72	2	-
Tillery (NC)	-	-	-	21,807	-	-	-	-	-
Walters (NC)	-	-	-	30,847	-	-	-	-	-
Wayne County (NC)	-	237	309	-	-	-	-	1	10
Weatherspoon (NC)	58,812	319	-	-	-	-	27	1	-
Cedar Falls (City of)	**4,994**	**-**	**-6**	**-**	**-**	**547**	**3**	**-**	**1**
Cedar Falls Gt (IA)	4,994	-	50	-	-	-	3	-	1
IDWGP (IA)	-	-	-	-	-	547	-	-	-
Streeter (IA)	-	-	-56	-	-	-	-	-	-
Cent NE Pub Pwr & Ir Dist	**-**	**-**	**-**	**7,373**	**-**	**-**	**-**	**-**	**-**
Jeffrey Canyon (NE)	-	-	-	2,631	-	-	-	-	-
Johnson No 1 (NE)	-	-	-	1,528	-	-	-	-	-
Johnson No 2 (NE)	-	-	-	1,867	-	-	-	-	-
Kingsley (NE)	-	-	-	1,347	-	-	-	-	-
Central Elec Pwr Coop	**35,409**	**10**	**-**	**-**	**-**	**-**	**23**	**-**	**-**
Chamois (MO)	35,409	10	-	-	-	-	23	*	-
Central Hudson Gas & Elec	**-**	**354**	**1**	**11,383**	**-**	**-**	**-**	**1**	**-**
Coxsackie (NY)	-	59	1	-	-	-	-	*	*
Dashville (NY)	-	-	-	1,731	-	-	-	-	-
High Falls (NY)	-	-	-	1,070	-	-	-	-	-
Neversink (NY)	-	-	-	2,639	-	-	-	-	-
South Cairo (NY)	-	295	-	-	-	-	-	1	-
Sturgeon Pool (NY)	-	-	-	5,943	-	-	-	-	-
Central Illinois Light Co	**423,164**	**600**	**3,280**	**-**	**-**	**-**	**205**	**1**	**17**
Duck Creek (IL)	155,976	258	-	-	-	-	76	1	-
E D Edwards (IL)	267,188	342	-	-	-	-	129	1	-
Pekin Cogen (IL)	-	-	3,219	-	-	-	-	-	16
Sterling Avenue (IL)	-	-	61	-	-	-	-	-	1
Central Illinois Public Service Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Coffeen (IL)	-	-	-	-	-	-	-	-	-
Grand Tower (IL)	-	-	-	-	-	-	-	-	-
Hutsonville (IL)	-	-	-	-	-	-	-	-	-
Meredosia (IL)	-	-	-	-	-	-	-	-	-
Newton (IL)	-	-	-	-	-	-	-	-	-
Central Iowa Power Coop	**28,690**	**-**	**6**	**-**	**-**	**-**	**15**	**-**	**-**
Fair Station (IA)	28,690	-	6	-	-	-	15	-	*
Summit Lake (IA)	-	-	-	-	-	-	-	-	-
Central Louisiana Elec Co	**525,753**	**-**	**113,859**	**-**	**-**	**-**	**401**	**-**	**1,362**
Dolet Hills (LA)	434,223	-	535	-	-	-	346	-	6
Franklin (LA)	-	-	-	-	-	-	-	-	-
Rodemacher (LA)	91,530	-	46,456	-	-	-	55	-	546
Teche (LA)	-	-	66,868	-	-	-	-	-	810
Central Operating Co	**308,764**	**810**	**-**	**-**	**-**	**-**	**135**	**2**	**-**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Central Operating Co (Continued)									
Sporn, Phil (WV)	308,764	810	-	-	-	-	135	2	-
Chelan Pub Util Dist #1	**-**	**-**	**-**	**719,980**	**-**	**-**	**-**	**-**	**-**
Chelan (WA)	-	-	-	38,499	-	-	-	-	-
Rock Island (WA)	-	-	-	207,966	-	-	-	-	-
Rocky Reach (WA)	-	-	-	473,515	-	-	-	-	-
Chillicothe (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Chillicothe (MO)	-	-	-	-	-	-	-	-	-
Chugach Elec Assn Inc	**-**	**-**	**153,237**	**74,462**	**-**	**-**	**-**	**-**	**1,901**
Beluga (AK)	-	-	127,892	-	-	-	-	-	1,593
Bernice Lake (AK)	-	-	588	-	-	-	-	-	9
Bradley Lake (AK)	-	-	-	71,999	-	-	-	-	-
Cooper Lake (AK)	-	-	-	2,463	-	-	-	-	-
International (AK)	-	-	338	-	-	-	-	-	11
Soldotna (AK)	-	-	24,419	-	-	-	-	-	287
Cincinnati Gas Elec Co	**2,445,304**	**4,510**	**6,836**	**-**	**-**	**-**	**1,042**	**9**	**116**
Beckjord, Walter C (OH)	562,688	1,614	-	-	-	-	253	4	-
Dicks Creek (OH)	-	-	-	-	-	-	-	-	-
East Bend (KY)	354,300	1,291	-	-	-	-	159	2	-
Miami Fort (OH)	613,513	1,359	-	-	-	-	253	3	-
W. H. Zimmer (OH)	914,803	152	-	-	-	-	376	*	-
Woodsdale (OH)	-	94	6,836	-	-	-	-	*	116
Clarksdale (City of)	**-**	**-**	**507**	**-**	**-**	**-**	**-**	**-**	**22**
South (MS)	-	-	507	-	-	-	-	-	22
Third St (MS)	-	-	-	-	-	-	-	-	-
Cleveland (City of)	**-**	**1**	**71**	**-**	**-**	**-**	**-**	**-**	**2**
Collinwood (OH)	-	-	30	-	-	-	-	-	1
Lake Road (OH)	-	-	-	-	-	-	-	-	-
West 41st Street (OH)	-	1	41	-	-	-	-	*	1
Cleveland Elec Illum Co	**689,110**	**1,383**	**-**	**-17,138**	**904,754**	**-**	**373**	**2**	**-**
Ashtabula (OH)	87,850	112	-	-	-	-	56	*	-
Eastlake (OH)	526,773	862	-	-	-	-	264	2	-
Lake Shore (OH)	74,487	409	-	-	-	-	53	1	-
Perry (OH)	-	-	-	-	904,754	-	-	-	-
Seneca (PA)	-	-	-	-17,138	-	-	-	-	-
Coffeyville (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Coffeyville (KS)	-	-	-	-	-	-	-	-	-
Colorado Springs(City of)	**217,891**	**502**	**12,897**	**1,444**	**-**	**-**	**108**	**1**	**232**
Drake, Martin (CO)	174,054	-	765	-	-	-	83	-	9
George Birdsal (CO)	-	-	11,717	-	-	-	-	-	216
Manitou (CO)	-	-	-	-4	-	-	-	-	-
Ray D. Nixon (CO)	43,837	502	415	-	-	-	25	1	7
Ruxton (CO)	-	-	-	-	-	-	-	-	-
Tesla (CO)	-	-	-	1,448	-	-	-	-	-
Columbia (City of)	**5,023**	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**-**
Columbia (MO)	5,023	-	-	-	-	-	3	-	-
Columbus Southern Pwr Co	**775,905**	**1,100**	**-**	**-**	**-**	**-**	**340**	**2**	**-**
Conesville (OH)	748,296	972	-	-	-	-	329	2	-
Picway (OH)	27,609	128	-	-	-	-	11	*	-
Consol Edison Co N Y Inc	**-**	**6,332**	**55,365**	**-**	**-**	**-**	**-**	**13**	**685**
59Th Street (NY)	-	-	-	-	-	-	-	-	-
74Th Street (NY)	-	-12	-	-	-	-	-	-	-
Buchanan (NY)	-	-	-	-	-	-	-	-	-
East River (NY)	-	6,344	17,963	-	-	-	-	13	230
Hudson Avenue (NY)	-	-	-	-	-	-	-	-	-
Indian Point (NY)	-	-	-	-	-	-	-	-	-
Oil Storage (NY)	-	-	-	-	-	-	-	-	-
Oil Storage (NY)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Consol Edison Co N Y Inc (Continued)									
Waterside (NY)	-	-	37,402	-	-	-	-	-	455
Consolidated Water Pwr Co	**-**	**-**	**-**	**16,587**	**-**	**-**	**-**	**-**	**-**
Biron (WI)	-	-	-	2,729	-	-	-	-	-
Du Bay (WI)	-	-	-	4,609	-	-	-	-	-
Stevens Point (WI)	-	-	-	2,899	-	-	-	-	-
Wisconsin Rapids (WI)	-	-	-	4,539	-	-	-	-	-
Wisconsin River Di (WI)	-	-	-	1,811	-	-	-	-	-
Consumers Power Co	**1,713,888**	**5,781**	**4,904**	**-53,215**	**565,875**	**-**	**853**	**13**	**72**
Alcona (MI)	-	-	-	1,627	-	-	-	-	-
Allegan Dam (MI)	-	-	-	656	-	-	-	-	-
Campbell, J H (MI)	856,214	2,134	-	-	-	-	413	4	-
Cobb, B C (MI)	172,422	-	1,271	-	-	-	97	-	13
Cooke (MI)	-	-	-	1,596	-	-	-	-	-
Croton (MI)	-	-	-	2,144	-	-	-	-	-
Five Channels (MI)	-	-	-	1,497	-	-	-	-	-
Foote (MI)	-	-	-	1,968	-	-	-	-	-
Gaylord (MI)	-	-	-	-	-	-	-	-	-
Hardy (MI)	-	-	-	4,467	-	-	-	-	-
Hodenpyl (MI)	-	-	-	2,117	-	-	-	-	-
Karn, D E (MI)	316,874	3,025	2,522	-	-	-	154	9	46
Loud (MI)	-	-	-	1,143	-	-	-	-	-
Ludington (MI)	-	-	-	-76,856	-	-	-	-	-
Mio (MI)	-	-	-	869	-	-	-	-	-
Morrow, B E (MI)	-	-	-	-	-	-	-	-	-
Palisades (MI)	-	-	-	-	565,875	-	-	-	-
Rogers (MI)	-	-	-	1,402	-	-	-	-	-
Straits (MI)	-	-	-	-	-	-	-	-	-
Thetford (MI)	-	-	199	-	-	-	-	-	5
Tippy, C W (MI)	-	-	-	3,943	-	-	-	-	-
Weadock, J C (MI)	171,196	351	912	-	-	-	85	1	9
Webber (MI)	-	-	-	212	-	-	-	-	-
Whiting, J R (MI)	197,182	271	-	-	-	-	104	*	-
Cooperative Power Asso	**758,288**	**97**	**-**	**-**	**-**	**-**	**673**	**-**	**-**
Bonifacius (MN)	-	97	-	-	-	-	-	*	-
Coal Creek (ND)	758,288	-	-	-	-	-	673	-	-
Corn Belt Power Coop	**3,204**	**-**	**25**	**-**	**-**	**-**	**2**	**-**	**-**
Wisdom, Earl F (IA)	3,204	-	25	-	-	-	2	-	*
Dairyland Power Coop	**371,985**	**917**	**-75**	**5,133**	**-**	**-**	**203**	**2**	**-**
Alma (WI)	69,268	28	-	-	-	-	39	*	-
Elk Mound (WI)	-	-53	-75	-	-	-	-	*	*
Flambeau (WI)	-	-	-	5,133	-	-	-	-	-
Genoa (WI)	199,589	68	-	-	-	-	92	*	-
J P Madgett (WI)	103,128	874	-	-	-	-	72	2	-
Dayton Pwr & Lgt Co (The)	**1,633,837**	**5,215**	**670**	**-**	**-**	**-**	**704**	**9**	**8**
Frank M Tait (OH)	-	95	80	-	-	-	-	*	2
Hutchings (OH)	20,465	-	590	-	-	-	10	-	7
Killen Station (OH)	386,900	514	-	-	-	-	160	1	-
Monument (OH)	-	-	-	-	-	-	-	-	-
Sidney (OH)	-	-	-	-	-	-	-	-	-
Stuart, J M (OH)	1,226,472	4,606	-	-	-	-	534	9	-
Yankee Street (OH)	-	-	-	-	-	-	-	-	-
Denton (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Lewisdale (TX)	-	-	-	-	-	-	-	-	-
Roberts (TX)	-	-	-	-	-	-	-	-	-
Spencer (TX)	-	-	-	-	-	-	-	-	-
Deseret Gen & Trans Coop	**310,533**	**245**	**-**	**-**	**-**	**-**	**177**	**1**	**-**
Bonanza (UT)	310,533	245	-	-	-	-	177	1	-
Detroit (City of)	**-**	**-43**	**22,036**	**-**	**-**	**-**	**-**	**-**	**280**
Mistersky (MI)	-	-43	22,036	-	-	-	-	*	280

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Detroit Edison Co (The)	**3,286,015**	**7,815**	**14,467**	**-**	**809,899**	**-**	**1,607**	**14**	**483**
Beacon Heating (MI)	-	-	-2,990	-	-	-	-	-	-
Belle River (MI)	824,127	711	4,526	-	-	-	450	1	59
Central Storage (MI)	-	-	-	-	-	-	-	-	-
Colfax (MI)	-	-19	-	-	-	-	-	*	-
Conners Creek (MI)	-	-39	-298	-	-	-	-	-	-
Dayton (MI)	-	-32	-	-	-	-	-	*	-
Delray (MI)	-	-	-	-	-	-	-	-	-
Enrico Fermi (MI)	-	-16	-	-	809,899	-	-	*	-
Greenwood (MI)	-	-	1,301	-	-	-	-	-	38
Hancock (MI)	-	-	-28	-	-	-	-	-	-
Harbor Beach (MI)	14,324	201	-	-	-	-	6	*	-
Marysville (MI)	-6	-	-6	-	-	-	-	-	-
Monroe (MI)	1,209,214	1,430	-	-	-	-	528	2	-
Northeast (MI)	-	-9	-30	-	-	-	-	*	*
Oliver (MI)	-	-40	-	-	-	-	-	*	-
Placid (MI)	-	-36	-	-	-	-	-	*	-
Putnam (MI)	-	-36	-	-	-	-	-	*	-
River Rouge (MI)	313,529	-	9,687	-	-	-	143	-	362
Slocum (MI)	-	-49	-	-	-	-	-	-	-
St. Clair (MI)	583,897	5,350	2,305	-	-	-	310	9	24
Superior (MI)	-	-32	-	-	-	-	-	*	-
Trenton Channel (MI)	340,930	468	-	-	-	-	170	1	-
Wilmott (MI)	-	-37	-	-	-	-	-	*	-
Douglas Pub Util Dist #1	**-**	**-**	**-**	**339,399**	**-**	**-**	**-**	**-**	**-**
Wells (WA)	-	-	-	339,399	-	-	-	-	-
Dover (City of)	**6,816**	**-**	**208**	**-**	**-**	**-**	**4**	**-**	**3**
Dover (OH)	6,816	-	208	-	-	-	4	-	3
Dover Electric Dept.	**-**	**2,917**	**20**	**-**	**-**	**-**	**-**	**5**	**2**
Mckee Run (DE)	-	1,872	20	-	-	-	-	3	2
Van Sant (DE)	-	1,045	-	-	-	-	-	2	-
Duke Power Co	**3,445,269**	**3,027**	**-**	**47,108**	**4,610,325**	**-**	**1,305**	**11**	**-**
99 Islands (SC)	-	-	-	3,655	-	-	-	-	-
Allen (NC)	402,203	1,413	-	-	-	-	161	2	-
Bad Creek (SC)	-	-	-	-44,092	-	-	-	-	-
Bear Creek (NC)	-	-	-	1,730	-	-	-	-	-
Belews Creek (NC)	1,519,811	1,374	-	-	-	-	558	2	-
Bridgewater (NC)	-	-	-	3,616	-	-	-	-	-
Bryson (NC)	-	-	-	-8	-	-	-	-	-
Buck (NC)	66,864	-30	-	-	-	-	32	1	-
Buzzard Roost (SC)	-	-68	-	-	-	-	-	*	-
Catawba (SC)	-	-	-	-	1,650,216	-	-	-	-
Cedar Cliff (NC)	-	-	-	1,171	-	-	-	-	-
Cedar Creek (SC)	-	-	-	8,177	-	-	-	-	-
Cliffside (NC)	315,298	51	-	-	-	-	123	*	-
Cowans Ford (NC)	-	-	-	3,871	-	-	-	-	-
Dan River (NC)	13,037	-71	-	-	-	-	5	1	-
Dearborn (SC)	-	-	-	10,717	-	-	-	-	-
Dillsboro (NC)	-	-	-	24	-	-	-	-	-
Fishing Creek (SC)	-	-	-	8,498	-	-	-	-	-
Franklin (NC)	-	-	-	-40	-	-	-	-	-
Gaston Shoals (SC)	-	-	-	1,758	-	-	-	-	-
Great Falls (SC)	-	-	-	568	-	-	-	-	-
Jocassee (SC)	-	-	-	-15,523	-	-	-	-	-
Keowee (SC)	-	-	-	4,910	-	-	-	-	-
Lee (SC)	43,647	-32	-	-	-	-	19	1	-
Lincoln (NC)	-	-652	-	-	-	-	-	1	-
Lookout Shoals (NC)	-	-	-	5,568	-	-	-	-	-
Marshall (NC)	1,001,837	1,164	-	-	-	-	370	2	-
Mc Guire (NC)	-	-	-	-	1,654,342	-	-	-	-
Mission (NC)	-	-	-	-3	-	-	-	-	-
Mountain Island (NC)	-	-	-	2,734	-	-	-	-	-
Nantahala (NC)	-	-	-	-34	-	-	-	-	-
Oconee (SC)	-	-	-	-	1,305,767	-	-	-	-
Oxford (NC)	-	-	-	8,326	-	-	-	-	-
Queens Creek (NC)	-	-	-	459	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Duke Power Co (Continued)									
Rhodhiss (NC)	-	-	-	4,369	-	-	-	-	-
Riverbend (NC)	82,572	-122	-	-	-	-	38	1	-
Rocky Creek (SC)	-	-	-	573	-	-	-	-	-
Tennessee Creek (NC)	-	-	-	3,179	-	-	-	-	-
Thorpe (NC)	-	-	-	8,985	-	-	-	-	-
Tuckasegee (NC)	-	-	-	932	-	-	-	-	-
Tuxedo (NC)	-	-	-	1,769	-	-	-	-	-
Wateree (SC)	-	-	-	14,749	-	-	-	-	-
Wylie (SC)	-	-	-	6,470	-	-	-	-	-
East Kentucky Power Coop	**701,697**	**958**	**1,887**	**-**	**-**	**-**	**305**	**1**	**30**
Cooper (KY)	177,347	100	-	-	-	-	74	*	-
Dale (KY)	110,836	103	-	-	-	-	51	*	-
Smith (KY)	-	-	1,887	-	-	-	-	-	30
Spurlock, H L (KY)	413,514	755	-	-	-	-	180	1	-
El Paso Electric Co	**-**	**-**	**145,751**	**-**	**-**	**-**	**-**	**-**	**1,643**
Copper (TX)	-	-	1,126	-	-	-	-	-	15
Newman (TX)	-	-	89,488	-	-	-	-	-	983
Rio Grande (NM)	-	-	55,137	-	-	-	-	-	644
Electric Energy Inc	**680,928**	**-**	**2,005**	**-**	**-**	**-**	**407**	**-**	**29**
Joppa Steam (IL)	680,928	-	2,005	-	-	-	407	-	29
Empire District Elec Co	**131,877**	**181**	**29,113**	**5,518**	**-**	**1,469**	**82**	**-**	**303**
Asbury (MO)	92,039	181	-	-	-	1,469	54	*	-
Energy Center (MO)	-	-	-85	-	-	-	-	-	1
Ozark Beach (MO)	-	-	-	5,518	-	-	-	-	-
Riverton (KS)	39,838	-	749	-	-	-	28	-	12
State Line (MO)	-	-	28,449	-	-	-	-	-	289
Energy Northwest	**-**	**-**	**-**	**1,928**	**806,991**	**-**	**-**	**-**	**-**
Packwood (WA)	-	-	-	1,928	-	-	-	-	-
WNP-2 (WA)	-	-	-	-	806,991	-	-	-	-
Eugene (City of)	**-**	**-**	**-**	**15,310**	**-**	**-**	**-**	**-**	**-**
Carmen (OR)	-	-	-	11,825	-	-	-	-	-
Leaburg (OR)	-	-	-	3,485	-	-	-	-	-
Walterville (OR)	-	-	-	-	-	-	-	-	-
Willamette (OR)	-	-	-	-	-	-	-	-	-
Fayetteville (City of)	**-**	**-**	**382**	**-**	**-**	**-**	**-**	**-**	**9**
Pod #2 (NC)	-	-	382	-	-	-	-	-	9
Florida Power & Light Co	**-**	**1,115,981**	**2,596,13**	**-**	**2,257,716**	**-**	**-**	**1,791**	**18,792**
Cape Canaveral (FL)	-	140,857	44,336	-	-	-	-	216	459
Cutler (FL)	-	-	3,632	-	-	-	-	-	11
Fort Meyers (FL)	-	1,849	799,905	-	-	-	-	5	5,230
Lauderdale (FL)	-	783	490,794	-	-	-	-	3	3,852
Manatee (FL)	-	345,863	-	-	-	-	-	564	-
Martin (FL)	-	223,731	487,288	-	-	-	-	352	3,166
Port Everglades (FL)	-	182,727	43,685	-	-	-	-	298	467
Putnam (FL)	-	-	195,553	-	-	-	-	-	1,665
Riviera (FL)	-	111,746	43,035	-	-	-	-	179	481
Sanford (FL)	-	8,500	391,431	-	-	-	-	15	2,528
St. Lucie (FL)	-	-	-	-	1,224,764	-	-	-	-
Turkey Point (FL)	-	99,925	96,476	-	1,032,952	-	-	157	934
Florida Power Corporation	**475,911**	**368,154**	**437,044**	**-**	**543,833**	**-**	**184**	**592**	**3,612**
Anclote (FL)	-	187,661	1,048	-	-	-	-	302	13
Avon Park (FL)	-	109	434	-	-	-	-	*	7
Bartow, P L (FL)	-	158,675	2,132	-	-	-	-	240	45
Bayboro (FL)	-	2,515	-	-	-	-	-	6	-
Crystal River (FL)	475,911	6,154	-	-	543,833	-	184	10	-
Debary (FL)	-	5,065	22,798	-	-	-	-	15	307
Higgins (FL)	-	-	2,214	-	-	-	-	-	36
Hines Energy (FL)	-	-	208,715	-	-	-	-	-	1,450
Intercession City (FL)	-	5,200	31,579	-	-	-	-	11	393
Port St. Joe (FL)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Florida Power Corporation (Continued)									
Rio Pinar (FL)	-	118	-	-	-	-	-	*	-
Suwannee River (FL)	-	952	3,085	-	-	-	-	2	44
Tiger Bay (FL)	-	-	134,918	-	-	-	-	-	1,003
Turner, G E (FL)	-	1,705	-	-	-	-	-	5	-
Univ Proj (FL)	-	-	30,121	-	-	-	-	-	314
Fort Pierce (City of)	**-**	**1**	**655**	**-**	**-**	**-**	**-**	**-**	**16**
King (FL)	-	1	655	-	-	-	-	*	16
Fremont (City of)	**34,529**	**-**	**962**	**-**	**-**	**-**	**23**	**-**	**11**
Lon Wright (NE)	34,529	-	962	-	-	-	23	-	11
Gainesville (City of)	**81,965**	**672**	**44,860**	**-**	**-**	**-**	**36**	**1**	**513**
Deerhaven (FL)	81,965	654	30,620	-	-	-	36	1	340
Kelly, J R (FL)	-	18	14,240	-	-	-	-	*	173
Garland Mun Utils (City)	**-**	**-**	**45,048**	**-**	**-**	**-**	**-**	**-**	**545**
Newman, C E (TX)	-	-	-	-	-	-	-	-	-
Olinger, Ray (TX)	-	-	45,048	-	-	-	-	-	545
Georgia Power Co	**4,816,854**	**5,983**	**215**	**134,597**	**2,105,609**	**-**	**2,020**	**11**	**3**
Arkwright (GA)	-157	-10	-	-	-	-	-	-	-
Atkinson (GA)	-	-	-	-	-	-	-	*	*
Barnett Shoals (GA)	-	-	-	413	-	-	-	-	-
Bartlett Ferry (GA)	-	-	-	32,866	-	-	-	-	-
Bowen (GA)	1,409,689	1,761	-	-	-	-	555	3	-
Burton (GA)	-	-	-	2,701	-	-	-	-	-
Dahlberg ((GA)	-	-	-	-	-	-	-	-	-
Estatoah (GA)	-	-	-	33	-	-	-	-	-
Flint River (GA)	-	-	-	3,406	-	-	-	-	-
Goat Rock (GA)	-	-	-	11,199	-	-	-	-	-
Hammond (GA)	346,093	1,160	-	-	-	-	141	2	-
Harllee Branch (GA)	667,010	1,171	-	-	-	-	271	2	-
Hatch, Edwin I. (GA)	-	-	-	-	1,253,611	-	-	-	-
Langdale (GA)	-	-	-	72	-	-	-	-	-
Lloyd Shoals (GA)	-	-	-	8,162	-	-	-	-	-
Mcdonough, J (GA)	164,733	118	116	-	-	-	66	*	1
Mcmanus (GA)	-	-223	-	-	-	-	-	1	-
Mitchell, W (GA)	42,449	-6	-	-	-	-	18	*	-
Morgan Falls (GA)	-	-	-	2,573	-	-	-	-	-
Nacoochee (GA)	-	-	-	1,643	-	-	-	-	-
North Highlands (GA)	-	-	-	9,300	-	-	-	-	-
Oliver Dam (GA)	-	-	-	15,789	-	-	-	-	-
Riverview (GA)	-	-	-	64	-	-	-	-	-
Robins (GA)	-	-	99	-	-	-	-	-	2
Scherer (GA)	1,366,259	169	-	-	-	-	648	*	-
Sinclair Dam (GA)	-	-	-	13,568	-	-	-	-	-
Tallulah Falls (GA)	-	-	-	17,463	-	-	-	-	-
Terrora (GA)	-	-	-	5,422	-	-	-	-	-
Tugalo (GA)	-	-	-	11,673	-	-	-	-	-
Vogtle (GA)	-	-	-	-	851,998	-	-	-	-
Wallace Dam (GA)	-	-	-	-7,238	-	-	-	-	-
Wansley (GA)	596,612	824	-	-	-	-	227	1	-
Wilson (GA)	-	-3	-	-	-	-	-	1	-
Yates (GA)	224,166	1,022	-	-	-	-	93	2	-
Yonah (GA)	-	-	-	5,488	-	-	-	-	-
Glendale (City of)	**-**	**-**	**8,101**	**-**	**-**	**6,296**	**-**	**-**	**105**
Grayson (CA)	-	-	8,101	-	-	6,296	-	-	105
Golden Valley Elec Assn	**16,253**	**33,168**	**-**	**-**	**-**	**-**	**16**	**61**	**-**
Fairbanks (AK)	-	298	-	-	-	-	-	1	-
Healy (AK)	16,253	20	-	-	-	-	16	*	-
North Pole (AK)	-	32,850	-	-	-	-	-	60	-
Grand Haven (City of)	**27,679**	**-**	**-**	**-**	**-**	**-**	**11**	**-**	**-**
Harbor Avenue (MI)	-	-	-	-	-	-	-	-	-
J B Simms (MI)	27,679	-	-	-	-	-	11	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Grand Island (City of)	**33,042**	**366**	**8,166**	**-**	**-**	**-**	**21**	**1**	**79**
Burdick, C W (NE)	-	71	8,166	-	-	-	-	*	79
Platte (NE)	33,042	295	-	-	-	-	21	1	-
Grand River Dam Authority	**490,755**	**79**	**984**	**-10,781**	**-**	**-**	**324**	**-**	**16**
GRDA No 1 (OK)	490,755	79	984	-	-	-	324	*	16
Markham (OK)	-	-	-	-289	-	-	-	-	-
Pensacola (OK)	-	-	-	1,410	-	-	-	-	-
Salina (OK)	-	-	-	-11,902	-	-	-	-	-
Grant Pub Util Dist #2	**-**	**-**	**-**	**783,695**	**-**	**-**	**-**	**-**	**-**
Pec Hdwks (WA)	-	-	-	-	-	-	-	-	-
Priest Rapids (WA)	-	-	-	397,795	-	-	-	-	-
Quincy Chut (WA)	-	-	-	-	-	-	-	-	-
Wanapum (WA)	-	-	-	385,900	-	-	-	-	-
Green Mountain Power Corp	**-**	**13**	**-**	**11,096**	**-**	**856**	**-**	**-**	**-**
Berlin (VT)	-	-	-	-	-	-	-	-	-
Bolton Falls (VT)	-	-	-	2,233	-	-	-	-	-
Colchester (VT)	-	-	-	-	-	-	-	-	-
Essex Junction 19 (VT)	-	-	-	3,695	-	-	-	-	-
Gorge 18 (VT)	-	-	-	1,117	-	-	-	-	-
Marshfield 6 (VT)	-	-	-	671	-	-	-	-	-
Middlesex 2 (VT)	-	-	-	1,199	-	-	-	-	-
Searsburg (VT)	-	-	-	-	-	856	-	-	-
Vergennes 9 (VT)	-	13	-	835	-	-	-	*	-
Waterbury 22 (VT)	-	-	-	939	-	-	-	-	-
West Danville 15 (VT)	-	-	-	407	-	-	-	-	-
Gulf Power Company	**557,727**	**552**	**218,632**	**-**	**-**	**-**	**254**	**1**	**1,529**
Crist (FL)	357,734	341	425	-	-	-	164	1	5
Scholz (FL)	27,537	15	-	-	-	-	14	*	-
Smith (FL)	172,456	196	218,207	-	-	-	77	*	1,525
Gulf States Utilities Co	**341,818**	**837**	**695,419**	**8,298**	**716,887**	**-**	**196**	**2**	**7,738**
Lewis Creek (TX)	-	-	104,243	-	-	-	-	-	1,107
Louisiana 1 (LA)	-	-	-	-	-	-	-	-	-
Nelson, R S (LA)	341,818	833	140,592	-	-	-	196	2	1,964
River Bend (LA)	-	-	-	-	716,887	-	-	-	-
Sabine (TX)	-	4	450,584	-	-	-	-	*	4,667
Toledo Bend (TX)	-	-	-	8,298	-	-	-	-	-
Willow Glen (LA)	-	-	-	-	-	-	-	-	-
Hamilton (City of)	**21,790**	**6**	**432**	**31,004**	**-**	**-**	**12**	**-**	**6**
Hamilton (OH)	21,790	6	432	-	-	-	12	*	6
Hamilton Hydro (OH)	-	-	-	124	-	-	-	-	-
Vanceburg Hydro (KY)	-	-	-	30,880	-	-	-	-	-
Hastings (City of)	**46,472**	**-**	**-194**	**-**	**-**	**-**	**31**	**-**	**-**
Don Henry (NE)	-	-	-40	-	-	-	-	-	*
North Denver (NE)	-	-	-154	-	-	-	-	-	-
Whelan (NE)	46,472	-	-	-	-	-	31	-	-
Hawaii Electric Light Co	**-**	**38,656**	**-**	**-9**	**-**	**141**	**-**	**86**	**-**
Kanoelehua (HI)	-	402	-	-	-	-	-	1	-
Keahole (HI)	-	5,896	-	-	-	-	-	15	-
Lalamilo (HI)	-	-	-	-	-	141	-	-	-
Puma (HI)	-	8,375	-	-	-	-	-	18	-
Puueo (HI)	-	-	-	-4	-	-	-	-	-
Shipman (HI)	-	2,712	-	-	-	-	-	8	-
W. H. Hill (HI)	-	20,706	-	-	-	-	-	44	-
Waiau (HI)	-	-	-	-5	-	-	-	-	-
Waimea (HI)	-	565	-	-	-	-	-	1	-
Hawaiian Elec Co Inc	**-**	**373,651**	**-**	**-**	**-**	**-**	**-**	**611**	**-**
Honolulu (HI)	-	5,487	-	-	-	-	-	13	-
Kahe (HI)	-	274,554	-	-	-	-	-	440	-
Oil Storage (CA)	-	-	-	-	-	-	-	-	-
Waiau (HI)	-	93,610	-	-	-	-	-	158	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Hetch Hetchy Water & Pwr	**-**	**-**	**-**	**86,337**	**-**	**-**	**-**	**-**	**-**
Holm, Dion R (CA)	-	-	-	50,238	-	-	-	-	-
Kirkwood, Robert C (CA)	-	-	-	19,026	-	-	-	-	-
Moccasin (CA)	-	-	-	17,073	-	-	-	-	-
Moccasin Low (CA)	-	-	-	-	-	-	-	-	-
Holland (City of)	**24,183**	**-**	**695**	**-**	**-**	**-**	**12**	**-**	**9**
48 Street (MI)	-	-	643	-	-	-	-	-	8
6Th Street (MI)	-	-	-	-	-	-	-	-	-
James De Young (MI)	24,183	-	52	-	-	-	12	-	1
Homestead (City of)	**-**	**167**	**3,173**	**-**	**-**	**-**	**-**	**1**	**34**
G W Ivey (FL)	-	167	3,173	-	-	-	-	1	34
Hoosier Energy Rural	**699,691**	**604**	**-**	**-**	**-**	**-**	**334**	**1**	**-**
Merom (IN)	582,837	523	-	-	-	-	281	1	-
Ratts (IN)	116,854	81	-	-	-	-	54	*	-
Hutchinson (City of)	**-**	**42**	**373**	**-**	**-**	**-**	**-**	**-**	**4**
Plant No. 1 (MN)	-	42	373	-	-	-	-	*	4
Plant No. 2 (MN)	-	-	-	-	-	-	-	-	-
Idaho Power Co	**-**	**-**	**-120**	**400,342**	**-**	**-**	**-**	**-**	**-**
American Falls (ID)	-	-	-	-167	-	-	-	-	-
Bliss (ID)	-	-	-	24,246	-	-	-	-	-
Brownlee (ID)	-	-	-	111,044	-	-	-	-	-
Cascade (ID)	-	-	-	779	-	-	-	-	-
Clear Lake (ID)	-	-	-	1,255	-	-	-	-	-
Hells Canyon (OR)	-	-	-	99,832	-	-	-	-	-
Lower Malad (ID)	-	-	-	8,556	-	-	-	-	-
Lower Salmon (ID)	-	-	-	17,796	-	-	-	-	-
Milner (ID)	-	-	-	2,724	-	-	-	-	-
Mountain Home (ID)	-	-	-120	-	-	-	-	-	*
Oxbow (OR)	-	-	-	50,016	-	-	-	-	-
Salmon (ID)	-	-	-	-	-	-	-	-	-
Shoshone Falls (ID)	-	-	-	8,808	-	-	-	-	-
Strike, C J (ID)	-	-	-	33,705	-	-	-	-	-
Swan Falls (ID)	-	-	-	9,300	-	-	-	-	-
Thousand Springs (ID)	-	-	-	4,532	-	-	-	-	-
Twin Falls (ID)	-	-	-	5,219	-	-	-	-	-
Upper Malad (ID)	-	-	-	4,716	-	-	-	-	-
Upper Salmon (ID)	-	-	-	9,348	-	-	-	-	-
Upper Salmon (ID)	-	-	-	8,633	-	-	-	-	-
IES Utilities Co	**958,539**	**1,524**	**11,282**	**427**	**414,668**	**4,029**	**664**	**4**	**360**
6Th Street (IA)	8,026	-	3,624	-	-	860	16	-	139
Agency GT (IA)	-	-	-	-	-	-	-	-	-
Ames (IA)	-	-	-	-	-	-	-	-	-
Anamosa (IA)	-	-	-	54	-	-	-	-	-
Arnold, Duane (IA)	-	-	-	-	414,668	-	-	-	-
Burlington (IA)	93,123	-	528	-	-	-	60	-	6
Centerville (IA)	-	-85	-	-	-	-	-	-	-
Dubuque (IA)	20,956	-7	211	-	-	-	12	*	3
Fox Lake (MN)	-	-13	1,201	-	-	-	-	-	19
Grinnell (IA)	-	-	-69	-	-	-	-	-	1
Hills (MN)	-	-16	-	-	-	-	-	-	-
Iowa Falls (IA)	-	-	-	7	-	-	-	-	-
Kapp, M L (IA)	112,162	-	3	-	-	-	77	-	*
Lansing (IA)	128,259	206	-	-	-	-	89	*	-
Lime Creek (IA)	-	311	-	-	-	-	-	1	-
Maquoketa (IA)	-	-	-	366	-	-	-	-	-
Marshalltown (IA)	-	679	-	-	-	-	-	2	-
Montgomery (MN)	-	-14	-	-	-	-	-	-	-
New Albin (IA)	-	-	-	-	-	-	-	-	-
Ottumwa (IA)	448,610	458	-	-	-	-	285	1	-
Prairie Creek (IA)	83,099	5	1,186	-	-	3,169	83	*	17
Red Cedar (IA)	-	-	979	-	-	-	-	-	133
Sutherland (IA)	64,304	-	3,619	-	-	-	41	-	43
Imperial Irrigation Dist	**-**	**-**	**4,447**	**15,701**	**-**	**-**	**-**	**-**	**61**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Imperial Irrigation Dist (Continued)									
Brawley (CA)	-	-	-	-	-	-	-	-	-
Coachella (CA)	-	-	184	-	-	-	-	-	3
Double Weir (CA)	-	-	-	-	-	-	-	-	-
Drop 2 (CA)	-	-	-	3,342	-	-	-	-	-
Drop 3 (CA)	-	-	-	2,489	-	-	-	-	-
Drop 4 (CA)	-	-	-	6,594	-	-	-	-	-
Drop No 1 (CA)	-	-	-	1,473	-	-	-	-	-
Drop No. 5 (CA)	-	-	-	797	-	-	-	-	-
E Highline (CA)	-	-	-	488	-	-	-	-	-
El Centro (CA)	-	-	3,918	-	-	-	-	-	52
Pilot Knob (CA)	-	-	-	417	-	-	-	-	-
Rockwood (CA)	-	-	345	-	-	-	-	-	5
Turnip (CA)	-	-	-	101	-	-	-	-	-
Independence (City of)	**-800**	**25**	**27**	**-**	**-**	**-**	**-**	**-**	**1**
Blue Valley (MO)	-491	-	23	-	-	-	-	-	1
Jackson Square (MO)	-	5	-	-	-	-	-	*	-
Missouri City (MO)	-309	-	-	-	-	-	-	-	-
Station H (MO)	-	-	4	-	-	-	-	-	*
Station I (MO)	-	20	-	-	-	-	-	*	-
Indiana Michigan Power Co	**2,041,930**	**1,975**	**-**	**5,275**	**1,517,887**	**-**	**1,036**	**4**	**-**
Berrien Springs (MI)	-	-	-	1,674	-	-	-	-	-
Buchanan (MI)	-	-	-	862	-	-	-	-	-
Constantine (MI)	-	-	-	238	-	-	-	-	-
Cook, Donald C. (MI)	-	-	-	-	1,517,887	-	-	-	-
Elkhart (IN)	-	-	-	849	-	-	-	-	-
Fourth Street (IN)	-	-	-	-	-	-	-	-	-
Mottville (MI)	-	-	-	270	-	-	-	-	-
Rockport (IN)	1,571,189	1,206	-	-	-	-	836	3	-
Tanners Creek (IN)	470,741	769	-	-	-	-	200	1	-
Twin Branch (IN)	-	-	-	1,382	-	-	-	-	-
Indiana Mun Power Agency	**-**	**127**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Anderson (IN)	-	127	-	-	-	-	-	*	-
Indiana-Kentucky El Corp	**637,711**	**537**	**-**	**-**	**-**	**-**	**335**	**1**	**-**
Clifty Creek (IN)	637,711	537	-	-	-	-	335	1	-
Indianapolis Pwr & Lgt Co	**1,397,827**	**1,400**	**573**	**-**	**-**	**-**	**672**	**3**	**15**
Georgetown (IA)	-	-	59	-	-	-	-	-	3
Petersburg (IN)	1,010,761	700	-	-	-	-	470	1	-
Pritchard, H T (IN)	76,312	215	-	-	-	-	42	*	-
Stout, Elmer W (IN)	310,754	485	514	-	-	-	161	2	12
International Bound & Water Comm	**-**	**-**	**-**	**416**	**-**	**-**	**-**	**-**	**-**
Amistad (TX)	-	-	-	-110	-	-	-	-	-
Falcon (TX)	-	-	-	526	-	-	-	-	-
Interstate Power Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Dubuque (IA)	-	-	-	-	-	-	-	-	-
Fox Lake (MN)	-	-	-	-	-	-	-	-	-
Hills (MN)	-	-	-	-	-	-	-	-	-
Kapp, M L (IA)	-	-	-	-	-	-	-	-	-
Lansing (IA)	-	-	-	-	-	-	-	-	-
Lime Creek (IA)	-	-	-	-	-	-	-	-	-
Montgomery (MN)	-	-	-	-	-	-	-	-	-
New Albin (IA)	-	-	-	-	-	-	-	-	-
Jacksonville (City of)	**682,292**	**195,524**	**45,752**	**-**	**-**	**790**	**268**	**135**	**564**
Brandy Branch (FL)	-	7	14,986	-	-	-	-	*	176
Girvin Road (FL)	-	-	-	-	-	750	-	-	-
Kennedy, J D (FL)	-	-68	3,195	-	-	-	-	-	39
Northside (FL)	-	37,543	27,571	-	-	40	-	78	349
Southside (FL)	-	-	-	-	-	-	-	-	-
St. Johns River (FL)	682,292	158,042	-	-	-	-	268	57	-
Jamestown (City of)	**17,522**	**36**	**-**	**-**	**-**	**-**	**11**	**-**	**-**
Carlson, S A (NY)	17,522	36	-	-	-	-	11	*	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Jersey Central Power&Light Co	**-**	**90**	**2,311**	**-12,579**	**-**	**-**	**-**	**-**	**30**
Forked River (NJ)	-	90	2,311	-	-	-	-	*	30
Yards Creek (NJ)	-	-	-	-12,579	-	-	-	-	-
Kansas City (City of)	**94,233**	**456**	**7,762**	**-**	**-**	**-**	**65**	**2**	**108**
Kaw (KS)	-	-	-	-	-	-	-	-	-
Nearman Creek (KS)	33,624	456	-	-	-	-	26	2	-
Quindaro (KS)	60,609	-	7,762	-	-	-	39	-	108
Kansas City Pwr & Lgt Co	**1,952,124**	**2,876**	**831**	**-**	**-**	**-**	**1,183**	**6**	**13**
Grand Ave (MO)	-	-	-	-	-	-	-	-	-
Hawthorn (MO)	370,500	-	831	-	-	-	222	-	13
Iatan (MO)	470,232	107	-	-	-	-	271	*	-
La Cygne (KS)	889,770	1,286	-	-	-	-	545	2	-
Montrose (MO)	221,622	1,836	-	-	-	-	144	4	-
Northeast (MO)	-	-353	-	-	-	-	-	*	-
Kauai Electric Company	**-**	**16,358**	**-**	**-**	**-**	**-**	**-**	**30**	**-**
Port Allen (HI)	-	16,358	-	-	-	-	-	30	-
Kentucky Power Co	**96,749**	**1,306**	**-**	**-**	**-**	**-**	**37**	**2**	**-**
Big Sandy (KY)	96,749	1,306	-	-	-	-	37	2	-
Kentucky Utilities Co	**1,159,627**	**2,350**	**7,780**	**9**	**-**	**-**	**527**	**4**	**102**
Brown, E W (KY)	190,975	1,088	7,820	-	-	-	85	2	102
Dix Dam (KY)	-	-	-	11	-	-	-	-	-
Ghent (KY)	873,395	794	-	-	-	-	393	2	-
Green River (KY)	74,379	216	-	-	-	-	39	*	-
Haefling (KY)	-	-	-40	-	-	-	-	-	-
Lock 7 (KY)	-	-	-	-2	-	-	-	-	-
Pineville (KY)	-	-	-	-	-	-	-	-	-
Tyrone (KY)	20,878	252	-	-	-	-	11	1	-
Key West (City of)	**-**	**262**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Big Pine (FL)	-	-	-	-	-	-	-	-	-
Cudjoe (FL)	-	70	-	-	-	-	-	*	-
Key West (FL)	-	6	-	-	-	-	-	*	-
Stock Island (FL)	-	-	-	-	-	-	-	*	-
Stock Island D 1 (FL)	-	186	-	-	-	-	-	*	-
KeySpan Energy	**-**	**662,488**	**247,437**	**-**	**-**	**-**	**-**	**1,051**	**2,668**
Barrett, E F (NY)	-	-	136,301	-	-	-	-	-	1,471
Brookhaven (NY)	-	27,499	-	-	-	-	-	57	-
East Hampton (NY)	-	248	-	-	-	-	-	1	-
Far Rockway (NY)	-	-	33,967	-	-	-	-	-	362
Glenwood (NY)	-	111	27,884	-	-	-	-	*	348
Holbrook (NY)	-	15,803	-	-	-	-	-	33	-
Montauk (NY)	-	10	-	-	-	-	-	*	-
Northport (NY)	-	531,668	45,150	-	-	-	-	820	446
Port Jefferson (NY)	-	87,012	4,135	-	-	-	-	140	42
Shoreham (NY)	-	72	-	-	-	-	-	*	-
Southhampton (NY)	-	-4	-	-	-	-	-	-	-
Southold (NY)	-	10	-	-	-	-	-	*	-
West Babylon (NY)	-	59	-	-	-	-	-	*	-
KG&E - Western Resources	**-**	**15,132**	**2,053**	**-**	**-**	**-**	**-**	**28**	**29**
Evans, Gordon (KS)	-	14,858	2,169	-	-	-	-	26	27
Gill, Murray (KS)	-	274	56	-	-	-	-	1	2
Neosho (KS)	-	-	-172	-	-	-	-	-	-
Kings River Conserv Dist	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pine Flat (CA)	-	-	-	-	-	-	-	-	-
Kissimmee (City of)	**-**	**3**	**51,931**	**-**	**-**	**-**	**-**	**-**	**590**
Cane Island (FL)	-	-	47,588	-	-	-	-	-	524
Kissimmee (FL)	-	3	4,343	-	-	-	-	*	66
KPL - Western Resources	**1,721,300**	**1,116**	**513**	**-**	**-**	**-**	**1,134**	**2**	**12**
Abilene (KS)	-	-	-50	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
KPL - Western Resources (Continued)									
Hutchinson (KS)	-	-94	-173	-	-	-	-	*	3
Jeffrey (KS)	1,291,397	1,210	-	-	-	-	848	2	-
Lawrence (KS)	305,879	-	223	-	-	-	208	-	3
Tecumseh (KS)	124,024	-	513	-	-	-	77	-	6
Lafayette Util Sys (City)	**-**	**-**	**42,873**	**-**	**-**	**-**	**-**	**-**	**461**
Doc Bonin (LA)	-	-	42,873	-	-	-	-	-	461
Rodemacher (LA)	-	-	-	-	-	-	-	-	-
Lake Worth (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Smith, Tom G (FL)	-	-	-	-	-	-	-	-	-
Lakeland (City of)	**184,535**	**35,795**	**162,655**	**-**	**-**	**1,023**	**72**	**15**	**1,199**
Larsen Memorial (FL)	-	-55	38	-	-	-	-	1	1
Mcintosh, C D (FL)	184,535	35,850	162,617	-	-	1,023	72	14	1,198
Lansing (City of)	**177,856**	**-**	**-**	**-**	**-**	**-**	**118**	**-**	**-**
Eckert Station (MI)	119,448	-	-	-	-	-	84	-	-
Erickson (MI)	58,408	-	-	-	-	-	34	-	-
Moores Park (MI)	-	-	-	-	-	-	-	-	-
Lincoln (City of)	**-**	**-**	**10**	**-**	**-**	**208**	**-**	**-**	**-**
Lincoln J Street (NE)	-	-	-	-	-	-	-	-	-
Rokeby (NE)	-	-	10	-	-	-	-	-	*
Salt Valley (NE)	-	-	-	-	-	208	-	-	-
Logansport (City of)	**10,289**	**-**	**-**	**-**	**-**	**-**	**5**	**-**	**-**
Logansport (IN)	10,289	-	-	-	-	-	5	-	-
Los Angeles (City of)	**1,232,430**	**285**	**242,981**	**78,201**	**-**	**-**	**474**	**-**	**2,575**
Big Pine Creek (CA)	-	-	-	296	-	-	-	-	-
Castaic (CA)	-	-	-	50,395	-	-	-	-	-
Control Gorge (CA)	-	-	-	8,080	-	-	-	-	-
Cottonwood (CA)	-	-	-	308	-	-	-	-	-
Division Creek (CA)	-	-	-	-2	-	-	-	-	-
Foothill (CA)	-	-	-	-1	-	-	-	-	-
Franklin Canyon (CA)	-	-	-	-1	-	-	-	-	-
Haiwee (CA)	-	-	-	-7	-	-	-	-	-
Harbor (CA)	-	-	8,498	-	-	-	-	-	100
Haynes (CA)	-	-	160,317	-	-	-	-	-	1,710
Intermountain (UT)	1,232,430	285	-	-	-	-	474	*	-
Middle Gorge (CA)	-	-	-	7,583	-	-	-	-	-
Pleasant Valley (CA)	-	-	-	20	-	-	-	-	-
San Fernando (CA)	-	-	-	-5	-	-	-	-	-
San Francisquito 1 (CA)	-	-	-	3,428	-	-	-	-	-
San Francisquito 2 (CA)	-	-	-	-	-	-	-	-	-
Sawtelle (CA)	-	-	-	223	-	-	-	-	-
Scattergood (CA)	-	-	68,774	-	-	-	-	-	708
Upper Gorge (CA)	-	-	-	7,884	-	-	-	-	-
Valley (CA)	-	-	5,392	-	-	-	-	-	57
Louisiana Pwr & Light Co	**-**	**-**	**560,606**	**-**	**795,559**	**-**	**-**	**-**	**6,369**
Buras (LA)	-	-	-	-	-	-	-	-	-
Little Gypsy (LA)	-	-	67,244	-	-	-	-	-	785
Monroe (LA)	-	-	-82	-	-	-	-	-	-
Nine Mile Point (LA)	-	-	398,030	-	-	-	-	-	4,278
Sterlington (LA)	-	-	62,893	-	-	-	-	-	664
Waterford (LA)	-	-	-	-	795,559	-	-	-	-
Waterford (LA)	-	-	32,521	-	-	-	-	-	641
Louisville Gas & Elec Co	**1,179,333**	**480**	**8,401**	**21,368**	**-**	**-**	**543**	**1**	**96**
Cane Run (KY)	262,888	-	1,429	-	-	-	123	-	16
Mill Creek (KY)	606,616	-	4,824	-	-	-	287	-	56
Ohio Falls (KY)	-	-	-	21,368	-	-	-	-	-
Paddys Run (KY)	-	-	704	-	-	-	-	-	7
Trimble County (KY)	309,829	480	1,444	-	-	-	133	1	16
Waterside (KY)	-	-	-	-	-	-	-	-	-
Zorn (KY)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Lower Colorado River Auth	**747,664**	**1,300**	**138,575**	**6,891**	**-**	**-**	**456**	**3**	**1,370**
Austin (TX)	-	-	-	835	-	-	-	-	-
Buchanan (TX)	-	-	-	278	-	-	-	-	-
Granite Shoals (TX)	-	-	-	1,320	-	-	-	-	-
Inks (TX)	-	-	-	141	-	-	-	-	-
Mansfield (TX)	-	-	-	3,381	-	-	-	-	-
Marble Falls (TX)	-	-	-	936	-	-	-	-	-
Sam Seymour (TX)	747,664	1,300	-	-	-	-	456	3	-
Sim Gideon (TX)	-	-	118,782	-	-	-	-	-	1,143
T. C. Ferguson (TX)	-	-	19,793	-	-	-	-	-	227
Lubbock (City of)	**-**	**-**	**36,565**	**-**	**-**	**-**	**-**	**-**	**372**
Cooke (TX)	-	-	3,576	-	-	-	-	-	44
LP&L Co GEN	-	-	10,566	-	-	-	-	-	112
Massengale (TX)	-	-	22,423	-	-	-	-	-	216
Madison Gas & Elec Co	**23,553**	**19**	**10,764**	**-**	**-**	**2,661**	**15**	**-**	**146**
Blount Street (WI)	23,553	-	2,986	-	-	1,008	15	-	45
Fitchburg (WI)	-	-	228	-	-	-	-	-	4
Marinette (WI)	-	19	7,520	-	-	-	-	*	95
Nine Springs (WI)	-	-	-	-	-	-	-	-	-
Sycamore (WI)	-	-	30	-	-	-	-	-	1
Wind Energy (WI)	-	-	-	-	-	1,653	-	-	-
Manitowoc (City of)	**15,533**	**3,261**	**100**	**-**	**-**	**-**	**10**	**2**	**1**
Custer St (WI)	-	-	-	-	-	-	-	-	-
Manitowoc (WI)	15,533	3,261	100	-	-	-	10	2	1
Marquette (City of)	**26,581**	**5,263**	**-**	**1,606**	**-**	**-**	**18**	**13**	**-**
Plant Four (MI)	-	5,215	-	-	-	-	-	13	-
Plant Two (MI)	-	-	-	1,275	-	-	-	-	-
Russell, Frank J (MI)	-	-	-	331	-	-	-	-	-
Shiras (MI)	26,581	48	-	-	-	-	18	*	-
Marshall (City of)	**-68**	**-17**	**-158**	**-**	**-**	**-**	**-**	**-**	**-**
Marshall (MO)	-68	-17	-158	-	-	-	-	-	-
Mass Mun Wholesale Elec	**-**	**96**	**240**	**-**	**-**	**-**	**-**	**1**	**7**
Stonybrook (MA)	-	96	240	-	-	-	-	1	7
Maui Electric Co Ltd	**-**	**94,696**	**-**	**-**	**-**	**-**	**-**	**163**	**-**
Cook (HI)	-	3,096	-	-	-	-	-	5	-
Kahului (HI)	-	18,475	-	-	-	-	-	41	-
Maalaea (HI)	-	70,744	-	-	-	-	-	112	-
Miki Basin (HI)	-	2,381	-	-	-	-	-	4	-
Mcpherson (City of)	**-**	**9**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
McPherson 3 (KS)	-	-	-	-	-	-	-	-	-
Plant No. 2 (KS)	-	9	-	-	-	-	-	*	-
Medina Electric Coop Inc	**-**	**-**	**2,937**	**-**	**-**	**-**	**-**	**-**	**41**
Pearsall (TX)	-	-	2,937	-	-	-	-	-	41
Merced Irrigation Dist	**-**	**-**	**-**	**3,860**	**-**	**-**	**-**	**-**	**-**
Canal Creek (CA)	-	-	-	-	-	-	-	-	-
Exchequer (CA)	-	-	-	3,821	-	-	-	-	-
Fairfield (CA)	-	-	-	1	-	-	-	-	-
Mcswain (CA)	-	-	-	38	-	-	-	-	-
Parker (CA)	-	-	-	-	-	-	-	-	-
Michigan So Cent Pwr Agen	**20,851**	**2,458**	**-**	**-**	**-**	**-**	**11**	**1**	**-**
Endicott (MI)	20,851	2,458	-	-	-	-	11	1	-
MidAmerican Energy	**1,515,912**	**1,010**	**7,079**	**1,027**	**-**	**-**	**930**	**2**	**94**
Coralville (IA)	-	-	-	-	-	-	-	-	-
Council Bluffs (IA)	464,436	542	346	-	-	-	283	1	4
Electrifarm (IA)	-	-	963	-	-	-	-	-	19
George Neal South (IA)	364,873	629	-	-	-	-	220	1	-
Louisa (IA)	398,604	1	1,123	-	-	-	241	*	11
Moline (IL)	-	-	9	1,027	-	-	-	-	2

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
MidAmerican Energy (Continued)									
Neal, George (IA)	225,345	-	2,458	-	-	-	138	-	26
Parr (IA)	-	-12	-12	-	-	-	-	-	-
Pleasant Hill (IA)	-	-111	-	-	-	-	-	-	-
River Hills (IA)	-	-	163	-	-	-	-	-	5
Riverside (IA)	62,654	-	2,068	-	-	-	49	-	28
Sycamore (IA)	-	-39	-39	-	-	-	-	-	-
Minnesota Power Inc	**638,852**	**837**	**-**	**40,499**	**-**	**-**	**386**	**1**	**-**
Blanchard (MN)	-	-	-	7,464	-	-	-	-	-
Boswell (MN)	597,428	741	-	-	-	-	359	1	-
Fond Du Lac (MN)	-	-	-	5,103	-	-	-	-	-
Hibbard, M L (MN)	-	-	-	-	-	-	-	-	-
Knife Falls (MN)	-	-	-	904	-	-	-	-	-
Laskin (MN)	41,424	96	-	-	-	-	28	*	-
Little Falls (MN)	-	-	-	3,126	-	-	-	-	-
Pillager (MN)	-	-	-	948	-	-	-	-	-
Prairie River (MN)	-	-	-	179	-	-	-	-	-
Scanlon (MN)	-	-	-	756	-	-	-	-	-
Sylvan (MN)	-	-	-	1,025	-	-	-	-	-
Thompson (MN)	-	-	-	19,874	-	-	-	-	-
Winton (MN)	-	-	-	1,120	-	-	-	-	-
Minnkota Power Coop Inc	**386,985**	**839**	**-**	**-**	**-**	**-**	**323**	**1**	**-**
Young, Milton R (ND)	386,985	839	-	-	-	-	323	1	-
Mississippi Power Co	**1,733,540**	**164**	**376,811**	**-**	**-**	**-**	**747**	**-**	**5,768**
Daniel, Victor J Jr. (MS)	1,165,520	164	268,696	-	-	-	498	*	3,271
Eaton (MS)	-	-	-104	-	-	-	-	-	-
Standard Oil (MS)	-	-	93,444	-	-	-	-	-	2,336
Sweatt (MS)	-	-	-55	-	-	-	-	-	1
Watson (MS)	568,020	-	14,830	-	-	-	249	-	159
Mississippi Pwr & Lgt Co	**-**	**1,356**	**148,131**	**-**	**-**	**-**	**-**	**3**	**1,716**
Andrus (MS)	-	1,080	113,122	-	-	-	-	2	1,243
Brown, Rex (MS)	-	5	8,888	-	-	-	-	*	114
Delta (MS)	-	-	-	-	-	-	-	-	-
Wilson, B (MS)	-	271	26,121	-	-	-	-	1	359
Missouri Basin Mun Pwr Agency	**-**	**79**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Watertown (SD)	-	79	-	-	-	-	-	*	-
Modesto Irrigation Dist	**-**	**199**	**7,594**	**154**	**-**	**-**	**-**	**1**	**182**
McClure (CA)	-	199	7,640	-	-	-	-	1	182
New Hogan (CA)	-	-	-	156	-	-	-	-	-
Stone Drop (CA)	-	-	-	-2	-	-	-	-	-
Woodland (CA)	-	-	-46	-	-	-	-	-	-
Monongahela Power Co	**185,944**	**796**	**255**	**-**	**-**	**1,659**	**86**	**1**	**3**
Albright (WV)	66,272	717	-	-	-	-	31	1	-
Rivesville (WV)	17,658	79	-	-	-	-	10	*	-
Willow Island (WV)	102,014	-	255	-	-	1,659	45	-	3
Montana Dakota Utils Co	**80,061**	**31**	**44**	**-**	**-**	**-**	**77**	**-**	**1**
Glendive (MT)	-	-	46	-	-	-	-	-	1
Heskett (ND)	49,515	-	-	-	-	-	46	-	-
Lewis & Clark (MT)	30,546	-	6	-	-	-	30	-	*
Miles City (MT)	-	31	-	-	-	-	-	*	*
Williston (ND)	-	-	-8	-	-	-	-	-	-
Morgan (City of)	**-**	**-**	**6,450**	**-**	**-**	**-**	**-**	**-**	**97**
Morgan City (LA)	-	-	6,450	-	-	-	-	-	97
Muscatine (City of)	**129,907**	**1**	**1,653**	**-**	**-**	**-**	**101**	**-**	**22**
Muscatine (IA)	129,907	1	1,653	-	-	-	101	*	22
Nebraska Pub Power Dist	**942,105**	**305**	**1,713**	**15,116**	**509,234**	**-**	**583**	**-**	**18**
Canaday (NE)	-	-	-	-	-	-	-	-	-
Columbus (NE)	-	-	-	11,129	-	-	-	-	-
Cooper (NE)	-	-	-	-	509,234	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Nebraska Pub Power Dist (Continued)									
David City (NE)	-	18	4	-	-	-	-	*	*
Gentleman (NE)	828,487	-	1,577	-	-	-	510	-	16
Hallam (NE)	-	57	78	-	-	-	-	*	1
Hebron (NE)	-	140	-	-	-	-	-	*	-
Kearney (NE)	-	-	-	-	-	-	-	-	-
Lodgepole (NE)	-	-	-	-	-	-	-	-	-
Lyons (NE)	-	-	-	-	-	-	-	-	-
Madison (NE)	-	2	6	-	-	-	-	*	*
Mc Cook (NE)	-	57	-	-	-	-	-	*	-
Minnechaduza (NE)	-	-	-	-	-	-	-	-	-
Monroe (NE)	-	-	-	2,508	-	-	-	-	-
North Platte (NE)	-	-	-	638	-	-	-	-	-
Ord (NE)	-	24	1	-	-	-	-	*	*
Sheldon (NE)	113,618	-	47	-	-	-	73	-	1
Spencer (NE)	-	-	-	841	-	-	-	-	-
Sutherland (NE)	-	6	-	-	-	-	-	*	-
Wakefield (NE)	-	1	-	-	-	-	-	*	-
Nevada Irrigation Dist	**-**	**-**	**-**	**10,207**	**-**	**-**	**-**	**-**	**-**
Bowman (CA)	-	-	-	353	-	-	-	-	-
Chicago Park (CA)	-	-	-	7,291	-	-	-	-	-
Combie No (CA)	-	-	-	28	-	-	-	-	-
Combie So (CA)	-	-	-	-	-	-	-	-	-
Dutch Flat No.2 (CA)	-	-	-	370	-	-	-	-	-
Rollins (CA)	-	-	-	2,137	-	-	-	-	-
Scott Flat (CA)	-	-	-	28	-	-	-	-	-
Nevada Power Co	**309,865**	**1,533**	**348,728**	**-**	**-**	**-**	**147**	**3**	**3,199**
Clark (NV)	-	-	332,497	-	-	-	-	-	3,030
Gardner, Reid (NV)	309,865	1,533	-	-	-	-	147	3	-
Sun Peak (NV)	-	-	-	-	-	-	-	-	-
Sunrise (NV)	-	-	16,231	-	-	-	-	-	169
New Orleans Pub Serv Inc	**-**	**-**	**144,811**	**-**	**-**	**-**	**-**	**-**	**1,677**
Michoud (LA)	-	-	144,811	-	-	-	-	-	1,677
Paterson, A B (LA)	-	-	-	-	-	-	-	*	-
New Ulm (City of)	**-**	**2**	**1,304**	**-**	**-**	**-**	**-**	**-**	**38**
New Ulm (MN)	-	2	1,304	-	-	-	-	*	38
Northern Ind Pub Serv Co	**1,115,673**	**11,688**	**3,113**	**1,288**	**-**	**-**	**586**	**5**	**36**
Bailly (IN)	264,152	-	147	-	-	-	127	-	2
Michigan City (IN)	208,569	-	1,314	-	-	-	118	-	14
Mitchell, Dean H (IN)	-	-	-	-	-	-	-	-	-
Norway (IN)	-	-	-	461	-	-	-	-	-
Oakdale (IN)	-	-	-	827	-	-	-	-	-
Schahfer, R. M. (IN)	642,952	11,688	1,652	-	-	-	342	5	20
Northern States Power Co	**2,098,089**	**54,626**	**13,524**	**83,820**	**1,003,137**	**44,990**	**1,208**	**20**	**139**
Angus Anson (SD)	-	-	226	-	-	-	-	-	9
Apple River (WI)	-	-	-	1,219	-	-	-	-	-
Bay Front (WI)	4,954	-	510	-	-	16,337	3	-	7
Big Falls (WI)	-	-	-	3,633	-	-	-	-	-
Black Dog (MN)	135,104	-	12,205	-	-	-	85	-	111
Blue Lake (MN)	-	-227	-	-	-	-	-	-	-
Cedar Falls (WI)	-	-	-	3,590	-	-	-	-	-
Chippewa Falls (WI)	-	-	-	6,328	-	-	-	-	-
Cornell (WI)	-	-	-	7,236	-	-	-	-	-
Dells (WI)	-	-	-	4,658	-	-	-	-	-
Flambeau (WI)	-	-18	-	-	-	-	-	-	-
French Island (WI)	-	-82	16	-	-	5,845	-	-	*
Granite City (MN)	-	-58	-	-	-	-	-	-	-
Hayward (WI)	-	-	-	139	-	-	-	-	-
Hennepin Island (MN)	-	-	-	8,564	-	-	-	-	-
High Bridge (MN)	92,034	-	716	-	-	-	54	-	7
Holcombe (WI)	-	-	-	8,286	-	-	-	-	-
Inver Hills (MN)	-	-	-	-	-	-	-	-	-
Jim Falls (WI)	-	-	-	11,042	-	-	-	-	-
Key City (MN)	-	-51	-	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Northern States Power Co (Continued)									
King (MN)	265,290	36,937	-	-	-	-	146	13	-
Ladysmith (WI)	-	-	-	1,116	-	-	-	-	-
Menomonie (WI)	-	-	-	2,481	-	-	-	-	-
Minnesota Valley (MN)	-	-	-44	-	-	-	-	-	-
Monticello (MN)	-	-	-	-	424,937	-	-	-	-
Pathfinder (SD)	-	-	-99	-	-	-	-	-	-
Prairie Island (MN)	-	-	-	-	578,200	-	-	-	-
Redwing (MN)	-	-	169	-	-	10,594	-	-	3
Riverdale (WI)	-	-	-	362	-	-	-	-	-
Riverside (MN)	190,517	17,621	69	-	-	-	112	7	1
Saxon Falls (MI)	-	-	-	1,118	-	-	-	-	-
Sherburne County (MN)	1,410,190	504	-	-	-	-	807	1	-
St Croix Falls (WI)	-	-	-	9,041	-	-	-	-	-
Superior Falls (MI)	-	-	-	1,276	-	-	-	-	-
Thornapple (WI)	-	-	-	494	-	-	-	-	-
Trego (WI)	-	-	-	605	-	-	-	-	-
West Faribault (MN)	-	-	-17	-	-	-	-	-	-
Wheaton (WI)	-	-	-294	-	-	-	-	-	*
White River (WI)	-	-	-	236	-	-	-	-	-
Wilmarth (MN)	-	-	67	-	-	12,214	-	-	1
Wissota (WI)	-	-	-	12,396	-	-	-	-	-
Northwestern Pub Serv Co	**-**	**-20**	**-58**	**-**	**-**	**-**	**-**	**-**	**-**
Aberdeen (SD)	-	1	-	-	-	-	-	*	-
Clark (SD)	-	-9	-	-	-	-	-	-	-
Faulkton (SD)	-	-	-	-	-	-	-	-	-
Highmore (SD)	-	-	-	-	-	-	-	-	-
Huron (SD)	-	-	-58	-	-	-	-	-	-
Mobile (SD)	-	-5	-	-	-	-	-	-	-
Redfield (SD)	-	-	-	-	-	-	-	-	-
Webster (SD)	-	-7	-	-	-	-	-	-	-
Yankton New (SD)	-	-	-	-	-	-	-	-	-
Oakdale South San Joaquin	**-**	**-**	**-**	**12,194**	**-**	**-**	**-**	**-**	**-**
Beardsley (CA)	-	-	-	1,724	-	-	-	-	-
Donnels (CA)	-	-	-	8,481	-	-	-	-	-
Tulloch (CA)	-	-	-	1,989	-	-	-	-	-
Oglethorpe Power Corp	**-**	**-**	**-39**	**-36,672**	**-**	**-**	**-**	**-**	**-**
Rocky Mountain (GA)	-	-	-	-36,680	-	-	-	-	-
Sewell Creek Energy (GA)	-	-	-177	-	-	-	-	-	-
Smarr Energy (GA)	-	-	-77	-	-	-	-	-	-
Talbot (GA)	-	-	215	-	-	-	-	-	*
Tallassee (GA)	-	-	-	8	-	-	-	-	-
Ohio Edison Co	**1,184,414**	**684**	**-685**	**-**	**-**	**-**	**479**	**1**	**-**
Burger, R E (OH)	184,613	42	-	-	-	-	80	*	-
Edgewater (OH)	-	-	-342	-	-	-	-	-	-
Mad River (OH)	-	-41	-	-	-	-	-	-	-
Sammis (OH)	999,801	683	-	-	-	-	399	1	-
West Lorain (OH)	-	-	-343	-	-	-	-	-	-
Ohio Power Co	**2,809,924**	**6,801**	**-**	**13,916**	**-**	**-**	**1,094**	**11**	**-**
Gavin, Gen J M (OH)	1,144,017	1,860	-	-	-	-	452	3	-
Kammer (WV)	352,120	183	-	-	-	-	132	*	-
Mitchell (WV)	656,553	3,576	-	-	-	-	259	6	-
Muskingum River (OH)	657,234	1,182	-	-	-	-	251	2	-
Racine (OH)	-	-	-	13,916	-	-	-	-	-
Ohio Valley Elec Corp	**483,396**	**2,201**	**-**	**-**	**-**	**-**	**193**	**4**	**-**
Kyger Creek (OH)	483,396	2,201	-	-	-	-	193	4	-
Oklahoma Gas & Elec Co	**1,426,407**	**2**	**256,905**	**-**	**-**	**-**	**856**	**-**	**2,860**
Conoco (OK)	-	-	45,055	-	-	-	-	-	434
Enid (OK)	-	-	-	-	-	-	-	-	-
Horseshoe Lake (OK)	-	-	277	-	-	-	-	-	3
Muskogee (OK)	758,576	-	3,900	-	-	-	470	-	50
Mustang (OK)	-	-	59,569	-	-	-	-	-	611
Seminole (OK)	-	-	148,083	-	-	-	-	-	1,762

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Oklahoma Gas & Elec Co (Continued)									
Sooner (OK)	667,831	2	-	-	-	-	386	*	-
Woodward (OK)	-	-	21	-	-	-	-	-	*
Oklahoma Mun Power Authority	**-**	**-**	**-**	**2,011**	**-**	**-**	**-**	**-**	**-**
Kaw Hydro (OK)	-	-	-	2,011	-	-	-	-	-
Ponca Steam (OK)	-	-	-	-	-	-	-	-	-
Ponca Steam (OK)	-	-	-	-	-	-	-	-	-
Omaha Public Power Dist	**643,968**	**-23**	**3,364**	**-**	**353,153**	**-**	**374**	**-**	**38**
Fort Calhoun (NE)	-	-	-	-	353,153	-	-	-	-
Jones Street (NE)	-	-40	-	-	-	-	-	*	-
Nebraska City (NE)	423,321	88	-	-	-	-	240	*	-
North Omaha (NE)	220,647	-	3,428	-	-	-	134	-	37
Sarpy (NE)	-	-71	-64	-	-	-	-	*	1
Orlando (City of)	**407,692**	**626**	**3,492**	**-**	**-**	**3,604**	**162**	**1**	**50**
Indian River (FL)	-	-	3,492	-	-	-	-	-	50
St Cloud (FL)	-	-	-	-	-	-	-	-	-
Stanton (FL)	407,692	626	-	-	-	3,604	162	1	-
Oroville Wyandotte I Dist	**-**	**-**	**-**	**55,546**	**-**	**-**	**-**	**-**	**-**
Forbestown (CA)	-	-	-	16,478	-	-	-	-	-
Kelly Ridge (CA)	-	-	-	7,360	-	-	-	-	-
Sly Creek (CA)	-	-	-	2,681	-	-	-	-	-
Woodleaf (CA)	-	-	-	29,027	-	-	-	-	-
Orrville (City of)	**22,802**	**-**	**27**	**-**	**-**	**-**	**13**	**-**	**-**
Orrville (OH)	22,802	-	27	-	-	-	13	-	*
Otter Tail Power Co	**632,158**	**383**	**-**	**1,460**	**-**	**-**	**442**	**1**	**-**
Bemidji (MN)	-	-	-	56	-	-	-	-	-
Big Stone (SD)	298,875	14	-	-	-	-	184	*	-
Coyote (ND)	261,699	308	-	-	-	-	215	1	-
Dayton Hollow (MN)	-	-	-	416	-	-	-	-	-
Hoot Lake (MN)	71,584	8	-	377	-	-	43	*	-
Jamestown (ND)	-	-	-	-	-	-	-	*	-
Lake Preston (SD)	-	53	-	-	-	-	-	*	-
Pisgah (MN)	-	-	-	272	-	-	-	-	-
Taplin Gorge (MN)	-	-	-	339	-	-	-	-	-
Wright (MN)	-	-	-	-	-	-	-	-	-
Owensboro (City of)	**144,163**	**355**	**-**	**-**	**-**	**-**	**72**	**1**	**-**
Elmer Smith (KY)	144,163	355	-	-	-	-	72	1	-
Pacific Gas & Electric Co	**-**	**2,874**	**107,824**	**625,693**	**687,427**	**-**	**-**	**7**	**1,198**
Alta (CA)	-	-	-	470	-	-	-	-	-
Balch 1 (CA)	-	-	-	4,551	-	-	-	-	-
Balch 2 (CA)	-	-	-	30,430	-	-	-	-	-
Belden (CA)	-	-	-	23,697	-	-	-	-	-
Black, James B (CA)	-	-	-	41,338	-	-	-	-	-
Bucks Creek (CA)	-	-	-	25,753	-	-	-	-	-
Butt Valley (CA)	-	-	-	9,972	-	-	-	-	-
Caribou 1 (CA)	-	-	-	4,611	-	-	-	-	-
Caribou 2 (CA)	-	-	-	38,130	-	-	-	-	-
Centerville (CA)	-	-	-	105	-	-	-	-	-
Chili Bar (CA)	-	-	-	1,610	-	-	-	-	-
Coal Canyon (CA)	-	-	-	-	-	-	-	-	-
Coleman (CA)	-	-	-	4,303	-	-	-	-	-
Cow Creek (CA)	-	-	-	516	-	-	-	-	-
Crane Valley (CA)	-	-	-	-	-	-	-	-	-
Cresta (CA)	-	-	-	17,306	-	-	-	-	-
De Sabla (CA)	-	-	-	5,104	-	-	-	-	-
Deer Creek (CA)	-	-	-	1,329	-	-	-	-	-
Diablo Canyon (CA)	-	-	-	-	687,427	-	-	-	-
Downieville (CA)	-	-	-	-	-	-	-	-	-
Drum 1 (CA)	-	-	-	1,154	-	-	-	-	-
Drum 2 (CA)	-	-	-	20,264	-	-	-	-	-
Dutch Flat (CA)	-	-	-	9,415	-	-	-	-	-
Electra (CA)	-	-	-	28,872	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Pacific Gas & Electric Co (Continued)									
Haas (CA)	-	-	-	23,106	-	-	-	-	-
Halsey (CA)	-	-	-	2,546	-	-	-	-	-
Hamilton Branch (CA)	-	-	-	1,215	-	-	-	-	-
Hat Creek 1 (CA)	-	-	-	2,458	-	-	-	-	-
Hat Creek 2 (CA)	-	-	-	4,545	-	-	-	-	-
Helms (CA)	-	-	-	-56,644	-	-	-	-	-
Humbolt Bay (CA)	-	340	22,667	-	-	-	-	1	318
Hunters Point (CA)	-	2,534	85,157	-	-	-	-	6	880
Inskip (CA)	-	-	-	3,033	-	-	-	-	-
Kerckhoff (CA)	-	-	-	7,782	-	-	-	-	-
Kerckhoff 2 (CA)	-	-	-	1,175	-	-	-	-	-
Kern Canyon (CA)	-	-	-	3,211	-	-	-	-	-
Kilarc (CA)	-	-	-	838	-	-	-	-	-
Kings River (CA)	-	-	-	10,969	-	-	-	-	-
Lime Saddle (CA)	-	-	-	611	-	-	-	-	-
Merced Falls (CA)	-	-	-	-	-	-	-	-	-
Mobile Turbine (CA)	-	-	-	-	-	-	-	-	-
Narrows (CA)	-	-	-	56	-	-	-	-	-
Newcastle (CA)	-	-	-	2,697	-	-	-	-	-
Oak Flat (CA)	-	-	-	257	-	-	-	-	-
Phoenix (CA)	-	-	-	203	-	-	-	-	-
Pit 1 (CA)	-	-	-	22,694	-	-	-	-	-
Pit 3 (CA)	-	-	-	31,251	-	-	-	-	-
Pit 4 (CA)	-	-	-	36,414	-	-	-	-	-
Pit 5 (CA)	-	-	-	56,460	-	-	-	-	-
Pit 6 (CA)	-	-	-	23,943	-	-	-	-	-
Pit 7 (CA)	-	-	-	31,709	-	-	-	-	-
Poe (CA)	-	-	-	34,280	-	-	-	-	-
Potter Valley (CA)	-	-	-	1,948	-	-	-	-	-
PVUSA 1 (CA)	-	-	-	-	-	-	-	-	-
Rock Creek (CA)	-	-	-	23,453	-	-	-	-	-
Salt Springs (CA)	-	-	-	18,470	-	-	-	-	-
San Joaquin 3 (CA)	-	-	-	-	-	-	-	-	-
San Joaquin No. 1a (CA)	-	-	-	-	-	-	-	-	-
San Joaquin No. 2 (CA)	-	-	-	52	-	-	-	-	-
South (CA)	-	-	-	3,463	-	-	-	-	-
Spaulding No. 1 (CA)	-	-	-	1,544	-	-	-	-	-
Spaulding No. 2 (CA)	-	-	-	485	-	-	-	-	-
Spaulding No. 3 (CA)	-	-	-	-	-	-	-	-	-
Spring Gap (CA)	-	-	-	2,686	-	-	-	-	-
Stanislaus (CA)	-	-	-	14,732	-	-	-	-	-
Tiger Creek (CA)	-	-	-	28,895	-	-	-	-	-
Toadtown (CA)	-	-	-	140	-	-	-	-	-
Tule River (CA)	-	-	-	976	-	-	-	-	-
Volta (CA)	-	-	-	2,470	-	-	-	-	-
Volta 2 (CA)	-	-	-	296	-	-	-	-	-
West Point (CA)	-	-	-	6,717	-	-	-	-	-
Wise (CA)	-	-	-	4,601	-	-	-	-	-
Wishon, A G (CA)	-	-	-	1,026	-	-	-	-	-
Pacificorp	**3,460,384**	**3,048**	**42,960**	**181,832**	**-**	**16,688**	**1,922**	**5**	**515**
American Fork (UT)	-	-	-	396	-	-	-	-	-
Ashton (ID)	-	-	-	1,519	-	-	-	-	-
Beaver Upper (UT)	-	-	-	293	-	-	-	-	-
Bend (OR)	-	-	-	83	-	-	-	-	-
Big Fork (MT)	-	-	-	1,426	-	-	-	-	-
Blundell (UT)	-	-	-	-	-	16,688	-	-	-
Bridger, Jim (WY)	1,157,520	807	-	-	-	-	656	1	-
Carbon (UT)	118,223	44	-	-	-	-	56	*	-
Clearwater 1 (OR)	-	-	-	3,253	-	-	-	-	-
Clearwater 2 (OR)	-	-	-	1,324	-	-	-	-	-
Cline Falls (OR)	-	-	-	156	-	-	-	-	-
Condit (WA)	-	-	-	3,491	-	-	-	-	-
Copco 1 (CA)	-	-	-	3,829	-	-	-	-	-
Copco 2 (CA)	-	-	-	5,115	-	-	-	-	-
Cove (ID)	-	-	-	394	-	-	-	-	-
Cutler (UT)	-	-	-	3,569	-	-	-	-	-
Eagle Point (OR)	-	-	-	1,367	-	-	-	-	-
East Side (OR)	-	-	-	1,520	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Pacificorp (Continued)									
Fall Creek (CA)	-	-	-	932	-	-	-	-	-
Fish Creek (OR)	-	-	-	1,377	-	-	-	-	-
Ftn Green (UT)	-	-	-	44	-	-	-	-	-
Gadsby (UT)	-	-	30,906	-	-	-	-	-	327
Grace (ID)	-	-	-	1,578	-	-	-	-	-
Granite (UT)	-	-	-	336	-	-	-	-	-
Hunter (emery) (UT)	774,390	994	-	-	-	-	359	2	-
Huntington Canyon (UT)	270,364	807	-	-	-	-	132	1	-
Hydro No. 1 (UT)	-	-	-	-	-	-	-	-	-
Hydro No. 2 (UT)	-	-	-	-	-	-	-	-	-
Hydro No. 3 (UT)	-	-	-	-	-	-	-	-	-
Iron Gate (CA)	-	-	-	5,356	-	-	-	-	-
John C Boyle (OR)	-	-	-	8,301	-	-	-	-	-
Johnston, Dave (WY)	469,387	369	-	-	-	-	315	1	-
Last Chance (UT)	-	-	-	68	-	-	-	-	-
Lemolo 1 (OR)	-	-	-	10,088	-	-	-	-	-
Lemolo 2 (OR)	-	-	-	12,738	-	-	-	-	-
Little Mountain (UT)	-	-	10,088	-	-	-	-	-	168
Merwin (WA)	-	-	-	26,415	-	-	-	-	-
Naches (WA)	-	-	-	-	-	-	-	-	-
Naches Drop (WA)	-	-	-	-	-	-	-	-	-
Naughton (WY)	429,580	-	1,966	-	-	-	224	-	19
Olmstead (UT)	-	-	-	-	-	-	-	-	-
Oneida (ID)	-	-	-	94	-	-	-	-	-
Paris (ID)	-	-	-	59	-	-	-	-	-
Pioneer (UT)	-	-	-	-	-	-	-	-	-
Powerdale (OR)	-	-	-	1,955	-	-	-	-	-
Prospect 1 (OR)	-	-	-	-	-	-	-	-	-
Prospect 2 (OR)	-	-	-	681	-	-	-	-	-
Prospect 3 (OR)	-	-	-	804	-	-	-	-	-
Prospect 4 (OR)	-	-	-	-	-	-	-	-	-
Skookumchuck (WA)	-	-	-	-	-	-	-	-	-
Slide Creek (OR)	-	-	-	4,944	-	-	-	-	-
Snake Creek (UT)	-	-	-	143	-	-	-	-	-
Soda (ID)	-	-	-	-47	-	-	-	-	-
Soda Springs (OR)	-	-	-	3,485	-	-	-	-	-
St Anthony (ID)	-	-	-	-3	-	-	-	-	-
Stairs (UT)	-	-	-	178	-	-	-	-	-
Swift 1 (WA)	-	-	-	33,362	-	-	-	-	-
Swift No. 2 (WA)	-	-	-	-	-	-	-	-	-
Toketee (OR)	-	-	-	13,444	-	-	-	-	-
Viva (WY)	-	-	-	68	-	-	-	-	-
Wallowa Falls (OR)	-	-	-	570	-	-	-	-	-
Weber (UT)	-	-	-	87	-	-	-	-	-
West Side (OR)	-	-	-	-1	-	-	-	-	-
Wyodak (WY)	240,920	27	-	-	-	-	179	*	-
Yale (WA)	-	-	-	27,041	-	-	-	-	-
Painesville (City of)	**11,763**	**-**	**70**	**-**	**-**	**-**	**7**	**-**	**1**
Painesville (OH)	11,763	-	70	-	-	-	7	-	1
Pasadena (City of)	**-**	**-**	**17,218**	**4**	**-**	**-**	**-**	**-**	**203**
Azusa (CA)	-	-	-	4	-	-	-	-	-
Broadway (CA)	-	-	17,218	-	-	-	-	-	203
Glenarm (CA)	-	-	-	-	-	-	-	-	-
Peabody (City of)	**-**	**1,399**	**554**	**-**	**-**	**-**	**-**	**3**	**6**
Waters River (MA)	-	1,399	554	-	-	-	-	3	6
Pend Oreille Pub Util D#1	**-**	**-**	**-**	**32,858**	**-**	**-**	**-**	**-**	**-**
Box Canyon (WA)	-	-	-	32,816	-	-	-	-	-
Calispel Creek (WA)	-	-	-	42	-	-	-	-	-
Pennsylvania Power Co	**1,375,144**	**1,995**	**-**	**-**	**965,672**	**-**	**523**	**3**	**-**
Beaver Valley (PA)	-	-	-	-	965,672	-	-	-	-
Mansfield, Bruce (PA)	1,375,144	1,995	-	-	-	-	523	3	-
Piqua (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Piqua (OH)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Placer County Wtr Agency	**-**	**-**	**-**	**68,197**	**-**	**-**	**-**	**-**	**-**
French Meadows (CA)	-	-	-	3,898	-	-	-	-	-
Hell Hole (CA)	-	-	-	359	-	-	-	-	-
Middle Fork (CA)	-	-	-	35,844	-	-	-	-	-
Oxbow (CA)	-	-	-	1,855	-	-	-	-	-
Ralston (CA)	-	-	-	26,241	-	-	-	-	-
Platte River Power Auth	**56,233**	**676**	**2,669**	**-**	**-**	**2,165**	**34**	**1**	**31**
Medicine Bow (WY)	-	-	-	-	-	2,165	-	-	-
Rawhide (CO)	56,233	676	2,669	-	-	-	34	1	31
Portland General Elec Co	**397,838**	**77**	**188,755**	**180,237**	**-**	**-**	**224**	**-**	**1,271**
Beaver (OR)	-	10	46,546	-	-	-	-	*	285
Boardman (OR)	397,838	67	-	-	-	-	224	*	-
Bull Run (OR)	-	-	-	5,398	-	-	-	-	-
Coyote Springs (OR)	-	-	142,209	-	-	-	-	-	986
Faraday (OR)	-	-	-	10,262	-	-	-	-	-
North Fork (OR)	-	-	-	9,839	-	-	-	-	-
Oak Grove (OR)	-	-	-	14,426	-	-	-	-	-
Pelton (OR)	-	-	-	33,399	-	-	-	-	-
Pelton Re Regulation (OR)	-	-	-	6,463	-	-	-	-	-
Portland Hydro Proj 1 (OR)	-	-	-	3,905	-	-	-	-	-
Portland Hydro Proj 2 (OR)	-	-	-	-	-	-	-	-	-
River Mill (OR)	-	-	-	6,849	-	-	-	-	-
Round Butte (OR)	-	-	-	78,916	-	-	-	-	-
Sullivan (OR)	-	-	-	10,780	-	-	-	-	-
Power Authy of St of N Y	**-**	**62,246**	**405,122**	**1,646,666**	**-**	**-**	**-**	**102**	**3,862**
Ashokan (NY)	-	-	-	-	-	-	-	-	-
Blenheim (NY)	-	-	-	-30,516	-	-	-	-	-
Brentwood (NY)	-	-	3,287	-	-	-	-	-	36
Crescent (NY)	-	-	-	8,400	-	-	-	-	-
Flynn (NY)	-	-	107,637	-	-	-	-	-	837
Harlem (NY)	-	-	9,484	-	-	-	-	-	113
Hell Gate (NY)	-	-	10,032	-	-	-	-	-	88
Hinckley (NY)	-	-	-	2,247	-	-	-	-	-
Kensico (NY)	-	-	-	-	-	-	-	-	-
Lewiston (NY)	-	-	-	-26,976	-	-	-	-	-
Moses Niagara (NY)	-	-	-	1,196,052	-	-	-	-	-
Moses Power Dam (NY)	-	-	-	491,399	-	-	-	-	-
Poletti (NY)	-	62,246	260,332	-	-	-	-	102	2,638
Pouch (NY)	-	-	2,030	-	-	-	-	-	21
Vernon (NY)	-	-	12,320	-	-	-	-	-	129
Vischer Ferry (NY)	-	-	-	6,060	-	-	-	-	-
PSI Energy, Inc	**2,647,429**	**5,260**	**162,780**	**38,452**	**-**	**-**	**1,218**	**11**	**1,399**
Cayuga (IN)	492,463	1,526	-14	-	-	-	228	3	-
Connersville (IN)	-	-19	-	-	-	-	-	-	-
Edwardsport (IN)	13,646	143	-	-	-	-	9	*	-
Gallagher, R (IN)	71,806	1,600	-	-	-	-	38	4	-
Gibson (IN)	1,745,499	1,572	-	-	-	-	789	3	-
Markland (IN)	-	-	-	38,452	-	-	-	-	-
Miami Wabash (IN)	-	-110	-	-	-	-	-	-	-
Noblesville (IN)	-390	-	-	-	-	-	-	-	-
Wabash River (IN)	324,405	548	162,794	-	-	-	155	1	1,399
Pub Serv Co of New Hamp	**327,296**	**27,941**	**-**	**26,546**	**-**	**-**	**133**	**66**	**-**
Amoskeag (NH)	-	-	-	7,852	-	-	-	-	-
Ayers Island (NH)	-	-	-	3,274	-	-	-	-	-
Canaan (VT)	-	-	-	628	-	-	-	-	-
Eastman Falls (NH)	-	-	-	2,286	-	-	-	-	-
Garvins Falls (NH)	-	-	-	3,582	-	-	-	-	-
Gorham (NH)	-	-	-	900	-	-	-	-	-
Hooksett (NH)	-	-	-	812	-	-	-	-	-
Jackman (NH)	-	-	-	1,356	-	-	-	-	-
Lost Nation (NH)	-	3	-	-	-	-	-	*	-
Merrimack (NH)	244,585	67	-	-	-	-	91	*	-
Newington (NH)	-	26,701	-	-	-	-	-	63	-
Schiller (NH)	82,711	1,170	-	-	-	-	42	3	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Pub Serv Co of New Hamp (Continued)									
Smith (NH)	-	-	-	5,856	-	-	-	-	-
White Lake (NH)	-	-	-	-	-	-	-	-	-
Pub Serv Co of New Mexico	**799,781**	**5,485**	**1,877**	**-**	**-**	**-**	**445**	**9**	**22**
Las Vegas (NM)	-	-14	-	-	-	-	-	-	-
Reeves (NM)	-	-	1,877	-	-	-	-	-	22
San Juan (NM)	799,781	5,499	-	-	-	-	445	9	-
Public Service Co of Colo	**1,723,245**	**377**	**405,021**	**589**	**-**	**7,213**	**986**	**1**	**3,148**
Alamosa (CO)	-	10	25	-	-	-	-	*	15
Ames (CO)	-	-	-	494	-	-	-	-	-
Arapahoe (CO)	111,633	-	4,648	-	-	-	75	-	50
Boulder Hydro (CO)	-	-	-	-	-	-	-	-	-
Cabin Creek (CO)	-	-	-	-7,642	-	-	-	-	-
Cameo (CO)	33,679	-	1,265	-	-	-	23	-	19
Cherokee (CO)	459,221	-	1,032	-	-	-	224	-	12
Comanche (CO)	389,782	-	170	-	-	-	257	-	2
Fort Lupton (CO)	-	-	264	-	-	-	-	-	4
Fort St. Vrain (CO)	-	-	397,275	-	-	-	-	-	3,041
Fruita (CO)	-	-	-	-	-	-	-	-	-
Georgetown Hydro (CO)	-	-	-	-	-	-	-	-	-
Hayden (CO)	276,886	367	171	-	-	-	142	1	2
Palisade Hydro (CO)	-	-	-	1,106	-	-	-	-	-
Pawnee (CO)	333,238	-	66	-	-	-	214	-	1
Ponnequin (CO)	-	-	-	-	-	7,213	-	-	-
Salida No. 1 Hydro (CO)	-	-	-	40	-	-	-	-	-
Salida No. 2 Hydro (CO)	-	-	-	40	-	-	-	-	-
Shoshone Hydro (CO)	-	-	-	6,181	-	-	-	-	-
Tacoma (CO)	-	-	-	370	-	-	-	-	-
Valmont (CO)	118,806	-	105	-	-	-	52	-	1
Zuni (CO)	-	-	-	-	-	-	-	-	-
Public Service Co of Okla	**620,140**	**-**	**220,297**	**-**	**-**	**-**	**365**	**-**	**2,429**
Comanche (OK)	-	-	53,518	-	-	-	-	-	507
Northeastern (OK)	620,140	-	1,118	-	-	-	365	-	12
Riverside (OK)	-	-	117,021	-	-	-	-	-	1,328
Southwestern (OK)	-	-	48,640	-	-	-	-	-	583
Tulsa (OK)	-	-	-	-	-	-	-	-	-
Weleetka (OK)	-	-	-	-	-	-	-	-	-
Puget Sound Pwr & Lgt Co	**-**	**2**	**52,631**	**82,892**	**-**	**-**	**-**	**-**	**610**
Crystal Mountain (WA)	-	2	-	-	-	-	-	*	-
Electron (WA)	-	-	-	6,227	-	-	-	-	-
Encogen (WA)	-	-	52,516	-	-	-	-	-	608
Frederickson (WA)	-	-	115	-	-	-	-	-	2
Fredonia (WA)	-	-	-	-	-	-	-	-	-
Lower Baker (WA)	-	-	-	25,913	-	-	-	-	-
Nooksack (WA)	-	-	-	-	-	-	-	-	-
Snoqualmie (WA)	-	-	-	16,234	-	-	-	-	-
South Whidbey (WA)	-	-	-	-	-	-	-	-	-
Upper Baker (WA)	-	-	-	25,114	-	-	-	-	-
White River (WA)	-	-	-	9,404	-	-	-	-	-
Whitehorn (WA)	-	-	-	-	-	-	-	-	-
Redding (City of)	**-**	**-**	**688**	**2,448**	**-**	**-**	**-**	**-**	**10**
Redding Power (CA)	-	-	688	-	-	-	-	-	10
Whiskeytown (CA)	-	-	-	2,448	-	-	-	-	-
Reliant Energy HL&P	**2,096,984**	**-**	**459,853**	**-**	**648,839**	**-**	**1,389**	**-**	**5,717**
Bertron, Sam (TX)	-	-	-100	-	-	-	-	-	19
Cedar Bayou (TX)	-	-	106,587	-	-	-	-	-	1,387
Clarke, Hiram (TX)	-	-	-	-	-	-	-	-	-
Deepwater (TX)	-	-	-362	-	-	-	-	-	-
Greens Bayou (TX)	-	-	2,838	-	-	-	-	-	65
Limestone (TX)	887,475	-	6,069	-	-	-	635	-	61
Parish, W A (TX)	1,209,509	-	103,496	-	-	-	754	-	1,144
Robinson, P H (TX)	-	-	-1,085	-	-	-	-	-	-
San Jacinto (TX)	-	-	119,119	-	-	-	-	-	1,423
South Texas (TX)	-	-	-	-	648,839	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Reliant Energy HL&P (Continued)									
Webster (TX)	-	-	-230	-	-	-	-	-	-
Wharton, T H (TX)	-	-	123,521	-	-	-	-	-	1,618
Richmond (City of)	**53,522**	**59**	**-**	**-**	**-**	**-**	**26**	**-**	**-**
Whitewater Valley (IN)	53,522	59	-	-	-	-	26	*	-
Rochester (City of)	**4,045**	**-**	**212**	**860**	**-**	**-**	**2**	**-**	**4**
Cascade Creek (MN)	-	-	-	-	-	-	-	-	-
Rochester (MN)	-	-	-	860	-	-	-	-	-
Silver Lake (MN)	4,045	-	212	-	-	-	2	-	4
Rochester Gas & Elec Corp	**151,997**	**205**	**301**	**9,876**	**357,224**	**-**	**61**	**-**	**5**
Ginna (NY)	-	-	-	-	357,224	-	-	-	-
Station 160 (NY)	-	-	-	-	-	-	-	-	-
Station 170 (NY)	-	-	-	119	-	-	-	-	-
Station 2 (NY)	-	-	-	2,177	-	-	-	-	-
Station 26 (NY)	-	-	-	277	-	-	-	-	-
Station 3 (NY)	-	38	-	-	-	-	-	*	-
Station 5 (NY)	-	-	-	7,303	-	-	-	-	-
Station 7 (NY)	151,997	167	-	-	-	-	61	*	-
Station 9 (NY)	-	-	301	-	-	-	-	-	5
Ruston (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Ruston (LA)	-	-	-	-	-	-	-	-	-
Sacramento Mun Util Dist	**-**	**-**	**147,772**	**82,128**	**-**	**271**	**-**	**-**	**1,803**
Camino (CA)	-	-	-	20,167	-	-	-	-	-
Camp Far W (CA)	-	-	-	-	-	-	-	-	-
Campbell Soup (CA)	-	-	62,278	-	-	-	-	-	825
Carson (CA)	-	-	27,908	-	-	-	-	-	352
Hedge PV (CA)	-	-	-	-	-	17	-	-	-
Jaybird (CA)	-	-	-	29,683	-	-	-	-	-
Jones Fork (CA)	-	-	-	1,116	-	-	-	-	-
Loon Lake (CA)	-	-	-	3,711	-	-	-	-	-
McClellan (CA)	-	-	2,348	-	-	-	-	-	30
Proc&Gamble (CA)	-	-	55,238	-	-	-	-	-	597
Robbs Peak (CA)	-	-	-	1,204	-	-	-	-	-
Slab Creek (CA)	-	-	-	169	-	-	-	-	-
Solano (CA)	-	-	-	-	-	167	-	-	-
Solar (CA)	-	-	-	-	-	87	-	-	-
Union Valley (CA)	-	-	-	6,369	-	-	-	-	-
White Rock (CA)	-	-	-	19,709	-	-	-	-	-
Safe Harbor Water Power Corp	**-**	**-**	**-**	**101,078**	**-**	**-**	**-**	**-**	**-**
Safe Harbor (PA)	-	-	-	101,078	-	-	-	-	-
Salt River Project	**2,078,187**	**307**	**131,960**	**17,180**	**-**	**23**	**992**	**-**	**1,239**
Agua Fria (AZ)	-	-	46,175	-	-	23	-	-	532
Coronado (AZ)	507,326	158	-	-	-	-	269	*	-
Crosscut (AZ)	-	-	-	-	-	-	-	-	-
Horse Mesa (AZ)	-	-	-	10,812	-	-	-	-	-
Kyrene (AZ)	-	-	44,058	-	-	-	-	-	325
Mormon Flat (AZ)	-	-	-	6,408	-	-	-	-	-
Navajo (AZ)	1,570,861	149	-	-	-	-	723	*	-
Roosevelt (AZ)	-	-	-	-29	-	-	-	-	-
San Tan (AZ)	-	-	41,727	-	-	-	-	-	382
South Con (AZ)	-	-	-	-	-	-	-	-	-
Stewart Mtn (AZ)	-	-	-	-11	-	-	-	-	-
San Antonio Pub Serv Brd	**645,482**	**1,907**	**301,475**	**-**	**-**	**-**	**386**	**5**	**2,591**
Arthur von Rosenburg (TX)	-	-	154,353	-	-	-	-	-	1,074
Braunig, V H (TX)	-	-	68,142	-	-	-	-	-	754
Deely, J T (TX)	312,224	1,873	-	-	-	-	198	5	-
J K Spruce (TX)	333,258	-	876	-	-	-	188	-	12
Leon Creek (TX)	-	-	-121	-	-	-	-	-	-
Mission Road (TX)	-	-	-130	-	-	-	-	-	-
Sommers, O W (TX)	-	34	77,280	-	-	-	-	*	734
Tuttle, W B (TX)	-	-	1,075	-	-	-	-	-	17

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
San Miguel Elec Coop Inc	**227,672**	**761**	**-**	**-**	**-**	**-**	**257**	**2**	**-**
San Miguel (TX)	227,672	761	-	-	-	-	257	2	-
Santa Clara (City of)	**-**	**11**	**4,732**	**76**	**-**	**-**	**-**	**-**	**71**
Black Butte (CA)	-	-	-	-	-	-	-	-	-
Cogen Plant (CA)	-	-	4,687	-	-	-	-	-	70
Gianera (CA)	-	11	45	-	-	-	-	*	1
Grizzly (CA)	-	-	-	75	-	-	-	-	-
Highline (CA)	-	-	-	1	-	-	-	-	-
Stony Gorge (CA)	-	-	-	-	-	-	-	-	-
Savannah Elec & Pwr Co	**204,971**	**195**	**7,630**	**-**	**-**	**-**	**90**	**-**	**92**
Boulevard (GA)	-	-	-	-	-	-	-	-	-
Kraft (GA)	108,133	6	4,978	-	-	-	50	*	55
McIntosh (GA)	96,838	189	2,652	-	-	-	40	*	36
Riverside (GA)	-	-	-	-	-	-	-	-	-
Seattle (City of)	**-**	**-**	**-**	**345,639**	**-**	**-**	**-**	**-**	**-**
Boundary (WA)	-	-	-	205,610	-	-	-	-	-
Cedar Falls (WA)	-	-	-	-56	-	-	-	-	-
Diablo (WA)	-	-	-	42,443	-	-	-	-	-
Gorge (WA)	-	-	-	51,733	-	-	-	-	-
New Halem (WA)	-	-	-	366	-	-	-	-	-
Ross Dam (WA)	-	-	-	40,990	-	-	-	-	-
South Fork Tolt (WA)	-	-	-	4,553	-	-	-	-	-
Seminole Electric Coop	**497,131**	**5,312**	**169,596**	**-**	**-**	**-**	**207**	**10**	**1,852**
Payne Creek (FL)	-	1,600	169,596	-	-	-	-	3	1,852
Seminole (FL)	497,131	3,712	-	-	-	-	207	7	-
Sierra Pacific Power Co	**177,932**	**-64**	**173,304**	**2,144**	**-**	**-**	**157**	**-**	**1,855**
26 Foot Drop (NV)	-	-	-	-	-	-	-	-	-
Battle Mt (NV)	-	-29	-	-	-	-	-	*	-
Brunswick (NV)	-	-27	-	-	-	-	-	*	-
Elko (NV)	-	-	-	-	-	-	-	-	-
Fallon (NV)	-	-	-	-	-	-	-	-	-
Farad (CA)	-	-	-	-3	-	-	-	-	-
Fleish (NV)	-	-	-	-4	-	-	-	-	-
Fort Churchill (NV)	-	-	83,430	-	-	-	-	-	842
Gabbs (NV)	-	-29	-	-	-	-	-	*	-
Kings Beach (CA)	-	-40	-	-	-	-	-	-	-
Lahontan (NV)	-	-	-	-	-	-	-	-	-
North Valmy (NV)	177,932	89	-	-	-	-	157	*	-
Pinon Pine (NV)	-	-	-	-	-	-	-	-	-
Portola (CA)	-	-	-	-	-	-	-	-	-
Tracy (NV)	-	-	89,909	-	-	-	-	-	1,014
Valley Road (NV)	-	-26	-	-	-	-	-	*	-
Verdi (NV)	-	-	-	1,225	-	-	-	-	-
Washoe (NV)	-	-	-	926	-	-	-	-	-
Winnemucca (NV)	-	-2	-35	-	-	-	-	*	*
Sikeston (City of)	**155,357**	**20**	**-**	**-**	**-**	**-**	**96**	**-**	**-**
Coleman, E. P. (MO)	-	8	-	-	-	-	-	*	-
Sikeston (MO)	155,357	12	-	-	-	-	96	*	-
So Carolina Elec & Gas Co	**1,089,007**	**2,953**	**22,863**	**18,524**	**704,182**	**-**	**425**	**5**	**195**
Burton (SC)	-	-	-	-	-	-	-	-	-
Canadys (SC)	136,910	82	3	-	-	-	56	*	*
Coit (SC)	-	-	-	-	-	-	-	-	-
Columbia Hydro (SC)	-	-	-	-	-	-	-	-	-
Cope (SC)	251,731	857	-	-	-	-	97	1	-
Faber Place (SC)	-	-	-	-	-	-	-	-	-
Fairfield County (SC)	-	-	-	-17,759	-	-	-	-	-
Hagood (SC)	-	-	641	-	-	-	-	-	7
Hardeeville (SC)	-	-	-	-	-	-	-	-	-
Mcmeekin (SC)	-	-	-	-	-	-	-	-	-
Neal Shoals (SC)	-	-	-	2,141	-	-	-	-	-
Parr (SC)	-	71	62	-	-	-	-	*	1
Parr Hydro (SC)	-	-	-	6,973	-	-	-	-	-
Saluda Hydro (SC)	-	-	-	22,884	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
So Carolina Elec & Gas Co (Continued)									
SRS (SC)	8,721	26	-	-	-	-	12	*	-
Stevens Creek Hydro (GA)	-	-	-	4,285	-	-	-	-	-
Urquhart (SC)	43,208	12	22,146	-	-	-	16	*	188
V. C. Summer (SC)	-	-	-	-	704,182	-	-	-	-
Wateree (SC)	249,028	1,905	-	-	-	-	95	3	-
Williams (SC)	399,409	-	11	-	-	-	150	-	*
So Carolina Pub Serv Auth	**1,365,543**	**3,067**	**15,464**	**23,985**	**-**	**1,318**	**542**	**5**	**152**
Cross (SC)	392,651	2,465	-	-	-	-	156	4	-
Grainger, Dolphus M (SC)	104,425	11	-	-	-	-	43	*	-
Hilton Head (SC)	-	39	-	-	-	-	-	*	-
Horry County (SC)	-	-	-	-	-	1,318	-	-	-
Jefferies (SC)	117,821	337	-	15,663	-	-	52	1	-
Myrtle Beach (SC)	-	-24	-5	-	-	-	-	*	*
Rainey (SC)	-	-	15,469	-	-	-	-	-	152
Spillway (SC)	-	-	-	1,092	-	-	-	-	-
St Stephens (SC)	-	-	-	7,230	-	-	-	-	-
Winyah (SC)	750,646	239	-	-	-	-	291	*	-
South Miss Elec Pwr Assoc	**155,451**	**945**	**37,135**	**-**	**-**	**-**	**71**	**2**	**408**
Benndale (MS)	-	-	-	-	-	-	-	-	-
Morrow (MS)	155,451	945	-	-	-	-	71	2	-
Moselle (MS)	-	-	37,135	-	-	-	-	-	408
Paulding (MS)	-	-	-	-	-	-	-	-	-
Southern Calif Edison Co	**792,028**	**1,101**	**1,532**	**131,988**	**1,475,752**	**-**	**356**	**5**	**17**
Baker Dam (CA)	-	-	-	-	-	-	-	-	-
Big Creek 1 (CA)	-	-	-	11,027	-	-	-	-	-
Big Creek 2 (CA)	-	-	-	10,080	-	-	-	-	-
Big Creek 2a (CA)	-	-	-	11,969	-	-	-	-	-
Big Creek 3 (CA)	-	-	-	21,948	-	-	-	-	-
Big Creek 4 (CA)	-	-	-	10,013	-	-	-	-	-
Big Creek 8 (CA)	-	-	-	7,332	-	-	-	-	-
Bishop Creek 2 (CA)	-	-	-	-	-	-	-	-	-
Bishop Creek 3 (CA)	-	-	-	978	-	-	-	-	-
Bishop Creek 4 (CA)	-	-	-	2,173	-	-	-	-	-
Bishop Creek 5 (CA)	-	-	-	564	-	-	-	-	-
Bishop Creek 6 (CA)	-	-	-	514	-	-	-	-	-
Borel (CA)	-	-	-	2,385	-	-	-	-	-
Dominguez Hills (CA)	-	-	-	-	-	-	-	-	-
Eastwood (CA)	-	-	-	15,837	-	-	-	-	-
Fontana (CA)	-	-	-	188	-	-	-	-	-
Kaweah 1 (CA)	-	-	-	474	-	-	-	-	-
Kaweah 2 (CA)	-	-	-	495	-	-	-	-	-
Kaweah 3 (CA)	-	-	-	1,775	-	-	-	-	-
Kern River 1 (CA)	-	-	-	11,719	-	-	-	-	-
Kern River 3 (CA)	-	-	-	4,715	-	-	-	-	-
Lundy (CA)	-	-	-	325	-	-	-	-	-
Lytle Creek (CA)	-	-	-	92	-	-	-	-	-
Mammoth Pool (CA)	-	-	-	7,906	-	-	-	-	-
Mill Creek 1 (CA)	-	-	-	73	-	-	-	-	-
Mill Creek 3 (CA)	-	-	-	304	-	-	-	-	-
Mohave (NV)	792,028	-	1,532	-	-	-	356	-	17
Ontario 1 (CA)	-	-	-	114	-	-	-	-	-
Ontario 2 (CA)	-	-	-	35	-	-	-	-	-
Pebbly Beach (CA)	-	1,101	-	-	-	-	-	5	-
Poole (CA)	-	-	-	1,814	-	-	-	-	-
Portal (CA)	-	-	-	619	-	-	-	-	-
Rush Creek (CA)	-	-	-	5,057	-	-	-	-	-
San Gorgonio (CA)	-	-	-	-	-	-	-	-	-
San Onofre (CA)	-	-	-	-	1,475,752	-	-	-	-
Santa Ana 1 (CA)	-	-	-	283	-	-	-	-	-
Santa Ana 3 (CA)	-	-	-	278	-	-	-	-	-
Sierra (CA)	-	-	-	60	-	-	-	-	-
Tule River (CA)	-	-	-	842	-	-	-	-	-
Southern Ill Pwr Coop	**83,646**	**1,277**	**-**	**-**	**-**	**-**	**50**	**3**	**-**
Marion (IL)	83,646	1,277	-	-	-	-	50	3	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Southern Indiana G & E Co	**546,321**	**-**	**6,624**	**-**	**-**	**-**	**258**	**-**	**78**
A. B. Brown (IN)	253,786	-	6,115	-	-	-	117	-	72
Broadway (IN)	-	-	-	-	-	-	-	-	-
Culley (IN)	206,017	-	270	-	-	-	101	-	3
Northeast (IN)	-	-	-	-	-	-	-	-	-
Warrick (IN)	86,518	-	239	-	-	-	40	-	3
Southwestern Elec Pwr Co	**1,732,051**	**659**	**19,988**	**-**	**-**	**-**	**1,155**	**1**	**215**
Arsenal Hill (LA)	-	-	-	-	-	-	-	-	-
Flint Creek (AR)	310,626	467	-	-	-	-	191	1	-
Knox Lee (TX)	-	-	-	-	-	-	-	-	-
Lieberman (LA)	-	-	-	-	-	-	-	-	-
Lone Star (TX)	-	-	-	-	-	-	-	-	-
Pirkey (TX)	462,584	-	139	-	-	-	373	-	1
Welsh (TX)	958,841	192	-	-	-	-	591	*	-
Wilkes (TX)	-	-	19,849	-	-	-	-	-	213
Southwestern Pub Serv Co	**1,070,448**	**12**	**312,767**	**-**	**-**	**-**	**611**	**-**	**3,361**
Carlsbad (NM)	-	-	-	-	-	-	-	-	-
Cunningham (NM)	-	-	79,890	-	-	-	-	-	843
Harrington (TX)	606,491	-	1,171	-	-	-	345	-	11
Jones (TX)	-	-	165,852	-	-	-	-	-	1,743
Maddox (NM)	-	-	10,695	-	-	-	-	-	126
Moore County (TX)	-	-	-61	-	-	-	-	-	-
Nichols (TX)	-	-	7,321	-	-	-	-	-	95
Plant X (TX)	-	-	46,571	-	-	-	-	-	529
Riverview (TX)	-	-	-	-	-	-	-	-	-
Tolk Station (TX)	463,957	-	1,328	-	-	-	266	-	14
Tucumcari (NM)	-	12	-	-	-	-	-	*	-
Springfield (City of)	**144,629**	**50**	**-**	**-**	**-**	**-**	**79**	**-**	**-**
Dallman (IL)	129,807	43	-	-	-	-	69	*	-
Factory (IL)	-	-	-	-	-	-	-	-	-
Interstate (IL)	-	-	-	-	-	-	-	-	-
Lakeside (IL)	14,822	7	-	-	-	-	10	*	-
Reynolds (IL)	-	-	-	-	-	-	-	*	-
Springfield (City of)	**244,464**	**-**	**631**	**-**	**-**	**-**	**150**	**-**	**7**
James River (MO)	123,405	-	508	-	-	-	77	-	6
Main Street (MO)	-	-	-	-	-	-	-	-	-
McCartney (MO)	-	-	-	-	-	-	-	-	-
Moonlake (NE)	-	-	-	-	-	-	-	-	-
Southwest (MO)	121,059	-	123	-	-	-	73	-	2
St Joseph Lgt & Pwr Co	**59,604**	**-**	**120**	**-**	**-**	**-**	**36**	**-**	**5**
Lake Road (MO)	59,604	-	120	-	-	-	36	-	5
Sunflower Elec Coop	**227,169**	**-**	**188**	**-**	**-**	**-**	**137**	**-**	**5**
Garden City (KS)	-	-	-136	-	-	-	-	-	*
Holcomb (KS)	227,169	-	324	-	-	-	137	-	5
Systems Energy Resources Inc	**-**	**-**	**-**	**-**	**909,649**	**-**	**-**	**-**	**-**
Grand Gulf (MS)	-	-	-	-	909,649	-	-	-	-
Tacoma (City of)	**-**	**-**	**-**	**145,680**	**-**	**-**	**-**	**-**	**-**
Alder (WA)	-	-	-	9,012	-	-	-	-	-
Cushman 1 (WA)	-	-	-	16,635	-	-	-	-	-
Cushman 2 (WA)	-	-	-	32,953	-	-	-	-	-
La Grande (WA)	-	-	-	15,791	-	-	-	-	-
Mayfield (WA)	-	-	-	28,418	-	-	-	-	-
Mossyrock (WA)	-	-	-	38,532	-	-	-	-	-
Wynoochee (WA)	-	-	-	4,339	-	-	-	-	-
Tallahassee (City of)	**-**	**7,459**	**184,546**	**2,994**	**-**	**-**	**-**	**12**	**1,529**
Hopkins, Arvah B (FL)	-	5,636	48,867	-	-	-	-	10	547
Jackson Bluff (FL)	-	-	-	2,994	-	-	-	-	-
Purdom, S O (FL)	-	1,823	135,679	-	-	-	-	2	982
Tampa Electric Co	**998,283**	**14,149**	**5,498**	**-**	**-**	**-**	**462**	**23**	**74**
Big Bend (FL)	587,454	2,104	-	-	-	-	268	4	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Tampa Electric Co (Continued)									
Coal Storage (FL)	-	-	-	-	-	-	-	-	-
Gannon, F J (FL)	255,122	-	-	-	-	-	132	-	-
Hookers Point (FL)	-	-138	-	-	-	-	-	-	-
Polk (FL)	155,707	5,285	5,498	-	-	-	63	8	74
S Dinner Lk (FL)	-	-	-	-	-	-	-	-	-
S Phillips (FL)	-	6,898	-	-	-	-	-	11	-
Taunton (City of)	**-**	**883**	**6,994**	**-**	**-**	**-**	**-**	**2**	**76**
Cleary, B F (MA)	-	883	6,994	-	-	-	-	2	76
Tennessee Valley Auth	**6,839,912**	**13,394**	**5,547**	**1,387,856**	**4,089,708**	**-**	**2,991**	**26**	**77**
Allen (TN)	455,941	380	-266	-	-	-	221	1	1
Apalachia (TN)	-	-	-	51,020	-	-	-	-	-
Blue Ridge (GA)	-	-	-	464	-	-	-	-	-
Boone (TN)	-	-	-	15,823	-	-	-	-	-
Browns Ferry (AL)	-	-	-	-	1,601,472	-	-	-	-
Bull Run (TN)	508,356	-	-	-	-	-	186	-	-
Chatuge (NC)	-	-	-	1,526	-	-	-	-	-
Cherokee (TN)	-	-	-	39,896	-	-	-	-	-
Chickamauga (TN)	-	-	-	84,698	-	-	-	-	-
Colbert (AL)	431,119	3,717	-	-	-	-	201	8	-
Cumberland (TN)	862,894	3,629	-	-	-	-	358	6	-
Douglas (TN)	-	-	-	36,657	-	-	-	-	-
Fontana (NC)	-	-	-	102,763	-	-	-	-	-
Fort Loudoun (TN)	-	-	-	77,142	-	-	-	-	-
Fort Patrick Henry (TN)	-	-	-	8,179	-	-	-	-	-
Gallatin (TN)	496,994	1,706	1,917	-	-	-	241	4	25
Great Falls (TN)	-	-	-	19,213	-	-	-	-	-
Guntersville (AL)	-	-	-	79,213	-	-	-	-	-
Hiwassee (NC)	-	-	-	24,079	-	-	-	-	-
Johnsonville (TN)	574,611	1,881	3,896	-	-	-	263	4	51
Kentucky (KY)	-	-	-	135,255	-	-	-	-	-
Kingston (TN)	727,125	563	-	-	-	-	296	1	-
Melton Hill (TN)	-	-	-	15,210	-	-	-	-	-
Nickajack (TN)	-	-	-	53,331	-	-	-	-	-
Norris (TN)	-	-	-	42,225	-	-	-	-	-
Nottely (GA)	-	-	-	2,611	-	-	-	-	-
Ocoee 1 (TN)	-	-	-	12,511	-	-	-	-	-
Ocoee 2 (TN)	-	-	-	9,554	-	-	-	-	-
Ocoee 3 (TN)	-	-	-	6,242	-	-	-	-	-
Paradise (KY)	822,283	96	-	-	-	-	349	*	-
Pickwick (TN)	-	-	-	139,582	-	-	-	-	-
Raccoon Mountain (TN)	-	-	-	-41,869	-	-	-	-	-
Sequoyah (TN)	-	-	-	-	1,648,005	-	-	-	-
Sevier, John (TN)	420,128	278	-	-	-	-	164	*	-
Shawnee (KY)	681,534	753	-	-	-	-	316	1	-
South Holston (TN)	-	-	-	9,820	-	-	-	-	-
Tims Ford (TN)	-	-	-	7,872	-	-	-	-	-
Watauga (TN)	-	-	-	9,447	-	-	-	-	-
Watts Bar (TN)	-	-	-	-	-	-	-	-	-
Watts Bar (TN)	-	-	-	-	-	-	-	-	-
Watts Bar (TN)	-	-	-	-	840,231	-	-	-	-
Wheeler (AL)	-	-	-	145,268	-	-	-	-	-
Widows Creek (AL)	858,927	391	-	-	-	-	395	1	-
Wilbur (TN)	-	-	-	1,720	-	-	-	-	-
Wilson (AL)	-	-	-	298,404	-	-	-	-	-
Terrebonne Parish Consol Govt	**-**	**-29**	**451**	**-**	**-**	**-**	**-**	**-**	**9**
Houma (LA)	-	-29	451	-	-	-	-	-	9
Texas Mun Power Agency	**199,765**	**-**	**1,031**	**-**	**-**	**-**	**120**	**-**	**15**
Gibbons Creek (TX)	199,765	-	1,031	-	-	-	120	-	15
Texas-New Mexico Power Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
TNP One (TX)	-	-	-	-	-	-	-	-	-
Toledo Edison Co (The)	**320,150**	**179**	**8,756**	**-**	**-2,910**	**-**	**140**	**-**	**139**
Bay Shore (OH)	320,150	180	-	-	-	-	140	*	-
Davis-Besse (OH)	-	-	-	-	-2,910	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Toledo Edison Co (The) (Continued)									
Richland (OH)	-	1	8,756	-	-	-	-	*	139
Stryker (OH)	-	-2	-	-	-	-	-	-	-
Tri-state G & T Assn Inc	**970,062**	**1,339**	**1,569**	**-**	**-**	**-**	**506**	**3**	**15**
Burlington (CO)	-	570	-	-	-	-	-	1	-
Craig (CO)	809,456	769	1,011	-	-	-	416	2	9
Escalante (NM)	95,228	-	475	-	-	-	54	-	6
Nucla (CO)	65,378	-	83	-	-	-	35	-	*
Tucson Electric Power Co	**559,485**	**614**	**14,166**	**-**	**-**	**2,992**	**322**	**1**	**159**
De Moss Petrie (AZ)	-	-	304	-	-	-	-	-	2
Irvington (AZ)	57,384	-	13,529	-	-	2,992	26	-	154
North Loop (AZ)	-	-	333	-	-	-	-	-	3
Springerville (AZ)	502,101	614	-	-	-	-	296	1	-
Turlock Irrigation Dist	**-**	**-**	**6,392**	**3,310**	**-**	**-**	**-**	**-**	**62**
Almond (CA)	-	-	6,391	-	-	-	-	-	61
Hickman (CA)	-	-	-	-3	-	-	-	-	-
Lagrange (CA)	-	-	-	512	-	-	-	-	-
New Don Pedro (CA)	-	-	-	2,808	-	-	-	-	-
Turlock Lake (CA)	-	-	-	-4	-	-	-	-	-
Uppr Dawson (CA)	-	-	-	-3	-	-	-	-	-
Walnut (CA)	-	-	1	-	-	-	-	-	1
United Power Assn	**114,149**	**196**	**316**	**-**	**-**	**13,446**	**93**	**-**	**5**
Cambridge (MN)	-	20	-	-	-	-	-	*	-
Elk River (MN)	-	-	316	-	-	13,446	-	-	5
Maple Lake (MN)	-	43	-	-	-	-	-	*	-
Rock Lake (MN)	-	22	-	-	-	-	-	*	-
Stanton (ND)	114,149	111	-	-	-	-	93	*	-
USBR-Great Plains Region	**-**	**-**	**-**	**96,487**	**-**	**-**	**-**	**-**	**-**
Alcova (WY)	-	-	-	2,750	-	-	-	-	-
Big Thompson (CO)	-	-	-	-	-	-	-	-	-
Boysen (WY)	-	-	-	411	-	-	-	-	-
Buffalo Bill (WY)	-	-	-	-36	-	-	-	-	-
Canyon Ferry (MT)	-	-	-	24,938	-	-	-	-	-
Estes (CO)	-	-	-	9,804	-	-	-	-	-
Flatiron (CO)	-	-	-	13,198	-	-	-	-	-
Fremont Canyon (WY)	-	-	-	4,308	-	-	-	-	-
Glendo (WY)	-	-	-	-95	-	-	-	-	-
Green Mountain (CO)	-	-	-	1,610	-	-	-	-	-
Guernsey (WY)	-	-	-	-29	-	-	-	-	-
Heart Mountain (WY)	-	-	-	-28	-	-	-	-	-
Kortes (WY)	-	-	-	5,587	-	-	-	-	-
Marys Lake (CO)	-	-	-	3,957	-	-	-	-	-
Mount Elbert (CO)	-	-	-	-9,835	-	-	-	-	-
Pilot Butte (WY)	-	-	-	139	-	-	-	-	-
Pole Hill (CO)	-	-	-	14,952	-	-	-	-	-
Seminoe (WY)	-	-	-	4,127	-	-	-	-	-
Shoshone (WY)	-	-	-	844	-	-	-	-	-
Spirit Mountain (WY)	-	-	-	-31	-	-	-	-	-
Yellowtail (MT)	-	-	-	19,916	-	-	-	-	-
USBR-Lower Colorado Region	**-**	**-**	**-**	**370,758**	**-**	**-**	**-**	**-**	**-**
Davis (AZ)	-	-	-	69,657	-	-	-	-	-
Hoover (AZ)	-	-	-	94,848	-	-	-	-	-
Hoover (NV)	-	-	-	179,448	-	-	-	-	-
Parker (CA)	-	-	-	26,805	-	-	-	-	-
USBR-Mid Pacific Region	**-**	**-**	**-**	**180,726**	**-**	**-**	**-**	**-**	**-**
Folsom (CA)	-	-	-	19,351	-	-	-	-	-
Judge F Carr (CA)	-	-	-	6,265	-	-	-	-	-
Keswick (CA)	-	-	-	24,746	-	-	-	-	-
Lewiston (CA)	-	-	-	306	-	-	-	-	-
New Melones (CA)	-	-	-	2,428	-	-	-	-	-
Nimbus (CA)	-	-	-	3,242	-	-	-	-	-
O Neill (CA)	-	-	-	135	-	-	-	-	-
Shasta (CA)	-	-	-	108,735	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
USBR-Mid Pacific Region (Continued)									
Spring Creek (CA)	-	-	-	6,447	-	-	-	-	-
Stampede (CA)	-	-	-	128	-	-	-	-	-
Trinity (CA)	-	-	-	8,943	-	-	-	-	-
USBR-Pacific NW Region	**-**	**-**	**-**	**1,736,076**	**-**	**-**	**-**	**-**	**-**
Anderson Ranch (ID)	-	-	-	2,579	-	-	-	-	-
Black Canyon (ID)	-	-	-	2,244	-	-	-	-	-
Boise River Div (ID)	-	-	-	-	-	-	-	-	-
Chandler (WA)	-	-	-	5,752	-	-	-	-	-
Grand Coulee (WA)	-	-	-	1,657,338	-	-	-	-	-
Green Springs (OR)	-	-	-	3,844	-	-	-	-	-
Hungry Horse (MT)	-	-	-	57,471	-	-	-	-	-
Minidoka (ID)	-	-	-	913	-	-	-	-	-
Palisades (ID)	-	-	-	5,274	-	-	-	-	-
Roza (WA)	-	-	-	661	-	-	-	-	-
USBR-Upper Colorado Region	**-**	**-**	**-**	**233,707**	**-**	**-**	**-**	**-**	**-**
Blue Mesa (CO)	-	-	-	2,465	-	-	-	-	-
Crystal (CO)	-	-	-	-103	-	-	-	-	-
Deer Creek (UT)	-	-	-	810	-	-	-	-	-
Elephant Butte (NM)	-	-	-	-45	-	-	-	-	-
Flaming Gorge (UT)	-	-	-	15,354	-	-	-	-	-
Fontenelle (WY)	-	-	-	1,614	-	-	-	-	-
Glen Canyon (AZ)	-	-	-	207,915	-	-	-	-	-
Lower Molina (CO)	-	-	-	566	-	-	-	-	-
McPhee (CO)	-	-	-	-	-	-	-	-	-
Morrow Point (CO)	-	-	-	4,181	-	-	-	-	-
Towaoc (CO)	-	-	-	-32	-	-	-	-	-
Upper Molina (CO)	-	-	-	982	-	-	-	-	-
USCE-Hartwell Power Plant	**-**	**-**	**-**	**26,069**	**-**	**-**	**-**	**-**	**-**
Hartwell (GA)	-	-	-	26,069	-	-	-	-	-
USCE-J Strom Thur Pwr Plt	**-**	**-**	**-**	**24,183**	**-**	**-**	**-**	**-**	**-**
J Strom Thurmond (SC)	-	-	-	24,183	-	-	-	-	-
USCE-Kansas City Dist	**-**	**-**	**-**	**-461**	**-**	**-**	**-**	**-**	**-**
Harry S Truman (MO)	-	-	-	-343	-	-	-	-	-
Stockton (MO)	-	-	-	-118	-	-	-	-	-
USCE-Little Rock	**-**	**-**	**-**	**105,030**	**-**	**-**	**-**	**-**	**-**
Beaver (AR)	-	-	-	6,508	-	-	-	-	-
Bull Shoals (AR)	-	-	-	21,495	-	-	-	-	-
Dardanelle (AR)	-	-	-	23,678	-	-	-	-	-
Greers Ferry (AR)	-	-	-	8,038	-	-	-	-	-
Norfork (AR)	-	-	-	5,541	-	-	-	-	-
Ozark (AR)	-	-	-	14,359	-	-	-	-	-
Table Rock (MO)	-	-	-	25,411	-	-	-	-	-
USCE-Missouri River District	**-**	**-**	**-**	**638,508**	**-**	**-**	**-**	**-**	**-**
Big Bend (SD)	-	-	-	76,514	-	-	-	-	-
Fort Peck (MT)	-	-	-	51,997	-	-	-	-	-
Fort Randall (SD)	-	-	-	119,854	-	-	-	-	-
Garrison (ND)	-	-	-	144,566	-	-	-	-	-
Gavins Point (NE)	-	-	-	64,727	-	-	-	-	-
Oahe (SD)	-	-	-	180,850	-	-	-	-	-
USCE-Mobile District	**-**	**-**	**-**	**210,614**	**-**	**-**	**-**	**-**	**-**
Allatoona (GA)	-	-	-	20,589	-	-	-	-	-
Buford (GA)	-	-	-	4,555	-	-	-	-	-
Carters (GA)	-	-	-	25,900	-	-	-	-	-
J Woodruff (FL)	-	-	-	21,351	-	-	-	-	-
Jones Bluff (AL)	-	-	-	46,333	-	-	-	-	-
Millers Ferry (AL)	-	-	-	48,760	-	-	-	-	-
Walter F George (GA)	-	-	-	26,403	-	-	-	-	-
West Point (GA)	-	-	-	16,723	-	-	-	-	-
USCE-Nashville	**-**	**-**	**-**	**235,264**	**-**	**-**	**-**	**-**	**-**
Barkley (KY)	-	-	-	90,083	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
USCE-Nashville (Continued)									
Center Hill (TN)	-	-	-	25,548	-	-	-	-	-
Cheatham (TN)	-	-	-	20,508	-	-	-	-	-
Cordell Hull (TN)	-	-	-	18,086	-	-	-	-	-
Dale Hollow (TN)	-	-	-	283	-	-	-	-	-
J Percy Priest (TN)	-	-	-	12,275	-	-	-	-	-
Laurel (KY)	-	-	-	3,907	-	-	-	-	-
Old Hickory (TN)	-	-	-	33,087	-	-	-	-	-
Wolf Creek (KY)	-	-	-	31,487	-	-	-	-	-
USCE-North Pacific Div	**-**	**-**	**-**	**3,450,631**	**-**	**-**	**-**	**-**	**-**
Albeni Falls (ID)	-	-	-	15,374	-	-	-	-	-
Big Cliff (OR)	-	-	-	10,678	-	-	-	-	-
Bonneville (OR)	-	-	-	405,958	-	-	-	-	-
Chief Joseph (WA)	-	-	-	874,108	-	-	-	-	-
Cougar (OR)	-	-	-	-	-	-	-	-	-
Detroit (OR)	-	-	-	35,942	-	-	-	-	-
Dexter (OR)	-	-	-	5,026	-	-	-	-	-
Dworshak (ID)	-	-	-	36,585	-	-	-	-	-
Foster (OR)	-	-	-	5,225	-	-	-	-	-
Green Peter (OR)	-	-	-	678	-	-	-	-	-
Hills Creek (OR)	-	-	-	15,041	-	-	-	-	-
Ice Harbor (WA)	-	-	-	82,300	-	-	-	-	-
John Day (OR)	-	-	-	661,664	-	-	-	-	-
Libby (MT)	-	-	-	84,790	-	-	-	-	-
Little Goose (WA)	-	-	-	78,729	-	-	-	-	-
Lookout Point (OR)	-	-	-	13,638	-	-	-	-	-
Lost Creek (OR)	-	-	-	9,668	-	-	-	-	-
Lower Granite (WA)	-	-	-	78,618	-	-	-	-	-
Lower Monumental (WA)	-	-	-	81,946	-	-	-	-	-
McNary (OR)	-	-	-	438,213	-	-	-	-	-
The Dalles (WA)	-	-	-	516,450	-	-	-	-	-
USCE-R B Russell	**-**	**-**	**-**	**33,148**	**-**	**-**	**-**	**-**	**-**
R B Russell (GA)	-	-	-	33,148	-	-	-	-	-
USCE-Tulsa District	**-**	**-**	**-**	**57,742**	**-**	**-**	**-**	**-**	**-**
Broken Bow (OK)	-	-	-	648	-	-	-	-	-
Denison (TX)	-	-	-	6,067	-	-	-	-	-
Eufaula (OK)	-	-	-	1,148	-	-	-	-	-
Fort Gibson (OK)	-	-	-	852	-	-	-	-	-
Keystone (OK)	-	-	-	21,019	-	-	-	-	-
Robert S Kerr (OK)	-	-	-	15,088	-	-	-	-	-
Tenkiller Ferry (OK)	-	-	-	1,949	-	-	-	-	-
Webbers Falls (OK)	-	-	-	10,971	-	-	-	-	-
USCE-Vicksburg District	**-**	**-**	**-**	**5,357**	**-**	**-**	**-**	**-**	**-**
Blakely Mountain (AR)	-	-	-	204	-	-	-	-	-
Degray (AR)	-	-	-	3,778	-	-	-	-	-
Narrows (AR)	-	-	-	1,375	-	-	-	-	-
USCE-Wilmington	**-**	**-**	**-**	**35,773**	**-**	**-**	**-**	**-**	**-**
John H Kerr (VA)	-	-	-	35,434	-	-	-	-	-
Philpott (VA)	-	-	-	339	-	-	-	-	-
UtiliCorp United Inc	**242,496**	**279**	**637**	**-**	**-**	**-**	**131**	**1**	**12**
Green, Ralph (MO)	-	-	52	-	-	-	-	-	2
Greenwood (MO)	-	-	597	-	-	-	-	-	10
Kci (MO)	-	-	-12	-	-	-	-	-	-
Nevada (MO)	-	-15	-	-	-	-	-	-	-
Sibley (MO)	242,496	294	-	-	-	-	131	1	-
UtiliCorp United Inc	**22,760**	**2**	**29,167**	**-**	**-**	**-**	**13**	**-**	**466**
Cimarron River (KS)	-	-	-30	-	-	-	-	-	*
Clark, W N (CO)	22,760	-	-	-	-	-	13	-	-
Clifton (KS)	-	-	-45	-	-	-	-	-	7
Judson Large (KS)	-	-	25,404	-	-	-	-	-	382
Mullergren, Arthur (KS)	-	-	-188	-	-	-	-	-	1
Pueblo (CO)	-	17	4,026	-	-	-	-	*	76
Rocky Ford (CO)	-	-15	-	-	-	-	-	*	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Vero Beach (City of)	**-**	**1**	**1,989**	**-**	**-**	**-**	**-**	**-**	**30**
Municipal Plant (FL)	-	1	1,989	-	-	-	-	*	30
Vineland (City of)	**-**	**160**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Down, Howard (NJ)	-	-	-	-	-	-	-	*	-
West (NJ)	-	160	-	-	-	-	-	*	-
Virginia Elec & Power Co	**3,082,330**	**193,590**	**38,311**	**-37,392**	**1,777,662**	**-**	**1,246**	**315**	**347**
1st Energy (VA)	-	-	-	-	-	-	-	-	-
Altavista (VA)	33,311	-	-	-	-	-	16	-	1
Bath County (VA)	-	-	-	-90,591	-	-	-	-	-
Bell Meade (VA)	-	196	965	-	-	-	-	*	12
Bremo Bluff (VA)	117,892	380	-	-	-	-	51	1	-
Chesapeake (VA)	259,535	1,510	-	-	-	-	104	3	-
Chesterfield (VA)	693,722	2,356	33,732	-	-	-	275	4	296
Clover (VA)	611,226	54	-	-	-	-	240	*	-
Cushaw (VA)	-	-	-	-	-	-	-	-	-
Darbytown (VA)	-	65	395	-	-	-	-	*	4
Gaston (NC)	-	-	-	26,871	-	-	-	-	-
Gravel Neck (VA)	-	51	895	-	-	-	-	*	11
Hopewell (VA)	-	-	-	-	-	-	-	-	-
Kitty Hawk (NC)	-	-	-	-	-	-	-	-	-
Low Moor (VA)	-	47	-	-	-	-	-	*	-
Mt Storm (WV)	1,016,379	4,281	-	-	-	-	408	7	-
North Anna (VA)	-	-	-	-	673,544	-	-	-	-
North Branch (WV)	-	-	-	-	-	-	-	-	-
Northern Neck (VA)	-	29	-	-	-	-	-	*	-
Possum Point (VA)	131,131	58	-	-	-	-	58	2	-
Roanoke Rapids (NC)	-	-	-	26,328	-	-	-	-	-
Southhampton (VA)	30,304	1,122	-	-	-	-	17	2	-
Surry (VA)	-	-	-	-	1,104,118	-	-	-	-
Yktn Term A (VA)	-	-	-	-	-	-	-	-	-
Yorktown (VA)	188,830	183,441	2,324	-	-	-	77	296	23
Waverly (City of)	**-**	**12**	**22**	**-**	**-**	**487**	**-**	**-**	**-**
East Hydro (IA)	-	-	-	-	-	-	-	-	-
North Plant (IA)	-	7	22	-	-	-	-	*	*
Northwest (IA)	-	-	-	-	-	343	-	-	-
Skeets 1 (IA)	-	-	-	-	-	144	-	-	-
South Plant (IA)	-	5	-	-	-	-	-	*	-
Western Farmers Elec Coop	**305,251**	**22**	**56,384**	**-**	**-**	**-**	**189**	**-**	**542**
Anadarko (OK)	-	9	56,384	-	-	-	-	*	542
Hugo (OK)	305,251	13	-	-	-	-	189	*	-
Mooreland (OK)	-	-	-	-	-	-	-	-	-
Wisconsin Electric Pwr Co	**1,476,993**	**1,625**	**7,306**	**34,882**	**734,354**	**264**	**894**	**3**	**97**
Appleton (WI)	-	-	-	1,235	-	-	-	-	-
Big Quinnesec 61 (MI)	-	-	-	21	-	-	-	-	-
Big Quinnesec 92 (MI)	-	-	-	9,887	-	-	-	-	-
Brule (MI)	-	-	-	1,414	-	-	-	-	-
Byron (WI)	-	-	-	-	-	264	-	-	-
Chalk Hill (MI)	-	-	-	2,637	-	-	-	-	-
Concord (WI)	-	7	443	-	-	-	-	*	10
Germantown (WI)	-	62	464	-	-	-	-	*	7
Hemlock Falls (MI)	-	-	-	-	-	-	-	-	-
Kingsford (MI)	-	-	-	2,635	-	-	-	-	-
Lower Paint (MI)	-	-	-	8	-	-	-	-	-
Michigamme Falls (MI)	-	-	-	2,973	-	-	-	-	-
Milwaukee County (WI)	1,769	-	54	-	-	-	4	-	3
Oil Storage (WI)	-	-	-	-	-	-	-	-	-
Paris (WI)	-	1,133	1,986	-	-	-	-	3	29
Peavy Falls (MI)	-	-	-	5,040	-	-	-	-	-
Pine (WI)	-	-	-	1,325	-	-	-	-	-
Pleasant Prairie (WI)	754,543	-	996	-	-	-	469	-	11
Point Beach (WI)	-	-	-	-	734,354	-	-	-	-
Port Washington (WI)	29,804	-	-	-	-	-	18	-	-
Presque Isle (MI)	241,957	423	-	-	-	-	130	1	-
South Oak Creek (WI)	366,701	-	3,157	-	-	-	216	-	35

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, November 2002 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Wisconsin Electric Pwr Co (Continued)									
Sturgeon (MI)	-	-	-	472	-	-	-	-	-
Twin Falls (MI)	-	-	-	3,120	-	-	-	-	-
Valley (WI)	82,219	-	206	-	-	-	57	-	4
Way (MI)	-	-	-	978	-	-	-	-	-
White Rapids (MI)	-	-	-	3,137	-	-	-	-	-
Wisconsin Pub Serv Corp	**451,763**	**1**	**16,441**	**30,408**	**380,890**	**1,703**	**286**	**-**	**222**
Alexander (WI)	-	-	-	2,558	-	-	-	-	-
Caldron Falls (WI)	-	-	-	1,101	-	-	-	-	-
Eagle River (WI)	-	-	-	-	-	-	-	-	-
Glenmore (WI)	-	-	-	-	-	222	-	-	-
Grand Rapids (MI)	-	-	-	3,932	-	-	-	-	-
Grandfather Falls (WI)	-	-	-	11,360	-	-	-	-	-
Hat Rapids (WI)	-	-	-	721	-	-	-	-	-
High Falls (WI)	-	-	-	1,404	-	-	-	-	-
Jersey (WI)	-	-	-	326	-	-	-	-	-
Johnson Falls (WI)	-	-	-	932	-	-	-	-	-
Kewaunee (WI)	-	-	-	-	380,890	-	-	-	-
Lincoln (WI)	-	-	-	-	-	1,481	-	-	-
Merrill (WI)	-	-	-	1,183	-	-	-	-	-
Oneida Casino (WI)	-	-	-	-	-	-	-	-	-
Otter Rapids (WI)	-	-	-	185	-	-	-	-	-
Peshtigo (WI)	-	-	-	332	-	-	-	-	-
Potato Rapids (WI)	-	-	-	333	-	-	-	-	-
Pulliam (WI)	193,243	-	1,561	-	-	-	128	-	20
Sandstone Rapids (WI)	-	-	-	997	-	-	-	-	-
Tomahawk (WI)	-	-	-	1,469	-	-	-	-	-
Wausau (WI)	-	-	-	3,575	-	-	-	-	-
West Marinette (WI)	-	-	11,876	-	-	-	-	*	162
Weston (WI)	258,520	1	3,004	-	-	-	158	*	40
Wisconsin Pwr & Lgt Co	**968,866**	**1,161**	**17,394**	**18,490**	**-**	**6,679**	**524**	**2**	**208**
Blackhawk (WI)	-	-	42	-	-	-	-	-	6
Columbia (WI)	529,051	424	-	-	-	-	283	1	-
Dewey, Nelson (WI)	56,567	51	-	-	-	-	31	*	-
Edgewater (WI)	383,248	664	-	-	-	6,679	210	1	-
Kilbourn (WI)	-	-	-	6,380	-	-	-	-	-
NA 1 (WI)	-	-	1,295	-	-	-	-	-	11
Prairie Du Sac (WI)	-	-	-	12,110	-	-	-	-	-
Rock River (WI)	-	22	16,054	-	-	-	-	*	191
Shawano (WI)	-	-	-	-	-	-	-	-	-
Sheepskin (WI)	-	-	3	-	-	-	-	-	*
Wolf Creek Nuclear Corp	**-**	**-**	**-**	**-**	**858,367**	**-**	**-**	**-**	**-**
Wolf Creek (KS)	-	-	-	-	858,367	-	-	-	-
Wolverine Pwr supply Coop	**-**	**64**	**2,081**	**-**	**-**	**-**	**-**	**-**	**29**
Gaylord (MI)	-	-	554	-	-	-	-	-	9
Johnson, George (MI)	-	-	1,349	-	-	-	-	-	16
Scottville (MI)	-	-	-	-	-	-	-	-	-
Tower (MI)	-	10	-	-	-	-	-	*	-
Vandyke, Claude (MI)	-	-	96	-	-	-	-	-	3
Vestaburg (MI)	-	54	82	-	-	-	-	*	1
Wyandotte (City of)	**23,119**	**-**	**88**	**-**	**-**	**1,985**	**11**	**-**	**1**
Wyandotte (MI)	23,119	-	88	-	-	1,985	11	-	1
Yuba County Water Agency	**-**	**-**	**-**	**48,969**	**-**	**-**	**-**	**-**	**-**
Fish Power (CA)	-	-	-	74	-	-	-	-	-
New Colgate (CA)	-	-	-	41,044	-	-	-	-	-
New Narrows (CA)	-	-	-	7,851	-	-	-	-	-

[1] Other energy sources include geothermal, wood, waste, wind, and solar.

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Total may not equal sum of components because of independent rounding. • Net generation for jointly owned units is reported by the operator. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Station losses include energy used for pumped storage. • Generation is included for plants in test status. • Nuclear generation is included for those plants with an operating license issued authorizing fuel loading/low power testing prior to receipt of full power amendment. • Central storage is a common area for fuel stocks not assigned to specific plants. • Mcf=thousand cubic feet and bbls=barrels. • Holding Companies are: AEP is American Electric Power, APS is Allegheny Power System, ACE is Atlantic City Electric, CSW is Central & South West Corporation, CES is Commonwealth Energy System, DMV is Delmarva, EU is Eastern Utilities Associates Company, GPS is General Public Utilities, MSU is Middle South Utilities, NEES is New England Electric System, NU is Northeast Utilities, SC is Southern Company.

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

Monthly Plant Aggregates: U.S. Electric Utility Receipts, Cost, and Quality of Fossil Fuels

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, October 2002

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Alabama Electric Coop Inc	**123**	**140.5**	**33.18**	**1.39**	**1**	**767.6**	**42.07**	**-**	**695**	**378.1**	**3.92**	**80**	**-**	**20**
Lowman (AL)	123	140.5	33.18	1.39	1	767.6	42.07	-	-	-	-	100	*	-
McWilliams (AL)	-	-	-	-	-	-	-	-	695	378.1	3.92	-	-	100
Alabama Power Co[3]	**2,233**	**134.2**	**28.08**	**0.61**	**4**	**584.1**	**33.86**	**-**	**4,203**	**422.1**	**4.42**	**91**	**-**	**9**
Barry (AL)	348	170.4	40.48	0.62	-	-	-	-	3,029	425.4	4.48	72	-	28
Gadsden (AL)	30	160.0	39.02	1.73	-	-	-	-	23	415.4	4.20	97	-	3
Gaston (AL)	442	109.0	26.16	1.10	2	588.3	34.10	-	-	-	-	100	*	-
GE Plastic (AL)	-	-	-	-	-	-	-	-	475	431.5	4.44	-	-	100
Gorgas 2 and 3 (AL)	243	162.8	39.48	0.79	2	580.5	33.65	-	-	-	-	100	*	-
Greene (AL)	114	134.3	32.04	1.31	-	-	-	-	7	425.0	4.37	100	-	*
James Miller (AL)	1,056	122.4	21.43	0.24	-	-	-	-	59	416.6	4.17	100	-	*
Washington (AL)	-	-	-	-	-	-	-	-	610	399.5	4.14	-	-	100
Alexandria City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**15**	**480.2**	**5.05**	**-**	**-**	**100**
Alexandria-Hunter (LA)	-	-	-	-	-	-	-	-	15	480.2	5.05	-	-	100
Ameren UE	**1,911**	**89.0**	**15.59**	**0.39**	**3**	**643.0**	**37.00**	**0.29**	**84**	**417.0**	**4.27**	**100**	**-**	**-**
Labadie (MO)	756	81.1	14.09	0.33	1	659.7	37.96	0.29	-	-	-	100	*	-
Meramec (MO)	262	93.1	16.63	0.29	-	-	-	-	76	419.4	4.29	98	-	2
Rush Island (MO)	546	91.3	15.44	0.41	2	634.7	36.52	0.29	-	-	-	100	*	-
Sioux (MO)	347	98.7	18.34	0.56	-	-	-	-	-	-	-	100	-	-
Venice No.2 (IL)	-	-	-	-	-	-	-	-	8	393.9	4.03	-	-	100
American Municipal Power	**55**	**125.1**	**29.01**	**1.92**	**-**	**-**	**-**	**-**	**2**	**486.3**	**5.06**	**100**	**-**	**-**
Gorsuch (OH)	55	125.1	29.01	1.92	-	-	-	-	2	486.3	5.06	100	-	*
Ames City of	**25**	**148.4**	**25.76**	**0.19**	**1**	**650.6**	**37.77**	**0.20**	**-**	**-**	**-**	**99**	**1**	**-**
Ames (IA)	25	148.4	25.76	0.19	1	650.6	37.77	0.20	-	-	-	99	1	-
Anchorage City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**556**	**210.1**	**2.10**	**-**	**-**	**100**
George Sullivan (AK)	-	-	-	-	-	-	-	-	556	210.1	2.10	-	-	100
Appalachian Power Co	**1,260**	**129.7**	**31.55**	**0.77**	**-**	**877.3**	**51.57**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Amos (WV)	582	127.3	30.71	0.79	-	-	-	-	-	-	-	100	-	-
Clinch River (VA)	163	132.1	32.82	0.79	*	623.4	36.54	-	-	-	-	100	*	-
Glen Lyn (VA)	76	144.3	37.01	0.90	-	-	-	-	-	-	-	100	-	-
Kanawha River (WV)	125	119.0	29.41	0.79	*	1,003.7	59.09	-	-	-	-	100	*	-
Mountaineer (WV)	313	133.6	31.99	0.68	-	-	-	-	-	-	-	100	-	-
Arizona Electric Pwr Coop Inc	**63**	**138.5**	**25.89**	**0.79**	**-**	**-**	**-**	**-**	**703**	**368.3**	**3.76**	**62**	**-**	**38**
Apache (AZ)	63	138.5	25.89	0.79	-	-	-	-	703	368.3	3.76	62	-	38
Arizona Public Service Co	**1,165**	**115.7**	**21.13**	**0.70**	**-**	**-**	**-**	**-**	**1,158**	**352.7**	**3.58**	**95**	**-**	**5**
Cholla (AZ)	375	116.6	22.69	0.50	-	-	-	-	1	456.3	4.65	100	-	*
Four Corners (NM)	790	115.3	20.39	0.80	-	-	-	-	92	435.6	4.40	99	-	1
Ocotillo (AZ)	-	-	-	-	-	-	-	-	85	349.0	3.55	-	-	100
Phoenix (AZ)	-	-	-	-	-	-	-	-	637	349.0	3.55	-	-	100
Saguaro (AZ)	-	-	-	-	-	-	-	-	43	345.0	3.53	-	-	100
Yucca (AZ)	-	-	-	-	-	-	-	-	301	337.0	3.41	-	-	100
Arkansas Power & Light Co	**1,172**	**136.2**	**23.60**	**0.28**	**5**	**547.0**	**32.32**	**0.50**	**1,450**	**420.2**	**4.28**	**93**	**-**	**7**
Couch (AR)	-	-	-	-	-	-	-	-	24	210.0	2.19	-	-	100
Independence (AR)	635	123.4	21.78	0.21	3	552.5	32.67	0.50	-	-	-	100	*	-
Lake Catherine (AR)	-	-	-	-	-	-	-	-	1,304	361.7	3.68	-	-	100
Lynch (AR)	-	-	-	-	*	540.4	31.94	0.50	21	801.1	8.14	-	*	100
Moses (AR)	-	-	-	-	-	-	-	-	19	853.5	8.66	-	-	100
Ritchie (AR)	-	-	-	-	-	-	-	-	82	1,214.1	12.36	-	-	100
Whitebluff (AR)	537	151.9	25.75	0.36	2	540.1	31.89	0.50	-	-	-	100	*	-
Associated Electric Coop Inc	**369**	**94.8**	**16.80**	**0.19**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Hill (MO)	118	84.2	15.04	0.19	-	-	-	-	-	-	-	100	-	-
Madrid (MO)	250	99.9	17.64	0.19	-	-	-	-	-	-	-	100	-	-
Atlantic City Electric Co	**65**	**210.3**	**54.79**	**2.19**	**-**	**268.0**	**15.53**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Deepwater (NJ)	7	204.4	50.18	0.72	-	-	-	-	-	-	-	100	-	-
England (NJ)	58	211.0	55.39	2.38	*	268.0	15.53	-	-	-	-	100	*	-
Austin City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2,055**	**361.5**	**3.67**	**-**	**-**	**100**
Decker Creek (TX)	-	-	-	-	-	-	-	-	1,369	361.9	3.67	-	-	100
Holly (TX)	-	-	-	-	-	-	-	-	686	360.7	3.66	-	-	100
Basin Electric Power Coop	**1,424**	**64.5**	**9.45**	**0.57**	**6**	**723.6**	**41.90**	**0.34**	**-**	**-**	**-**	**100**	**-**	**-**
Antelope Valley (ND)	475	71.4	9.35	0.73	1	687.0	39.78	0.34	-	-	-	100	*	-
Laramie River (WY)	560	48.8	8.11	0.31	5	731.3	42.35	0.34	-	-	-	100	*	-
Leland Olds (ND)	390	83.7	11.51	0.73	-	-	-	-	-	-	-	100	-	-
Big Rivers Electric Corp	**25**	**122.0**	**28.66**	**3.40**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Reid-Henderson (KY)	25	122.0	28.66	3.40	-	-	-	-	-	-	-	100	-	-
Black Hills Corp	**39**	**44.7**	**7.26**	**0.46**	**1**	**731.0**	**43.86**	**0.04**	**-**	**-**	**-**	**99**	**1**	**-**
Neal Simpson II (WY)	39	44.7	7.26	0.46	1	731.0	43.86	0.04	-	-	-	99	1	-
Braintree City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**28**	**452.3**	**4.65**	**-**	**-**	**100**
Potter Station (MA)	-	-	-	-	-	-	-	-	28	452.3	4.65	-	-	100
Brazos Electric Power Coop Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**567**	**344.6**	**3.45**	**-**	**-**	**100**
Miller (TX)	-	-	-	-	-	-	-	-	567	344.6	3.45	-	-	100

See footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, October 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Bryan City of	**-**	**-**	**-**	**-**	**-**	**506.3**	**28.93**	**0.05**	**279**	**396.0**	**4.02**	**-**	**-**	**100**
Bryan (TX)	-	-	-	-	-	-	-	-	5	394.3	4.00	-	-	100
Dansby (TX)	-	-	-	-	*	506.3	28.93	0.05	274	396.1	4.02	-	*	100
Burbank City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8**	**792.0**	**8.03**	**-**	**-**	**100**
Magnolia-Olive (CA)	-	-	-	-	-	-	-	-	8	792.0	8.03	-	-	100
Burlington City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4**	**437.4**	**4.39**	**-**	**-**	**100**
J C McNeil (VT)	-	-	-	-	-	-	-	-	4	437.4	4.39	-	-	100
Cardinal Operating Co	**315**	**145.5**	**35.04**	**1.18**	**11**	**601.1**	**35.29**	**-**	**-**	**-**	**-**	**99**	**1**	**-**
Cardinal (OH)	315	145.5	35.04	1.18	11	601.1	35.29	-	-	-	-	99	1	-
Carolina Power & Light Co	**942**	**189.6**	**47.12**	**0.79**	**8**	**605.7**	**35.11**	**0.20**	**-**	**-**	**-**	**100**	**-**	**-**
Asheville (NC)	82	186.8	46.63	0.77	*	658.7	38.18	0.20	-	-	-	100	*	-
Cape Fear (NC)	57	160.7	40.13	0.83	-	-	-	-	-	-	-	100	-	-
Lee (NC)	74	166.0	41.75	0.80	4	595.3	34.50	0.20	-	-	-	99	1	-
Mayo (NC)	193	201.8	49.40	0.67	1	586.2	33.98	0.20	-	-	-	100	*	-
Robinson (SC)	18	161.7	41.04	1.22	1	688.6	39.91	0.20	-	-	-	99	1	-
Roxboro (NC)	326	192.5	47.68	0.77	2	594.9	34.48	0.20	-	-	-	100	*	-
Sutton (NC)	144	199.9	50.34	0.83	*	653.8	37.89	0.20	-	-	-	100	*	-
Weatherspoon (NC)	47	176.5	44.06	1.14	-	-	-	-	-	-	-	100	-	-
Cedar Falls City of	**3**	**171.3**	**42.65**	**1.36**	**-**	**-**	**-**	**-**	**-**	**578.0**	**5.78**	**100**	**-**	**-**
Streeter (IA)	3	171.3	42.65	1.36	-	-	-	-	*	578.0	5.78	100	-	*
Central Electric Pwr Coop-MO	**14**	**161.6**	**33.69**	**2.06**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Chamois (MO)	14	161.6	33.69	2.06	-	-	-	-	-	-	-	100	-	-
Central Illinois Light Co	**249**	**156.0**	**33.94**	**1.96**	**-**	**737.6**	**43.06**	**0.03**	**-**	**-**	**-**	**100**	**-**	**-**
Duck Creek (IL)	97	162.8	34.85	3.37	*	737.6	43.06	0.03	-	-	-	100	*	-
Edwards (IL)	152	151.8	33.35	1.07	-	-	-	-	-	-	-	100	-	-
Central Iowa Power Coop	**26**	**140.3**	**31.40**	**2.54**	**-**	**-**	**-**	**-**	**3**	**494.5**	**4.97**	**100**	**-**	**-**
Fair Station (IA)	26	140.3	31.40	2.54	-	-	-	-	2	511.5	5.12	100	-	*
Summit Lake (IA)	-	-	-	-	-	-	-	-	1	460.0	4.66	-	-	100
Central Louisiana Elec Co Inc	**570**	**132.1**	**19.82**	**0.79**	**-**	**-**	**-**	**-**	**1,870**	**409.2**	**4.18**	**82**	**-**	**18**
Dolet Hills (LA)	377	127.6	17.58	0.96	-	-	-	-	3	434.7	4.48	100	-	*
Rodemacher (LA)	193	139.0	24.21	0.45	-	-	-	-	1,468	405.2	4.14	69	-	31
Teche (LA)	-	-	-	-	-	-	-	-	399	423.9	4.35	-	-	100
Central Operating Co	**188**	**123.0**	**29.72**	**1.02**	**3**	**703.4**	**40.46**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Sporn (WV)	188	123.0	29.72	1.02	3	703.4	40.46	-	-	-	-	100	*	-
Chugach Electric Assn Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**771**	**196.8**	**1.97**	**-**	**-**	**100**
Beluga (AK)	-	-	-	-	-	-	-	-	771	196.8	1.97	-	-	100
Coffeyville City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2**	**534.0**	**5.34**	**-**	**-**	**100**
Coffeyville (KS)	-	-	-	-	-	-	-	-	2	534.0	5.34	-	-	100
Colorado Springs City of	**149**	**81.1**	**15.82**	**0.35**	**2**	**670.0**	**38.92**	**0.05**	**167**	**256.1**	**2.54**	**94**	**-**	**5**
Birdsall (CO)	-	-	-	-	-	-	-	-	138	238.7	2.37	-	-	100
Drake (CO)	53	93.4	21.64	0.50	-	-	-	-	29	339.8	3.37	98	-	2
Nixon (CO)	96	71.9	12.57	0.27	2	670.0	38.92	0.05	1	242.1	2.40	99	1	*
Columbia City of	**10**	**230.5**	**61.91**	**1.22**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Columbia (MO)	10	230.5	61.91	1.22	-	-	-	-	-	-	-	100	-	-
Columbus & Southern Ohio El Co	**441**	**129.4**	**30.35**	**2.59**	**2**	**791.4**	**46.03**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Conesville (OH)	422	129.9	30.50	2.61	2	800.7	46.50	-	-	-	-	100	*	-
Picway (OH)	19	117.4	27.00	2.25	*	717.9	42.26	-	-	-	-	100	*	-
Consolidated Edison Co-NY Inc	**-**	**-**	**-**	**-**	**417**	**279.1**	**17.57**	**0.29**	**1,061**	**421.4**	**4.35**	**-**	**71**	**29**
East River (NY)	-	-	-	-	-	-	-	-	638	421.4	4.35	-	-	100
Storage Facility #7	-	-	-	-	417	279.1	17.57	0.29	-	-	-	-	100	-
Waterside (NY)	-	-	-	-	-	-	-	-	423	421.4	4.35	-	-	100
Consumers Power Co	**857**	**126.9**	**24.25**	**0.40**	**35**	**376.7**	**23.72**	**1.14**	**236**	**521.8**	**5.32**	**97**	**1**	**1**
Campbell (MI)	379	129.4	25.17	0.39	3	671.9	38.94	0.50	-	-	-	100	*	-
Cobb (MI)	131	123.7	22.35	0.49	-	-	-	-	-	-	-	100	-	-
Karn-Weadock (MI)	122	107.1	18.87	0.27	30	332.5	21.20	1.25	236	521.8	5.32	83	7	9
Weadock (MI)	167	141.0	29.28	0.53	1	701.2	40.64	0.50	-	-	-	100	*	-
Whiting (MI)	58	110.1	19.40	0.27	1	690.3	40.01	0.50	-	-	-	100	*	-
Coop Power Assn	**657**	**76.4**	**9.55**	**0.50**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Coal Creek (ND)	657	76.4	9.55	0.50	-	-	-	-	-	-	-	100	-	-
Dairyland Power Coop	**363**	**146.3**	**29.42**	**0.78**	**-**	**689.5**	**40.54**	**0.50**	**-**	**-**	**-**	**100**	**-**	**-**
Alma-Madgett (WI)	165	129.9	24.23	0.51	-	-	-	-	-	-	-	100	-	-
Genoa No.3 (WI)	198	158.2	33.74	1.01	*	689.5	40.54	0.50	-	-	-	100	*	-
Dayton Power & Light Co	**584**	**118.9**	**27.61**	**0.84**	**4**	**637.6**	**36.78**	**0.43**	**8**	**705.9**	**7.20**	**100**	**-**	**-**
Hutchings (OH)	38	139.7	36.10	0.83	-	-	-	-	8	705.9	7.20	99	-	1
Killen (OH)	135	119.0	28.52	0.65	-	-	-	-	-	-	-	100	-	-
Stuart (OH)	410	116.8	26.53	0.90	4	637.6	36.78	0.43	-	-	-	100	*	-
Denton City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**19**	**438.3**	**4.41**	**-**	**-**	**100**
Spencer (TX)	-	-	-	-	-	-	-	-	19	438.3	4.41	-	-	100
Deseret Generation & Tran Coop	**37**	**169.8**	**32.58**	**0.35**	**-**	**514.5**	**29.82**	**0.10**	**-**	**-**	**-**	**100**	**-**	**-**
Bonanza (UT)	37	169.8	32.58	0.35	*	514.5	29.82	0.10	-	-	-	100	*	-

See footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, October 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Detroit Edison Co	**1,732**	**109.0**	**21.74**	**0.54**	**12**	**670.1**	**38.95**	**0.19**	**725**	**279.1**	**2.57**	**98**	**-**	**2**
Belle River (MI)	401	81.6	15.28	0.32	7	670.3	39.04	0.10	-	-	-	99	1	-
Conners Creek (MI)	-	-	-	-	-	-	-	-	53	349.2	3.48	-	-	100
Greenwood (MI)	-	-	-	-	1	673.9	39.19	0.10	247	450.5	4.53	-	2	98
Harbor Beach (MI)	17	178.5	47.68	0.93	1	684.9	39.60	0.40	-	-	-	99	1	-
Monroe (MI)	564	130.2	26.31	0.57	3	663.3	38.44	0.35	-	-	-	100	*	-
River Rouge (MI)	82	157.3	35.77	0.64	-	-	-	-	402	131.9	1.12	84	-	16
St Clair (MI)	443	83.7	16.01	0.45	-	-	-	-	24	450.1	4.52	100	-	*
Trenton Channel (MI)	225	120.5	26.00	0.93	-	-	-	-	-	-	-	100	-	-
Dover City of	**-**	**-**	**-**	**-**	**40**	**469.9**	**29.55**	**0.95**	**11**	**474.9**	**4.90**	**-**	**96**	**4**
Mckee Run (DE)	-	-	-	-	40	469.9	29.55	0.95	11	474.9	4.90	-	96	4
Duke Power Co	**1,214**	**169.8**	**41.88**	**0.84**	**7**	**584.0**	**34.09**	**0.30**	**-**	**-**	**-**	**100**	**-**	**-**
Allen (NC)	196	176.8	43.51	0.84	1	595.1	34.79	0.30	-	-	-	100	*	-
Belews Creek (NC)	496	171.2	42.17	0.77	3	571.2	33.30	0.30	-	-	-	100	*	-
Buck (NC)	16	164.9	31.99	0.61	-	-	-	-	-	-	-	100	-	-
Cliffside (NC)	77	179.8	45.80	1.05	1	581.8	34.01	0.30	-	-	-	100	*	-
Lee (SC)	36	164.6	42.46	1.03	-	-	-	-	-	-	-	100	-	-
Marshall (NC)	336	161.3	40.10	0.80	2	598.7	34.95	0.30	-	-	-	100	*	-
Riverbend (NC)	57	174.3	41.39	1.24	-	-	-	-	-	-	-	100	-	-
East Kentucky Power Coop	**322**	**130.1**	**31.54**	**0.99**	**3**	**637.0**	**37.08**	**0.12**	**-**	**-**	**-**	**100**	**-**	**-**
Cooper (KY)	65	127.6	31.31	1.39	*	625.0	36.38	0.12	-	-	-	100	*	-
Dale (KY)	56	134.7	32.87	0.77	*	659.0	38.36	0.12	-	-	-	100	*	-
Spurlock (KY)	201	129.6	31.24	0.92	3	635.7	37.00	0.12	-	-	-	100	*	-
El Paso Electric Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2,439**	**282.0**	**2.87**	**-**	**-**	**100**
Newman (TX)	-	-	-	-	-	-	-	-	1,435	286.2	2.92	-	-	100
Rio Grande (TX)	-	-	-	-	-	-	-	-	1,004	276.0	2.81	-	-	100
Electric Energy Inc	**506**	**93.2**	**16.32**	**0.22**	**-**	**-**	**-**	**-**	**11**	**577.4**	**6.04**	**100**	**-**	**-**
Joppa (IL)	506	93.2	16.32	0.22	-	-	-	-	11	577.4	6.04	100	-	*
Fayetteville Public Works	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**87**	**575.1**	**5.95**	**-**	**-**	**100**
Butler Warner (NC)	-	-	-	-	-	-	-	-	87	575.1	5.95	-	-	100
Florida Power & Light Co	**-**	**-**	**-**	**-**	**3,697**	**438.8**	**27.94**	**0.90**	**27,542**	**467.3**	**4.85**	**-**	**45**	**55**
Cape Canaveral (FL)	-	-	-	-	394	425.4	27.35	0.99	930	467.3	4.85	-	72	28
Cutler (FL)	-	-	-	-	-	-	-	-	567	467.3	4.85	-	-	100
Fort Myers (FL)	-	-	-	-	40	766.6	42.50	0.05	6,146	467.3	4.84	-	3	97
Lauderdale (FL)	-	-	-	-	45	834.2	46.25	0.05	3,734	467.3	4.85	-	6	94
Manatee (FL)	-	-	-	-	1,003	431.5	27.55	0.98	-	-	-	-	100	-
Martin (FL)	-	-	-	-	623	469.6	29.84	0.74	6,794	467.3	4.85	-	36	64
Port Everglades (FL)	-	-	-	-	630	371.7	23.61	0.87	861	467.3	4.85	-	82	18
Putnam (FL)	-	-	-	-	-	-	-	-	1,741	467.3	4.85	-	-	100
Riviera (FL)	-	-	-	-	545	442.0	28.52	0.98	388	467.3	4.85	-	90	10
Sanford (FL)	-	-	-	-	65	440.6	28.50	0.98	4,494	467.3	4.85	-	8	92
Turkey Point (FL)	-	-	-	-	352	458.8	29.06	0.96	1,886	467.3	4.85	-	53	47
Florida Power Corp[4]	**563**	**220.8**	**55.86**	**0.83**	**1,239**	**412.8**	**27.18**	**1.49**	**14**	**542.9**	**5.43**	**63**	**36**	**1**
Anclote (FL)	-	-	-	-	1	687.5	40.19	0.50	14	518.2	5.18	-	19	81
Bartow (FL)	-	-	-	-	1,146	409.5	26.99	1.52	-	-	-	-	100	-
Crystal River (FL)	378	222.3	56.07	0.89	-	-	-	-	-	-	-	100	-	-
IMT Transfer (LA)	185	217.7	55.42	0.69	-	-	-	-	-	-	-	100	-	-
Suwannee (FL)	-	-	-	-	93	452.7	29.52	1.13	-	-	-	-	100	-
Fort Pierce City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**81**	**285.1**	**2.96**	**-**	**-**	**100**
H D King (FL)	-	-	-	-	-	-	-	-	81	285.1	2.96	-	-	100
Fremont City of	**28**	**120.8**	**21.09**	**0.30**	**-**	**-**	**-**	**-**	**7**	**391.0**	**3.91**	**99**	**-**	**1**
Wright (NE)	28	120.8	21.09	0.30	-	-	-	-	7	391.0	3.91	99	-	1
Gainesville City of	**48**	**209.0**	**54.36**	**0.67**	**-**	**-**	**-**	**-**	**1,057**	**453.3**	**4.71**	**53**	**-**	**47**
Deerhaven (FL)	48	209.0	54.36	0.67	-	-	-	-	579	453.3	4.71	67	-	33
Jr Kelly (FL)	-	-	-	-	-	-	-	-	478	453.3	4.71	-	-	100
Georgia Power Co	**2,770**	**167.6**	**38.97**	**0.78**	**5**	**610.2**	**35.49**	**0.50**	**3**	**347.6**	**3.60**	**100**	**-**	**-**
Atkinson-Mcdonough (GA)	65	157.5	40.34	0.88	-	-	-	-	-	-	-	100	-	-
Bowen (GA)	649	160.8	39.19	0.94	1	607.6	35.34	0.50	-	-	-	100	*	-
Hammond (GA)	150	147.5	38.17	0.86	1	601.4	34.98	0.50	-	-	-	100	*	-
Harllee Branch (GA)	394	176.4	43.34	1.02	1	615.0	35.77	0.50	-	-	-	100	*	-
Mitchell (GA)	11	178.6	45.60	1.05	-	-	-	-	-	-	-	100	-	-
Scherer (GA)	955	181.2	36.65	0.44	-	-	-	-	-	-	-	100	-	-
Wansley (GA)	368	155.4	39.23	0.85	-	-	-	-	3	347.6	3.60	100	-	*
Yates (GA)	179	160.0	40.15	1.22	1	616.9	35.89	0.50	-	-	-	100	*	-
Glendale City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**84**	**331.0**	**3.39**	**-**	**-**	**100**
Glendale (CA)	-	-	-	-	-	-	-	-	84	331.0	3.39	-	-	100
Grand Haven City of	**16**	**153.5**	**37.81**	**2.25**	**-**	**-**	**-**	**-**	**5**	**495.4**	**4.95**	**99**	**-**	**1**
J B Simms (MI)	16	153.5	37.81	2.25	-	-	-	-	5	495.4	4.95	99	-	1
Grand Island City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**198**	**414.6**	**4.15**	**-**	**-**	**100**
Burdick (NE)	-	-	-	-	-	-	-	-	198	414.6	4.15	-	-	100

See footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, October 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Grand River Dam Authority	**397**	**91.9**	**15.59**	**0.34**	**-**	**-**	**-**	**-**	**14**	**375.1**	**3.75**	**100**	**-**	**-**
GRDA No 1 (OK)	397	91.9	15.59	0.34	-	-	-	-	14	375.1	3.75	100	-	*
Gulf Power Co	**270**	**158.4**	**38.28**	**0.73**	**2**	**612.7**	**35.62**	**0.45**	**1,460**	**555.8**	**5.78**	**81**	**-**	**19**
Crist (FL)	201	157.7	38.04	0.76	1	611.5	35.53	0.45	4	413.0	4.28	100	*	*
Scholtz (FL)	17	157.7	39.91	0.87	*	642.8	37.39	0.45	-	-	-	100	*	-
Smith (FL)	52	161.5	38.72	0.58	1	607.9	35.36	0.45	1,456	556.2	5.78	45	*	55
Gulf States Utilities Co	**214**	**108.6**	**18.86**	**0.44**	**-**	**-**	**-**	**-**	**10,572**	**404.0**	**4.18**	**25**	**-**	**75**
Lewis Creek (TX)	-	-	-	-	-	-	-	-	1,781	383.4	3.95	-	-	100
Louisiana 1 (LA)	-	-	-	-	-	-	-	-	11	513.1	5.30	-	-	100
Nelson (LA)	214	108.6	18.86	0.44	-	-	-	-	2,167	413.7	4.29	62	-	38
Sabine (TX)	-	-	-	-	-	-	-	-	5,307	392.0	4.06	-	-	100
Willow Glen (LA)	-	-	-	-	-	-	-	-	1,307	463.0	4.82	-	-	100
Hamilton City of	**8**	**155.3**	**38.32**	**0.74**	**-**	**-**	**-**	**-**	**7**	**479.0**	**4.90**	**96**	**-**	**4**
Hamilton (OH)	8	155.3	38.32	0.74	-	-	-	-	7	479.0	4.90	96	-	4
Hastings City of	**27**	**70.4**	**11.62**	**0.29**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Hastings (NE)	27	70.4	11.62	0.29	-	-	-	-	-	-	-	100	-	-
Holland City of	**38**	**165.5**	**40.94**	**0.93**	**-**	**-**	**-**	**-**	**30**	**420.0**	**4.28**	**97**	**-**	**3**
James De Young (MI)	38	165.5	40.94	0.93	-	-	-	-	30	420.0	4.28	97	-	3
Holyoke Water Power Co	**63**	**207.8**	**48.19**	**0.34**	**-**	**613.6**	**35.51**	**0.27**	**-**	**-**	**-**	**100**	**-**	**-**
Mount Tom (MA)	63	207.8	48.19	0.34	*	613.6	35.51	0.27	-	-	-	100	*	-
Hoosier Energy R E C Inc	**378**	**104.1**	**22.98**	**2.58**	**4**	**662.9**	**38.42**	**0.10**	**-**	**-**	**-**	**100**	**-**	**-**
Frank E Ratts (IN)	58	104.8	23.24	1.28	1	625.6	36.26	0.10	-	-	-	100	*	-
Merom (IN)	320	103.9	22.93	2.82	4	669.2	38.79	0.10	-	-	-	100	*	-
IES Utilities	**533**	**89.3**	**15.29**	**0.29**	**-**	**-**	**-**	**-**	**194**	**450.4**	**4.50**	**98**	**-**	**2**
6th St (IA)	12	146.4	31.15	0.32	-	-	-	-	111	447.6	4.48	70	-	30
Burlington (IA)	59	88.8	15.02	0.32	-	-	-	-	*	302.7	3.03	100	-	*
Ottumwa (IA)	306	74.3	12.48	0.28	-	-	-	-	-	-	-	100	-	-
Praire Creek (IA)	115	106.7	17.98	0.34	-	-	-	-	28	548.9	5.49	99	-	1
Sutherland (IA)	41	126.7	24.32	0.23	-	-	-	-	54	407.0	4.07	93	-	7
Imperial Irrigation District	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**237**	**639.0**	**6.45**	**-**	**-**	**100**
El Centro (CA)	-	-	-	-	-	-	-	-	237	639.0	6.45	-	-	100
Indiana & Michigan Electric Co	**950**	**116.2**	**23.53**	**0.69**	**1**	**639.5**	**37.47**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Rockport (IN)	633	116.3	21.34	0.29	-	-	-	-	-	-	-	100	-	-
Tanners Creek (IN)	317	116.0	27.91	1.48	1	639.5	37.47	-	-	-	-	100	*	-
Indiana-Kentucky Electric Corp	**385**	**123.5**	**25.88**	**0.61**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Clifty Creek (IN)	385	123.5	25.88	0.61	-	-	-	-	-	-	-	100	-	-
Indianapolis Power & Light Co	**614**	**98.8**	**21.95**	**2.46**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Petersburg (IN)	401	93.2	20.83	2.97	-	-	-	-	-	-	-	100	-	-
Pritchard (IN)	72	112.3	24.89	1.18	-	-	-	-	-	-	-	100	-	-
Stout (IN)	141	108.5	23.63	1.69	-	-	-	-	-	-	-	100	-	-
Interstate Power Co	**122**	**128.4**	**21.62**	**0.25**	**-**	**-**	**-**	**-**	**26**	**370.8**	**3.71**	**99**	**-**	**1**
Fox Lake (MN)	-	-	-	-	-	-	-	-	14	348.6	3.49	-	-	100
Kapp (IA)	74	128.4	21.62	0.25	-	-	-	-	12	398.0	3.98	99	-	1
Lansing (IA)	49	128.4	21.62	0.25	-	-	-	-	-	-	-	100	-	-
Jacksonville Electric Auth	**303**	**157.9**	**38.89**	**1.17**	**8**	**625.9**	**36.54**	**0.35**	**788**	**459.3**	**4.83**	**89**	**1**	**10**
Northside (FL)	11	179.4	46.41	2.93	-	-	-	-	788	459.3	4.83	26	-	74
St Johns River (FL)	292	157.0	38.61	1.10	8	625.9	36.54	0.35	-	-	-	99	1	-
Jamestown City of	**8**	**131.2**	**33.05**	**1.84**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Samuel A Carlson (NY)	8	131.2	33.05	1.84	-	-	-	-	-	-	-	100	-	-
Kansas City City of	**161**	**89.2**	**15.01**	**0.32**	**-**	**-**	**-**	**-**	**32**	**414.6**	**4.15**	**99**	**-**	**1**
Nearman (KS)	68	74.3	11.74	0.37	-	-	-	-	-	-	-	100	-	-
Quindaro (KS)	93	99.0	17.41	0.28	-	-	-	-	32	414.6	4.15	98	-	2
Kansas City Power & Light Co	**1,257**	**74.1**	**12.88**	**0.44**	**-**	**648.2**	**37.77**	**0.23**	**33**	**561.3**	**5.61**	**100**	**-**	**-**
Hawthorne (MO)	301	64.5	11.03	0.34	-	-	-	-	33	561.3	5.61	99	-	1
Iatan (MO)	302	72.4	12.68	0.28	-	-	-	-	-	-	-	100	-	-
La Cygne (KS)	516	75.3	13.15	0.60	-	-	-	-	-	-	-	100	-	-
Montrose (MO)	139	94.1	16.35	0.39	*	648.2	37.77	0.23	-	-	-	100	*	-
Kansas Gas & Electric Co	**-**	**-**	**-**	**-**	**29**	**296.6**	**19.81**	**1.70**	**42**	**418.1**	**4.29**	**-**	**82**	**18**
Evans (KS)	-	-	-	-	29	296.6	19.81	1.70	38	418.1	4.29	-	83	17
Gill (KS)	-	-	-	-	-	-	-	-	4	418.1	4.27	-	-	100
Kansas Power & Light Co	**1,364**	**108.3**	**18.37**	**0.39**	**22**	**303.2**	**20.25**	**1.70**	**20**	**428.2**	**4.42**	**99**	**1**	**-**
Hutchinson (KS)	-	-	-	-	22	303.2	20.25	1.70	11	426.3	4.47	-	93	7
Jeffrey Energy Cnt (KS)	1,036	111.8	18.81	0.39	-	-	-	-	-	-	-	100	-	-
Lawrence (KS)	243	97.3	16.97	0.38	-	-	-	-	1	430.7	4.35	100	-	*
Tecumseh (KS)	85	98.2	17.11	0.37	-	-	-	-	8	430.7	4.35	99	-	1
Kentucky Power Co	**60**	**113.2**	**27.43**	**0.88**	**1**	**638.9**	**37.51**	**-**	**-**	**-**	**-**	**99**	**1**	**-**
Big Sandy (KY)	60	113.2	27.43	0.88	1	638.9	37.51	-	-	-	-	99	1	-
Kentucky Utilities Co	**638**	**136.4**	**32.11**	**1.54**	**4**	**613.2**	**36.06**	**0.40**	**-**	**-**	**-**	**100**	**-**	**-**
Brown (KY)	90	142.1	34.33	1.50	-	-	-	-	-	-	-	100	-	-
Ghent (KY)	492	133.9	31.19	1.57	3	614.6	36.14	0.40	-	-	-	100	*	-

See footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, October 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Kentucky Utilities Co (Continued)														
Green River (KY)	40	152.2	37.18	1.48	1	608.9	35.81	0.40	-	-	-	99	1	-
Tyrone (KY)	16	138.8	35.24	0.89	-	-	-	-	-	-	-	100	-	-
Lafayette City of	-	-	-	-	-	-	-	-	**605**	**372.9**	**3.97**	-	-	**100**
Bonin (LA)	-	-	-	-	-	-	-	-	605	372.9	3.97	-	-	100
Lake Worth City of	-	-	-	-	-	**614.0**	**35.83**	**0.05**	**242**	**502.0**	**5.22**	-	**1**	**99**
Tom G Smith (FL)	-	-	-	-	*	614.0	35.83	0.05	242	502.0	5.22	-	1	99
Lansing City of	**151**	**131.8**	**26.13**	**0.36**	**1**	**341.0**	**19.76**	**0.30**	-	-	-	**100**	-	-
Eckert (MI)	98	96.1	16.78	0.29	1	341.0	19.76	0.30	-	-	-	100	*	-
Erickson (MI)	53	179.7	43.58	0.49	*	341.0	19.76	0.30	-	-	-	100	*	-
Long Island Lighting Co	-	-	-	-	**661**	**415.4**	**26.70**	**0.85**	**5,041**	**445.6**	**4.53**	-	**45**	**55**
Barrett (NY)	-	-	-	-	38	478.0	30.40	0.29	1,825	448.0	4.63	-	11	89
Far Rockaway (NY)	-	-	-	-	-	-	-	-	352	478.0	4.93	-	-	100
Glenwood (NY)	-	-	-	-	-	-	-	-	283	471.0	4.79	-	-	100
Northport (NY)	-	-	-	-	545	409.6	26.33	0.89	2,133	439.0	4.41	-	62	38
Port Jefferson (NY)	-	-	-	-	78	426.0	27.54	0.86	448	425.0	4.27	-	53	47
Los Angeles City of	**492**	**103.4**	**24.42**	**0.66**	-	-	-	-	**3,001**	**287.2**	**2.92**	**79**	-	**21**
Haynes (CA)	-	-	-	-	-	-	-	-	2,485	287.2	2.92	-	-	100
Intermountain (UT)	492	103.4	24.42	0.66	-	-	-	-	-	-	-	100	-	-
Scattergood (CA)	-	-	-	-	-	-	-	-	514	287.2	2.94	-	-	100
Valley (CA)	-	-	-	-	-	-	-	-	3	287.2	2.96	-	-	100
Louisiana Power & Light Co	-	-	-	-	**39**	**492.9**	**30.40**	**0.50**	**9,251**	**444.0**	**4.61**	-	**2**	**98**
Little Gypsy (LA)	-	-	-	-	-	-	-	-	916	449.5	4.67	-	-	100
Nine Mile (LA)	-	-	-	-	32	558.3	33.99	0.50	6,434	441.8	4.59	-	3	97
Sterlington (LA)	-	-	-	-	-	-	-	-	955	448.1	4.62	-	-	100
Waterford (LA)	-	-	-	-	7	203.4	13.31	0.50	945	449.7	4.67	-	4	96
Louisville Gas & Electric Co	**738**	**108.2**	**24.66**	**3.40**	**3**	**626.5**	**36.84**	**0.25**	**62**	**479.1**	**4.91**	**100**	-	-
Cane Run (KY)	140	110.9	25.14	3.48	-	-	-	-	11	479.1	4.91	100	-	*
Mill Creek (KY)	412	107.1	24.27	3.32	-	-	-	-	51	479.1	4.91	99	-	1
Trimble County (KY)	186	108.5	25.17	3.52	3	626.5	36.84	0.25	-	-	-	100	*	-
Lower Colorado River Authority	**414**	**100.9**	**17.14**	**0.34**	-	-	-	-	**2,258**	**359.7**	**3.68**	**75**	-	**25**
Gideon (TX)	-	-	-	-	-	-	-	-	1,372	355.2	3.64	-	-	100
Sam Seymour (TX)	414	100.9	17.14	0.34	-	-	-	-	-	-	-	100	-	-
T C Ferguson (TX)	-	-	-	-	-	-	-	-	886	366.7	3.75	-	-	100
Lubbock City of	-	-	-	-	-	-	-	-	**78**	**321.3**	**3.25**	-	-	**100**
Holly Ave (TX)	-	-	-	-	-	-	-	-	78	321.3	3.25	-	-	100
Madison Gas & Electric Co	**21**	**154.2**	**33.89**	**1.48**	-	-	-	-	**40**	**433.9**	**4.34**	**92**	-	**8**
Blount (WI)	21	154.2	33.89	1.48	-	-	-	-	40	433.9	4.34	92	-	8
Manitowoc Public Utilities	**36**	**149.5**	**38.91**	**1.56**	-	-	-	-	-	-	-	**100**	-	-
Manitowoc (WI)	36	149.5	38.91	1.56	-	-	-	-	-	-	-	100	-	-
Marquette City of	**26**	**126.5**	**23.65**	**0.36**	-	-	-	-	-	-	-	**100**	-	-
Shiras (MI)	26	126.5	23.65	0.36	-	-	-	-	-	-	-	100	-	-
Medina Electric Coop Inc	-	-	-	-	-	-	-	-	**96**	**425.0**	**4.93**	-	-	**100**
Pearsall (TX)	-	-	-	-	-	-	-	-	96	425.0	4.93	-	-	100
Michigan South Central Pwr Agy	**7**	**174.6**	**40.34**	**2.79**	-	-	-	-	-	-	-	**100**	-	-
Project I (MI)	7	174.6	40.34	2.79	-	-	-	-	-	-	-	100	-	-
MidAmerican Energy	**1,045**	**82.4**	**14.15**	**0.30**	**1**	**642.7**	**36.71**	-	**50**	**485.5**	**4.87**	**100**	-	-
Council Bluffs (IA)	328	67.9	11.50	0.29	1	624.7	35.68	-	10	425.9	4.27	100	*	*
George Neal 1-4 (IA)	435	81.2	13.97	0.31	*	715.1	40.85	-	7	603.3	6.04	100	*	*
Louisa (IA)	255	97.1	16.88	0.27	-	-	-	-	4	211.5	2.14	100	-	*
Riverside (IA)	27	136.1	23.58	0.27	-	-	-	-	29	514.8	5.16	94	-	6
Minnesota Power & Light Co	**413**	**117.9**	**21.13**	**0.59**	-	**729.6**	**41.98**	**0.20**	-	-	-	**100**	-	-
Boswell Energy Center (MN)	368	117.4	20.95	0.62	*	729.6	41.98	0.20	-	-	-	100	*	-
Laskin Energy Center (MN)	45	121.8	22.65	0.37	-	-	-	-	-	-	-	100	-	-
Minnkota Power Coop Inc	**343**	**55.8**	**7.47**	**0.81**	**2**	**638.5**	**37.54**	**0.40**	-	-	-	**100**	-	-
Young (ND)	343	55.8	7.47	0.81	2	638.5	37.54	0.40	-	-	-	100	*	-
Mississippi Power & Light Co	-	-	-	-	**9**	**255.9**	**16.87**	**3.00**	**3,074**	**398.7**	**4.11**	-	**2**	**98**
Brown (MS)	-	-	-	-	-	-	-	-	374	430.0	4.36	-	-	100
Delta (MS)	-	-	-	-	9	255.9	16.87	3.00	6	445.1	4.53	-	92	8
Gerald Andrus (MS)	-	-	-	-	-	-	-	-	2,056	405.7	4.21	-	-	100
Wilson (MS)	-	-	-	-	-	-	-	-	639	357.2	3.67	-	-	100
Mississippi Power Co	**389**	**163.1**	**38.03**	**0.65**	**1**	**600.7**	**35.45**	**0.42**	**2,404**	**415.8**	**4.35**	**78**	-	**22**
Daniel (MS)	208	170.4	40.18	0.58	1	600.7	35.45	0.42	1,603	415.1	4.34	74	*	25
Eaton (MS)	-	-	-	-	-	-	-	-	1	430.7	4.45	-	-	100
Petal Gas (MS)	-	-	-	-	-	-	-	-	575	419.3	4.38	-	-	100
Sweatt (MS)	-	-	-	-	-	-	-	-	3	414.6	4.26	-	-	100
Watson (MS)	181	154.5	35.56	0.72	-	-	-	-	223	411.6	4.30	95	-	5
Monongahela Power Co	**276**	**117.8**	**29.36**	**2.77**	-	**642.1**	**38.02**	**0.30**	**13**	**483.8**	**4.84**	**100**	-	-
Albright (WV)	18	115.3	29.60	1.61	*	671.5	39.77	0.30	-	-	-	100	*	-
Ft Martin (WV)	41	110.3	27.51	1.47	*	314.5	18.62	0.30	-	-	-	100	*	-

See footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, October 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Monongahela Power Co (Continued)														
Harrison (WV)	102	125.8	31.07	3.24	*	671.2	39.75	0.30	4	494.7	4.95	100	*	*
Pleasants (WV)	71	101.1	24.97	4.11	*	768.1	45.49	0.30	6	454.3	4.54	100	*	*
Rivesville (WV)	19	134.7	32.31	0.97	*	676.1	40.04	0.30	-	-	-	100	*	-
Willow Island (WV)	26	133.7	35.36	1.42	-	-	-	-	3	534.1	5.34	100	-	*
Montana-Dakota Utilities Co	**61**	**97.9**	**13.68**	**0.74**	**-**	**-**	**-**	**-**	**1**	**336.5**	**3.73**	**100**	**-**	**-**
Heskett (ND)	42	96.2	13.61	0.81	-	-	-	-	*	202.5	2.07	100	-	*
Lewis and Clark (MT)	19	101.6	13.84	0.58	-	-	-	-	1	344.7	3.84	100	-	*
Morgan City City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**74**	**377.5**	**3.96**	**-**	**-**	**100**
Morgan City (LA)	-	-	-	-	-	-	-	-	74	377.5	3.96	-	-	100
Muscatine City of	**82**	**77.9**	**13.06**	**0.71**	**-**	**-**	**-**	**-**	**28**	**416.0**	**4.18**	**98**	**-**	**2**
Muscatine (IA)	82	77.9	13.06	0.71	-	-	-	-	28	416.0	4.18	98	-	2
Nebraska Public Power District	**458**	**51.0**	**8.76**	**0.29**	**-**	**679.8**	**39.44**	**0.10**	**24**	**343.7**	**3.44**	**100**	**-**	**-**
Gerald Gentleman (NE)	397	48.8	8.36	0.29	*	680.5	39.48	0.10	24	340.0	3.40	100	*	*
Sheldon (NE)	61	65.3	11.32	0.29	*	679.0	39.39	0.10	*	574.5	5.75	100	*	*
Nevada Power Co	**148**	**127.2**	**30.40**	**0.75**	**54**	**687.8**	**40.19**	**0.30**	**3,638**	**466.1**	**4.81**	**46**	**4**	**49**
Clark (NV)	-	-	-	-	-	-	-	-	3,260	464.0	4.79	-	-	100
Gardner (NV)	148	127.2	30.40	0.75	54	687.8	40.19	0.30	-	-	-	92	8	-
Sunrise (NV)	-	-	-	-	-	-	-	-	378	484.0	4.99	-	-	100
New Orleans Public Service Inc	**-**	**-**	**-**	**-**	**7**	**203.0**	**13.22**	**1.50**	**2,830**	**423.8**	**4.43**	**-**	**1**	**99**
Michoud (LA)	-	-	-	-	7	203.0	13.22	1.50	2,830	423.8	4.43	-	1	99
Northern Indiana Pub Serv Co	**729**	**131.0**	**27.61**	**1.58**	**-**	**-**	**-**	**-**	**23**	**479.4**	**4.81**	**100**	**-**	**-**
Bailly (IN)	173	119.7	27.12	2.80	-	-	-	-	3	524.6	5.26	100	-	*
Michigan City (IN)	157	135.5	25.93	0.38	-	-	-	-	5	242.5	2.43	100	-	*
Rollin Schahfer (IN)	399	134.6	28.49	1.53	-	-	-	-	15	543.6	5.45	100	-	*
Northern States Power Co	**939**	**101.9**	**17.91**	**0.43**	**-**	**-**	**-**	**-**	**192**	**455.7**	**4.58**	**99**	**-**	**1**
Bay Front (WI)	-	-	-	-	-	-	-	-	17	431.3	4.33	-	-	100
Black Dog (MN)	48	123.5	21.79	0.19	-	-	-	-	150	462.7	4.65	85	-	15
High Bridge (MN)	50	117.1	20.82	0.20	-	-	-	-	22	433.8	4.36	98	-	2
King (MN)	135	120.1	21.40	0.28	-	-	-	-	-	-	-	100	-	-
Riverside (MN)	82	111.1	19.81	0.20	-	-	-	-	3	409.8	4.12	100	-	*
Sherburne County (MN)	623	93.8	16.37	0.53	-	-	-	-	-	-	-	100	-	-
Ohio Power Co	**1,285**	**116.4**	**28.73**	**2.12**	**26**	**639.7**	**37.25**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Gavin (OH)	499	95.7	23.09	3.45	11	621.6	36.18	-	-	-	-	99	1	-
Kammer (WV)	118	113.5	29.48	1.40	1	715.1	41.92	-	-	-	-	100	*	-
Mitchell (WV)	386	133.2	32.88	0.86	11	639.6	37.25	-	-	-	-	99	1	-
Muskingum (OH)	282	130.1	32.72	1.80	3	690.7	40.21	-	-	-	-	100	*	-
Ohio Valley Electric Corp	**305**	**107.3**	**26.78**	**2.00**	**1**	**662.6**	**37.85**	**0.30**	**-**	**-**	**-**	**100**	**-**	**-**
Kyger Creek (OH)	305	107.3	26.78	2.00	1	662.6	37.85	0.30	-	-	-	100	*	-
Oklahoma Gas & Electric Co	**871**	**91.2**	**16.01**	**0.22**	**-**	**-**	**-**	**-**	**4,236**	**438.6**	**4.55**	**78**	**-**	**22**
Horseshoe Lake (OK)	-	-	-	-	-	-	-	-	278	438.6	4.55	-	-	100
Muskogee (OK)	488	90.7	15.93	0.22	-	-	-	-	21	438.6	4.55	100	-	*
Mustang (OK)	-	-	-	-	-	-	-	-	1,010	438.6	4.55	-	-	100
Seminole (OK)	-	-	-	-	-	-	-	-	2,928	438.6	4.55	-	-	100
Sooner (OK)	383	91.8	16.12	0.23	-	-	-	-	-	-	-	100	-	-
Omaha Public Power District	**398**	**61.8**	**10.81**	**0.28**	**-**	**-**	**-**	**-**	**21**	**415.7**	**4.15**	**100**	**-**	**-**
Nebraska City (NE)	270	59.9	10.46	0.28	-	-	-	-	-	-	-	100	-	-
North Omaha (NE)	128	65.7	11.54	0.27	-	-	-	-	21	415.7	4.15	99	-	1
Orlando Utilities Comm	**185**	**166.2**	**42.46**	**1.12**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Stanton Energy (FL)	185	166.2	42.46	1.12	-	-	-	-	-	-	-	100	-	-
Orrville City of	**14**	**120.5**	**27.70**	**3.89**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Orrville (OH)	14	120.5	27.70	3.89	-	-	-	-	-	-	-	100	-	-
Otter Tail Power Co	**321**	**91.0**	**13.50**	**0.71**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Big Stone (SD)	54	133.3	22.74	0.33	-	-	-	-	-	-	-	100	-	-
Coyote (ND)	234	71.3	9.85	0.85	-	-	-	-	-	-	-	100	-	-
Hoot Lake (MN)	33	131.0	24.22	0.35	-	-	-	-	-	-	-	100	-	-
Owensboro City of	**89**	**93.1**	**19.43**	**3.15**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Smith (KY)	89	93.1	19.43	3.15	-	-	-	-	-	-	-	100	-	-
Pacific Gas & Electric Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**817**	**388.2**	**3.94**	**-**	**-**	**100**
Humboldt Bay (CA)	-	-	-	-	-	-	-	-	258	388.2	3.95	-	-	100
Hunters Point (CA)	-	-	-	-	-	-	-	-	559	388.2	3.93	-	-	100
PacifiCorp	**2,289**	**86.4**	**16.91**	**0.54**	**8**	**669.7**	**39.38**	**0.30**	**682**	**279.0**	**2.94**	**98**	**-**	**2**
Carbon (UT)	20	82.2	20.12	0.71	1	641.0	37.69	0.30	-	-	-	99	1	-
Emery-Hunter (UT)	395	76.6	17.75	0.45	-	-	-	-	-	-	-	100	-	-
Gadsby (UT)	-	-	-	-	-	-	-	-	660	281.2	2.96	-	-	100
Huntington (UT)	282	76.9	17.30	0.52	2	702.5	41.31	0.30	-	-	-	100	*	-
Jim Bridger (WY)	845	103.1	19.11	0.49	3	682.1	40.11	0.30	-	-	-	100	*	-
Johnston (WY)	333	61.9	10.27	0.38	-	-	-	-	-	-	-	100	-	-
Naughton (WY)	232	107.1	21.55	1.15	-	-	-	-	22	211.6	2.21	100	-	*
Wyodak (WY)	182	62.1	10.08	0.50	2	632.5	37.19	0.30	-	-	-	100	*	-

See footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, October 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Painesville City of	**6**	**153.7**	**38.37**	**3.01**	**-**	**-**	**-**	**-**	**-**	**692.6**	**6.93**	**100**	**-**	**-**
Painesville (OH)	6	153.7	38.37	3.01	-	-	-	-	*	692.6	6.93	100	-	*
Platte River Power Authority	**58**	**61.7**	**10.90**	**0.21**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Rawhide (CO)	58	61.7	10.90	0.21	-	-	-	-	-	-	-	100	-	-
Portland General Electric Co	**209**	**132.2**	**23.03**	**0.27**	**-**	**-**	**-**	**-**	**1,036**	**274.1**	**2.80**	**78**	**-**	**22**
Beaver (OR)	-	-	-	-	-	-	-	-	52	339.3	3.46	-	-	100
Boardman (OR)	209	132.2	23.03	0.27	-	-	-	-	-	-	-	100	-	-
Coyote Springs (OR)	-	-	-	-	-	-	-	-	984	270.7	2.76	-	-	100
PSI Energy Inc	**1,435**	**117.7**	**25.88**	**1.63**	**10**	**641.8**	**36.93**	**0.30**	**-**	**-**	**-**	**100**	**-**	**-**
Cayuga (IN)	235	129.7	28.04	1.28	2	668.8	38.48	0.30	-	-	-	100	*	-
Edwardsport (IN)	*	114.4	25.09	1.45	-	-	-	-	-	-	-	100	-	-
Gallagher (IN)	176	127.6	29.69	1.88	3	628.1	36.14	0.30	-	-	-	100	*	-
Gibson Station (IN)	853	111.7	24.46	1.67	3	624.0	35.90	0.30	-	-	-	100	*	-
Noblesville (IN)	7	159.3	34.32	1.89	*	664.2	38.22	0.30	-	-	-	99	1	-
Wabash River (IN)	164	118.8	25.72	1.58	1	681.6	39.22	0.30	-	-	-	100	*	-
Public Service Co of Colorado	**880**	**92.8**	**17.57**	**0.38**	**-**	**-**	**-**	**-**	**3,592**	**250.6**	**2.47**	**83**	**-**	**17**
Arapahoe (CO)	71	102.3	17.70	0.27	-	-	-	-	396	276.3	2.47	78	-	22
Cameo (CO)	28	100.0	21.93	0.52	-	-	-	-	15	157.5	1.59	98	-	2
Cherokee (CO)	117	99.7	22.99	0.50	-	-	-	-	50	273.4	2.71	98	-	2
Comanche (CO)	228	68.0	11.75	0.30	-	-	-	-	4	277.9	2.76	100	-	*
Fort St. Vrain (CO)	-	-	-	-	-	-	-	-	3,054	247.0	2.46	-	-	100
Hayden (CO)	162	102.0	21.20	0.43	-	-	-	-	-	-	-	100	-	-
Pawnee (CO)	237	93.0	15.63	0.37	-	-	-	-	1	303.2	3.07	100	-	*
Valmont (CO)	37	130.9	29.25	0.43	-	-	-	-	37	280.2	2.77	96	-	4
Zuni (CO)	-	-	-	-	-	-	-	-	34	276.9	2.76	-	-	100
Public Service Co of NH	**102**	**179.5**	**47.78**	**1.11**	**226**	**376.3**	**24.07**	**1.34**	**180**	**420.0**	**4.42**	**62**	**33**	**4**
Merrimack (NH)	62	193.8	52.17	1.38	*	621.6	35.98	0.27	-	-	-	100	*	-
Newington Station (NH)	-	-	-	-	226	376.2	24.06	1.34	180	420.0	4.42	-	88	12
Schiller (NH)	40	156.5	40.92	0.70	-	-	-	-	-	-	-	100	-	-
Public Service Co of NM	**497**	**169.2**	**33.55**	**0.66**	**6**	**786.9**	**44.95**	**-**	**35**	**700.1**	**7.22**	**99**	**-**	**-**
Reeves (NM)	-	-	-	-	-	-	-	-	35	700.1	7.22	-	-	100
San Juan (NM)	497	169.2	33.55	0.66	6	786.9	44.95	-	-	-	-	100	*	-
Public Service Co of Oklahoma	**409**	**106.3**	**18.55**	**0.36**	**-**	**-**	**-**	**-**	**4,996**	**406.0**	**4.15**	**58**	**-**	**42**
Comanche (CS) (OK)	-	-	-	-	-	-	-	-	989	403.9	4.22	-	-	100
Northeastern (OK)	409	106.3	18.55	0.36	-	-	-	-	1,590	405.4	4.10	82	-	18
Riverside (OK)	-	-	-	-	-	-	-	-	1,517	402.5	4.09	-	-	100
Southwestern (OK)	-	-	-	-	-	-	-	-	628	414.9	4.30	-	-	100
Tulsa (OK)	-	-	-	-	-	-	-	-	272	415.7	4.22	-	-	100
Puget Sound Power & Light Co	**619**	**60.1**	**10.25**	**0.69**	**5**	**689.4**	**40.82**	**0.50**	**-**	**-**	**-**	**100**	**-**	**-**
Colstrip (MT)	619	60.1	10.25	0.69	5	689.4	40.82	0.50	-	-	-	100	*	-
Richmond City of	**24**	**143.7**	**34.94**	**2.16**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Whitewater (IN)	24	143.7	34.94	2.16	-	-	-	-	-	-	-	100	-	-
Rochester Gas & Electric Corp	**87**	**138.6**	**36.82**	**2.11**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Russell Station 7 (NY)	87	138.6	36.82	2.11	-	-	-	-	-	-	-	100	-	-
Ruston City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**34**	**366.0**	**3.92**	**-**	**-**	**100**
Steam Plant (LA)	-	-	-	-	-	-	-	-	34	366.0	3.92	-	-	100
S Mississippi Elec Pwr Assn	**94**	**162.0**	**40.65**	**1.06**	**-**	**-**	**-**	**-**	**440**	**378.8**	**3.92**	**84**	**-**	**16**
Moselle (MS)	-	-	-	-	-	-	-	-	440	378.8	3.92	-	-	100
R D Morrow (MS)	94	162.0	40.65	1.06	-	-	-	-	-	-	-	100	-	-
Sacramento Municipal Utility	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3,057**	**415.3**	**4.15**	**-**	**-**	**100**
Central Valley (CA)	-	-	-	-	-	-	-	-	515	415.3	4.15	-	-	100
SCA Cogen Proj (CA)	-	-	-	-	-	-	-	-	1,080	415.3	4.15	-	-	100
SPA Cogen Proj (CA)	-	-	-	-	-	-	-	-	1,462	415.4	4.15	-	-	100
Salt River Proj Ag I & P Dist	**1,044**	**108.6**	**22.87**	**0.52**	**10**	**753.8**	**44.05**	**0.05**	**3,230**	**303.0**	**3.07**	**87**	**-**	**13**
Agua Fria (AZ)	-	-	-	-	-	-	-	-	1,058	305.7	3.08	-	-	100
Coronado (AZ)	287	126.5	24.70	0.53	-	-	-	-	-	-	-	100	-	-
Kyrene (AZ)	-	-	-	-	-	-	-	-	1,100	303.9	3.08	-	-	100
Navajo (AZ)	757	102.5	22.18	0.51	10	753.8	44.05	0.05	-	-	-	100	*	-
Santan (AZ)	-	-	-	-	-	-	-	-	1,072	299.3	3.04	-	-	100
San Antonio City of	**361**	**114.8**	**19.75**	**0.36**	**-**	**-**	**-**	**-**	**3,842**	**412.7**	**4.21**	**61**	**-**	**39**
Arthur Rosenberg (TX)	-	-	-	-	-	-	-	-	1,048	412.7	4.16	-	-	100
Braunig (TX)	-	-	-	-	-	-	-	-	1,581	412.7	4.22	-	-	100
JT Deely/Spruce (TX)	361	114.8	19.75	0.36	-	-	-	-	4	412.7	4.22	100	-	*
Sommers (TX)	-	-	-	-	-	-	-	-	1,195	412.7	4.23	-	-	100
Tuttle (TX)	-	-	-	-	-	-	-	-	15	412.7	4.24	-	-	100
San Miguel Electric Coop Inc	**300**	**84.0**	**8.53**	**2.23**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
San Miguel (TX)	300	84.0	8.53	2.23	-	-	-	-	-	-	-	100	-	-
Savannah Electric & Power Co	**71**	**155.5**	**40.15**	**0.64**	**-**	**-**	**-**	**-**	**23**	**162.1**	**1.66**	**99**	**-**	**1**
Kraft (GA)	71	155.5	40.15	0.64	-	-	-	-	23	162.1	1.66	99	-	1
Seminole Electric Coop Inc	**286**	**167.9**	**40.93**	**3.04**	**2**	**586.9**	**34.02**	**0.29**	**1,366**	**476.8**	**4.77**	**84**	**-**	**16**

See footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, October 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Seminole Electric Coop Inc (Continued).														
Payne Creek (FL)	-	-	-	-	-	-	-	-	1,366	476.8	4.77	-	-	100
Seminole (FL)	286	167.9	40.93	3.04	2	586.9	34.02	0.29	-	-	-	100	*	-
Sierra Pacific Power Co	**140**	**147.8**	**34.34**	**0.39**	**-**	**-**	**-**	**-**	**1,162**	**495.4**	**5.08**	**73**	**-**	**27**
North Valmy (NV)	140	147.8	34.34	0.39	-	-	-	-	-	-	-	100	-	-
Tracy (NV)	-	-	-	-	-	-	-	-	1,162	495.4	5.08	-	-	100
South Carolina Electric&Gas Co	**445**	**166.3**	**42.38**	**1.04**	**13**	**620.6**	**35.97**	**0.20**	**6**	**586.2**	**6.03**	**99**	**1**	**-**
Canadys (SC)	52	157.2	39.48	1.03	-	-	-	-	2	578.4	5.95	100	-	*
Cope (SC)	46	156.3	38.54	1.05	-	-	-	-	-	-	-	100	-	-
Mcmeekin (SC)	8	165.5	43.31	1.11	5	592.1	34.32	0.20	-	-	-	87	13	-
Urguhart (SC)	53	160.2	42.11	1.39	*	586.4	33.99	0.20	4	592.8	6.09	100	*	*
Wateree (SC)	135	168.9	42.98	1.17	5	661.4	38.33	0.20	-	-	-	99	1	-
Williams (SC)	151	172.4	44.08	0.81	3	604.2	35.02	0.20	*	537.1	5.52	100	*	*
South Carolina Pub Serv Auth	**793**	**151.7**	**38.34**	**1.24**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Cross (SC)	319	150.7	38.07	1.33	-	-	-	-	-	-	-	100	-	-
Grainger (SC)	45	163.8	39.85	1.28	-	-	-	-	-	-	-	100	-	-
Jefferies (SC)	71	134.8	33.01	1.51	-	-	-	-	-	-	-	100	-	-
Winyah (SC)	357	154.3	39.46	1.10	-	-	-	-	-	-	-	100	-	-
Southern California Edison Co	**414**	**137.0**	**30.16**	**0.48**	**-**	**-**	**-**	**-**	**9**	**713.2**	**7.35**	**100**	**-**	**-**
Mohave (NV)	414	137.0	30.16	0.48	-	-	-	-	9	713.2	7.35	100	-	*
Southern Illinois Power Coop	**51**	**93.6**	**18.96**	**2.95**	**1**	**668.3**	**38.08**	**-**	**-**	**-**	**-**	**99**	**1**	**-**
Marion (IL)	51	93.6	18.96	2.95	1	668.3	38.08	-	-	-	-	99	1	-
Southwestern Electric Power Co	**1,080**	**141.9**	**23.03**	**0.56**	**5**	**614.2**	**36.11**	**-**	**1,546**	**416.2**	**4.34**	**91**	**-**	**8**
Arsenal Hill (LA)	-	-	-	-	-	-	-	-	36	436.0	4.54	-	-	100
Flint Creek (AR)	159	155.4	26.62	0.24	-	-	-	-	-	-	-	100	-	-
Knox Lee (TX)	-	-	-	-	-	-	-	-	315	408.7	4.24	-	-	100
Lieberman (LA)	-	-	-	-	-	-	-	-	154	439.3	4.46	-	-	100
Pirkey (TX)	290	136.9	18.14	1.39	-	-	-	-	31	414.3	4.55	99	-	1
Welsh Station (TX)	631	140.2	24.37	0.27	5	614.2	36.11	-	-	-	-	100	*	-
Wilkes (TX)	-	-	-	-	-	-	-	-	1,010	414.4	4.34	-	-	100
Southwestern Public Service Co	**698**	**135.6**	**23.99**	**0.27**	**-**	**-**	**-**	**-**	**4,528**	**387.1**	**3.90**	**73**	**-**	**27**
Cunningham (NM)	-	-	-	-	-	-	-	-	1,034	414.1	4.17	-	-	100
Harrington (TX)	276	133.7	23.62	0.26	-	-	-	-	10	425.1	4.36	100	-	*
Jones (TX)	-	-	-	-	-	-	-	-	1,833	363.5	3.67	-	-	100
Nichols (TX)	-	-	-	-	-	-	-	-	607	409.6	4.12	-	-	100
Plant X (TX)	-	-	-	-	-	-	-	-	1,044	388.6	3.88	-	-	100
Tolk (TX)	422	136.9	24.23	0.28	-	-	-	-	*	425.1	4.21	100	-	*
Springfield City of	**95**	**117.0**	**24.58**	**3.21**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Dallman (IL)	87	117.8	24.75	3.21	-	-	-	-	-	-	-	100	-	-
Lakeside (IL)	7	107.7	22.54	3.21	-	-	-	-	-	-	-	100	-	-
Springfield City of.	**148**	**121.6**	**22.32**	**0.20**	**-**	**-**	**-**	**-**	**25**	**390.5**	**3.98**	**99**	**-**	**1**
James River (MO)	63	136.1	25.80	0.22	-	-	-	-	11	390.5	3.98	99	-	1
Southwest (MO)	85	110.2	19.73	0.19	-	-	-	-	14	390.5	3.98	99	-	1
St Joseph Light & Power Co	**48**	**108.1**	**20.13**	**0.35**	**-**	**-**	**-**	**-**	**44**	**421.2**	**4.24**	**95**	**-**	**5**
Lakeroad (MO)	48	108.1	20.13	0.35	-	-	-	-	44	421.2	4.24	95	-	5
Tallahassee City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1,427**	**434.0**	**4.50**	**-**	**-**	**100**
Hopkins (FL)	-	-	-	-	-	-	-	-	394	434.0	4.51	-	-	100
Purdom (FL)	-	-	-	-	-	-	-	-	1,034	434.0	4.50	-	-	100
Tampa Electric[5] Co	**463**	**156.7**	**37.14**	**2.30**	**11**	**606.6**	**35.16**	**-**	**-**	**-**	**-**	**99**	**1**	**-**
Big Bend (FL)	-	-	-	-	3	519.5	30.11	-	-	-	-	-	100	-
Davant Transfer (FL)	463	156.7	37.14	2.30	-	-	-	-	-	-	-	100	-	-
Gannon (FL)	-	-	-	-	5	621.7	36.03	-	-	-	-	-	100	-
Polk Station (FL)	-	-	-	-	4	654.8	37.95	-	-	-	-	-	100	-
Taunton City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**237**	**458.7**	**4.72**	**-**	**-**	**100**
Cleary (MA)	-	-	-	-	-	-	-	-	237	458.7	4.72	-	-	100
Tennessee Valley Authority[6]	**3,821**	**118.9**	**27.22**	**1.53**	**21**	**607.0**	**35.67**	**0.50**	**-**	**-**	**-**	**100**	**-**	**-**
Bull Run (TN)	192	128.6	32.08	0.90	3	608.9	35.78	0.50	-	-	-	100	*	-
Cora Transfer (TN)	117	108.6	20.54	0.30	-	-	-	-	-	-	-	100	-	-
Cumberland (TN)	431	105.1	25.05	2.87	10	615.4	36.16	0.50	-	-	-	99	1	-
GRT Terminal (TN)	1,194	119.1	26.18	0.81	-	-	-	-	-	-	-	100	-	-
Johnsonville (TN)	44	124.8	30.34	1.68	-	-	-	-	-	-	-	100	-	-
Kingston (TN)	514	131.0	32.60	0.91	2	587.2	34.51	0.50	-	-	-	100	*	-
Paradise (KY)	485	96.6	21.21	3.54	-	-	-	-	-	-	-	100	-	-
Sevier (TN)	91	128.7	33.46	0.80	1	581.5	34.17	0.50	-	-	-	100	*	-
Shawnee (KY)	433	131.1	29.22	0.49	3	610.2	35.85	0.50	-	-	-	100	*	-
Widows Creek (AL)	320	125.5	29.07	2.75	1	577.8	33.95	0.50	-	-	-	100	*	-
Terrabonne Parrish Con	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**118**	**395.0**	**4.12**	**-**	**-**	**100**
Houma (LA)	-	-	-	-	-	-	-	-	118	395.0	4.12	-	-	100
Texas Municipal Power Agency	**229**	**137.5**	**23.16**	**0.31**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Gibbons Creek (TX)	229	137.5	23.16	0.31	-	-	-	-	-	-	-	100	-	-

See footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, October 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Avg. Sulfur %	Receipts	Average Cost[2]		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)		(1,000 bbls)	(Cents/ 10^6 Btu)	($ bbl)		(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)			
Texas-New Mexico Power Co	**90**	**155.1**	**21.12**	**1.01**	**-**	**-**	**-**	**-**	**19**	**436.1**	**4.47**	**98**	**-**	**2**
TNP One (Tx)	90	155.1	21.12	1.01	-	-	-	-	19	436.1	4.47	98	-	2
Tri State Gen & Trans Assn, Inc	**522**	**106.1**	**21.40**	**0.47**	**-**	**-**	**-**	**-**	**18**	**367.1**	**3.26**	**100**	**-**	**-**
Craig (CO)	435	103.2	20.94	0.38	-	-	-	-	3	421.6	4.82	100	-	*
Escalante (NM)	52	140.9	25.71	0.85	-	-	-	-	15	353.0	2.97	99	-	1
Nucla (CO)	36	96.3	20.76	1.11	-	-	-	-	-	-	-	100	-	-
Tucson Electric Power Co	**252**	**126.6**	**23.48**	**0.91**	**-**	**-**	**-**	**-**	**735**	**577.1**	**5.89**	**86**	**-**	**14**
Irvington (AZ)	-	-	-	-	-	-	-	-	735	577.1	5.89	-	-	100
Springerville (AZ)	252	126.6	23.48	0.91	-	-	-	-	-	-	-	100	-	-
United Power Assn	**98**	**75.9**	**10.06**	**0.71**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Stanton (ND)	98	75.9	10.06	0.71	-	-	-	-	-	-	-	100	-	-
UtiliCorp United Inc.	**148**	**95.8**	**19.93**	**0.52**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Sibley (MO)	148	95.8	19.93	0.52	-	-	-	-	-	-	-	100	-	-
Vero Beach City of	**-**	**-**	**-**	**-**	**5**	**583.8**	**35.85**	**0.29**	**375**	**295.9**	**3.07**	**-**	**7**	**93**
Vero Beach (FL)	-	-	-	-	5	583.8	35.85	0.29	375	295.9	3.07	-	7	93
Virginia Electric & Power Co	**1,129**	**147.9**	**37.23**	**1.32**	**66**	**439.4**	**27.79**	**0.91**	**477**	**600.4**	**6.17**	**96**	**1**	**2**
Bremo Bluff (VA)	74	172.0	43.02	0.91	-	-	-	-	-	-	-	100	-	-
Chesapeake Energy (VA)	97	174.7	45.79	0.96	-	-	-	-	-	-	-	100	-	-
Chesterfield (VA)	246	170.6	43.88	1.26	-	-	-	-	439	650.9	6.69	93	-	7
Clover (VA)	177	145.8	37.10	0.97	-	-	-	-	-	-	-	100	-	-
Mount Storm (WV)	419	118.8	28.95	1.62	7	649.2	38.17	0.20	-	-	-	100	*	-
North Branch (VA)	4	96.3	19.69	2.40	-	-	-	-	-	-	-	100	-	-
Possum Point (VA)	35	171.5	43.64	1.37	-	-	-	-	-	-	-	100	-	-
Storage Facility #1	-	-	-	-	58	414.7	26.48	1.00	-	-	-	-	100	-
Yorktown (VA)	77	157.0	40.64	1.50	*	452.7	26.62	0.20	38	278.8	2.84	98	*	2
West Penn Power Co	**70**	**122.3**	**31.16**	**2.16**	**-**	**661.9**	**39.20**	**0.30**	**-**	**-**	**-**	**100**	**-**	**-**
Hatfield (PA)	70	122.3	31.16	2.16	*	661.9	39.20	0.30	-	-	-	100	*	-
Western Farmers Elec Coop Inc	**193**	**115.8**	**19.91**	**0.27**	**-**	**-**	**-**	**-**	**879**	**403.2**	**4.11**	**79**	**-**	**21**
Anadarko (OK)	-	-	-	-	-	-	-	-	798	403.2	4.11	-	-	100
Hugo (OK)	193	115.8	19.91	0.27	-	-	-	-	-	-	-	100	-	-
Mooreland (OK)	-	-	-	-	-	-	-	-	81	403.2	4.08	-	-	100
WestPlains Energy	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**399**	**319.7**	**3.16**	**-**	**-**	**100**
Cimarron River (KS)	-	-	-	-	-	-	-	-	154	354.0	3.52	-	-	100
Large (KS)	-	-	-	-	-	-	-	-	233	282.7	2.78	-	-	100
Mullergren (KS)	-	-	-	-	-	-	-	-	12	598.0	5.98	-	-	100
Wisconsin Electric Power Co	**1,151**	**106.0**	**20.03**	**0.37**	**2**	**697.7**	**40.99**	**0.45**	**66**	**394.9**	**3.99**	**100**	**-**	**-**
Oak Creek (WI)	341	99.0	17.65	0.19	-	-	-	-	55	376.7	3.80	99	-	1
Pleasant Prairie (WI)	404	76.1	12.93	0.33	-	-	-	-	4	531.2	5.38	100	-	*
Port Washington (WI)	41	128.3	33.58	1.42	-	-	-	-	1	530.8	5.36	100	-	*
Presque Isle (MI)	287	125.3	25.59	0.40	2	697.7	40.99	0.45	-	-	-	100	*	-
Valley (WI)	78	164.3	39.66	0.61	-	-	-	-	6	450.9	4.55	100	-	*
Wisconsin Power & Light Co	**669**	**113.5**	**19.52**	**0.34**	**5**	**675.2**	**39.70**	**-**	**1**	**518.0**	**5.18**	**100**	**-**	**-**
Blackhawk (WI)	-	-	-	-	-	-	-	-	1	518.0	5.18	-	-	100
Columbia (WI)	388	113.3	19.21	0.38	4	649.9	38.21	-	-	-	-	100	*	-
Edgewater (WI)	254	113.0	19.68	0.29	1	739.0	43.45	-	-	-	-	100	*	-
Nelson Dewey (WI)	27	120.2	22.53	0.27	-	-	-	-	-	-	-	100	-	-
Wisconsin Public Service Corp	**312**	**101.7**	**17.97**	**0.25**	**-**	**-**	**-**	**-**	**41**	**441.0**	**4.43**	**99**	**-**	**1**
Pulliam (WI)	155	100.4	17.84	0.23	-	-	-	-	19	441.0	4.43	99	-	1
Weston (WI)	157	103.1	18.10	0.28	-	-	-	-	22	441.0	4.43	99	-	1
Wyandotte Municipal Serv Comm	**16**	**164.5**	**41.95**	**0.73**	**-**	**-**	**-**	**-**	**26**	**447.0**	**4.47**	**94**	**-**	**6**
Wyandotte (MI)	16	164.5	41.95	0.73	-	-	-	-	26	447.0	4.47	94	-	6
U.S. Total	**62,424**	**122.4**	**24.87**	**0.87**	**6,787**	**426.9**	**27.26**	**0.96**	**134,776**	**414.7**	**4.26**	**87**	**3**	**10**

[1] The October 2002 petroleum coke receipts were 338,320 short tons and cost was 53.0 cents per million Btu.

[2] The entry includes at least one delivery at a price of 1, 000 cents per million Btu or greater. High price is frequently caused when fixed costs are average into a small quality.

[3] Most coal destined for the Barry plant is reported by the Alabama Power Company as it is received at the Gorgas Transshipping Facility.

[4] The cost reported under IMT Transfer (Louisiana) is the weighted average cost of coal delivered to this facility. Florida Power Corporation incurs additional costs for transporting coal from the transfer facility to the Crystal River power plant. These additional costs are not included in data shown in this report. When aggregated at the Sate level, data for this transfer facility are shown as though the coal were delivered to Florida.

[5] The cost reported under Davant Transfer (Louisiana) is the weighted average cost of coal delivered to this facility located in Louisiana. The Tampa Electric Company incurs additional costs for transporting this coal from Davant to its power plants which are located in Florida. These costs are not included in data shown in this report. When aggregated at the State level, data for this transfer facility are shown as though the coal were delivered to Florida.

[6] Coal reported as delivered to the Cahokia, Cora, and GRT transfer facilities is later transferred to individual electric plants located in Alabama, Kentucky, and Tennessee. The cost of transportation from these facilities to the electric plants is not included in the costs shown in this report. Coal delivered to Cahokia is later transferred primarily to the Colbert and Widows Creek plants in Alabama. Nearly all the coal delivered to the Cora facility is transferred to plants in Tennessee. Almost 1 percent was transferred to plants in Alabama. All coal delivered to the Cora facility is shown in this report as being delivered to Tennessee. Approximately 64 percent of the coal delivered to the GRT facility was transferred to plants in Tennessee. Approximately 36 percent was transferred to plants in Alabama. All coal delivered to GRT is shown in this report as being delivered to Tennessee.

* = For detailed data, the absolute value is less than 0.5, for percentage calculations, the absolute value is less than 0.05 percent

Notes: • Data for 2002 are preliminary. • Total may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Mcf=thousand cubic feet and bbl=barrel. • Monetary values are expressed in nominal terms.

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

U.S. Electric Nonutility Net Generation

Table 58. U.S. Nonutility Net Generation, 1990 Through November 2002

(Million Kilowatthours)

Period	Coal	Petroleum[1]	Gas[2]	Nuclear	Hydroelectric	Geothermal	Other[3]	Total
1990	**30,699**	**7,031**	**114,253**	**113**	**9,580**	**7,207**	**47,733**	**216,615**
1991	**38,773**	**7,494**	**128,419**	**77**	**9,446**	**7,953**	**54,017**	**246,178**
1992	**45,189**	**10,508**	**154,429**	**65**	**9,352**	**8,318**	**58,287**	**286,148**
1993	**50,859**	**12,814**	**169,502**	**76**	**11,396**	**9,454**	**60,299**	**314,399**
1994	**56,197**	**14,464**	**186,924**	**52**	**13,095**	**9,816**	**62,539**	**343,087**
1995	**57,261**	**14,416**	**204,804**	**-**	**14,626**	**9,614**	**62,587**	**363,308**
1996	**58,257**	**14,337**	**207,417**	**-**	**16,390**	**9,892**	**63,260**	**369,552**
1997	**56,298**	**15,272**	**213,160**	**-**	**17,673**	**9,100**	**60,196**	**371,700**
1998	**66,466**	**16,775**	**239,992**	**-**	**14,486**	**9,550**	**58,433**	**405,702**
1999	**116,642**	**36,631**	**273,598**	**3,218**	**19,445**	**13,316**	**68,020**	**530,871**
2000								
January	19,634	3,547	23,541	1,799	2,215	1,186	5,684	57,605
February	17,847	2,528	22,514	1,635	1,826	1,061	5,440	52,851
March	17,923	1,919	22,490	1,790	2,250	1,052	5,740	53,164
April	17,148	1,791	21,712	1,737	2,333	1,095	5,635	51,450
May	19,593	2,086	25,596	1,615	2,293	1,120	5,510	57,814
June	21,593	2,681	28,142	1,622	2,114	1,132	5,613	62,896
July	26,755	2,656	30,352	4,633	2,077	1,205	5,941	73,618
August	27,707	3,509	34,600	5,049	2,120	1,237	5,774	79,996
September	24,967	2,735	30,281	7,028	2,091	1,197	5,548	73,849
October	24,161	3,232	28,271	6,143	1,829	1,232	5,770	70,637
November	24,894	3,307	27,071	6,737	1,811	1,238	5,571	70,630
December	28,884	6,611	27,096	8,672	1,927	1,290	5,571	80,051
Total	**271,106**	**36,601**	**321,665**	**48,460**	**24,886**	**14,046**	**67,796**	**784,561**
2001								
January	34,248	7,550	28,403	19,831	1,632	1,277	5,963	98,905
February	29,666	4,771	25,981	17,725	1,687	1,142	5,259	86,231
March	28,936	5,392	29,453	18,664	1,881	1,178	5,916	91,422
April	25,730	4,137	27,124	16,961	2,291	1,088	6,187	83,518
May	26,244	3,724	30,315	18,200	2,076	1,071	6,201	87,831
June	29,355	4,346	33,616	20,173	1,969	1,071	6,293	96,823
July	32,770	4,030	39,214	20,719	1,360	1,160	6,659	105,912
August	34,379	5,575	43,329	20,123	1,086	1,147	6,669	112,308
September	28,402	2,247	34,999	19,521	872	1,123	6,244	93,409
October	27,441	2,360	33,755	19,284	855	1,143	6,393	91,229
November	26,737	2,216	28,763	20,927	950	1,141	6,258	86,992
December	28,589	2,747	30,519	22,490	1,380	1,180	6,396	93,301
Total	**352,498**	**49,093**	**385,473**	**234,619**	**18,038**	**13,722**	**74,439**	**1,127,882**
2002								
January	33,420	2,297	32,570	24,096	1,347	1,187	6,297	101,214
February	26,163	2,335	30,632	21,400	1,641	1,023	7,342	90,536
March	30,643	3,254	36,770	19,997	1,979	1,147	7,190	100,979
April	31,153	2,666	33,882	19,383	2,729	1,020	6,200	97,034
May	30,968	2,439	32,842	22,564	2,898	1,111	6,551	99,372
June	33,660	2,849	41,188	23,384	2,327	1,035	6,572	111,015
July	38,379	4,352	54,100	24,319	1,545	1,145	7,126	130,966
August	38,050	3,635	52,563	24,818	986	1,125	6,807	127,985
September	36,099	2,526	45,001	22,622	1,067	1,087	6,629	115,031
October	34,872	2,881	37,440	21,260	1,254	1,115	6,251	105,072
November	35,042	2,651	33,971	22,943	1,828	1,107	5,875	103,416
Total	**368,449**	**31,886**	**430,959**	**246,786**	**19,600**	**12,101**	**72,839**	**1,182,621**
Year to Date								
2002	**368,449**	**31,886**	**430,959**	**246,786**	**19,600**	**12,101**	**72,839**	**1,182,621**
2001	**323,908**	**46,346**	**354,953**	**212,129**	**16,658**	**12,542**	**68,043**	**1,034,581**

[1] Includes fuel oil nos. 1, 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke.

[2] Includes supplemental gaseous fuel.

[3] Includes biomass, wind, photovoltaic, solar thermal, batteries, chemicals, hydrogen, sulfur, pitch, purchased steam and miscellaneous technologies.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • Values for 2000 and prior years are final. • See Technical Notes for a discussion of the sample design. • Totals may not equal sum of components because of independent rounding. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Sources: • 2000: Form EIA - 900 "Monthly Nonutility Power Plant Report." • 1990 - 1999: Energy Information Administration Form EIA-860B, "Annual Electric Generator Report - Nonutility," and predecessor forms. • 2001 forward - Form EIA-906, "Power Plant Report."

Table 59. U.S. Nonutility Net Generation by Nonrenewable Energy Source, 1990 Through November 2002

(Million Kilowatthours)

Period	All Nonrenewable Energy Sources	Coal[1]	Petroleum[2]	Gas	Nuclear	Hydroelectric (Pumped Storage)
1990	**152,095**	**30,699**	**7,031**	**114,253**	**113**	**-**
1991	**174,763**	**38,773**	**7,494**	**128,419**	**77**	**-**
1992	**210,192**	**45,189**	**10,508**	**154,429**	**65**	**-**
1993	**233,251**	**50,859**	**12,814**	**169,502**	**76**	**-**
1994	**257,638**	**56,197**	**14,464**	**186,924**	**52**	**-**
1995	**276,481**	**57,261**	**14,416**	**204,804**	**-**	**-**
1996	**280,010**	**58,257**	**14,337**	**207,417**	**-**	**-**
1997	**284,730**	**56,298**	**15,272**	**213,160**	**-**	**-**
1998	**323,233**	**66,466**	**16,775**	**239,992**	**-**	**-**
1999	**429,964**	**116,642**	**36,631**	**273,598**	**3,218**	**-124**
2000						
January	48,502	19,634	3,547	23,541	1,799	-19
February	44,508	17,847	2,528	22,514	1,635	-16
March	44,109	17,923	1,919	22,490	1,790	-13
April	42,347	17,148	1,791	21,712	1,737	-41
May	48,833	19,593	2,086	25,596	1,615	-57
June	53,976	21,593	2,681	28,142	1,622	-61
July	64,323	26,755	2,656	30,352	4,633	-71
August	70,792	27,707	3,509	34,600	5,049	-73
September	64,940	24,967	2,735	30,281	7,028	-71
October	61,746	24,161	3,232	28,271	6,143	-60
November	61,956	24,894	3,307	27,071	6,737	-54
December	71,208	28,884	6,611	27,096	8,672	-56
Total	**677,241**	**271,106**	**36,601**	**321,665**	**48,460**	**-592**
2001						
January	89,981	34,248	7,550	28,403	19,831	-52
February	78,072	29,666	4,771	25,981	17,725	-71
March	82,353	28,936	5,392	29,453	18,664	-93
April	73,856	25,730	4,137	27,124	16,961	-96
May	78,391	26,244	3,724	30,315	18,200	-93
June	87,384	29,355	4,346	33,616	20,173	-105
July	96,626	32,770	4,030	39,214	20,719	-106
August	103,296	34,379	5,575	43,329	20,123	-111
September	85,048	28,402	2,247	34,999	19,521	-122
October	82,746	27,441	2,360	33,755	19,284	-92
November	78,564	26,737	2,216	28,763	20,927	-79
December	84,247	28,589	2,747	30,519	22,490	-99
Total	**1,020,564**	**352,498**	**49,093**	**385,473**	**234,619**	**-1,119**
2002						
January	92,343	33,420	2,297	32,570	24,096	-40
February	80,465	26,163	2,335	30,632	21,400	-64
March	90,619	30,643	3,254	36,770	19,997	-45
April	87,016	31,153	2,666	33,882	19,383	-69
May	88,719	30,968	2,439	32,842	22,564	-94
June	100,980	33,660	2,849	41,188	23,384	-102
July	121,063	38,379	4,352	54,100	24,319	-88
August	118,965	38,050	3,635	52,563	24,818	-101
September	106,184	36,099	2,526	45,001	22,622	-65
October	96,343	34,872	2,881	37,440	21,260	-110
November	94,531	35,042	2,651	33,971	22,943	-76
Total	**1,077,227**	**368,449**	**31,886**	**430,959**	**246,786**	**-854**
Year to Date						
2002	**1,077,227**	**368,449**	**31,886**	**430,959**	**246,786**	**-854**
2001	**936,317**	**323,908**	**46,346**	**354,953**	**212,129**	**-1,020**

[1] Includes lignite, bituminous coal, subbituminous coal, and anthracite.

[2] Includes fuel oil Nos. 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • Values for 2000 and prior years are final. • See Technical Notes for a discussion of the sample design. • Total may not equal sum of components because of independent rounding. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Sources: • 1990 - 1999: Energy Information Administration Form EIA-860B, "Annual Electric Generator Report - Nonutility," and predecessor forms. • 2000: Form EIA-900, "Monthly Nonutility Power Plant Report." • 2001 forward - Form EIA-906, "Power Plant Report."

Table 60. U.S. Nonutility Net Generation by Renewable Energy Source, 1990 Through November 2002

(Million Kilowatthours)

Period	All Renewable Energy Sources	Hydroelectric (Conventional)	Geothermal	Biomass	Wind	Photovoltaic	Solar Thermal
1990	**61,873**	**9,580**	**7,207**	**41,408**	**3,035**	**8**	**636**
1991	**67,914**	**9,446**	**7,953**	**46,740**	**3,019**	**5**	**751**
1992	**72,545**	**9,352**	**8,318**	**51,264**	**2,887**	**3**	**720**
1993	**78,059**	**11,396**	**9,454**	**53,318**	**3,022**	**2**	**868**
1994	**82,055**	**13,095**	**9,816**	**54,898**	**3,447**	**0**	**799**
1995	**83,155**	**14,626**	**9,614**	**54,962**	**3,153**	**-**	**-**
1996	**85,864**	**16,390**	**9,892**	**55,341**	**3,366**	**-**	**-**
1997	**83,519**	**17,673**	**9,100**	**52,664**	**3,216**	**-**	**-**
1998	**78,862**	**14,486**	**9,550**	**50,988**	**2,985**	**10**	**843**
1999	**100,906**	**19,570**	**13,316**	**62,710**	**4,465**	**55**	**790**
2000							
January	9,103	2,234	1,186	5,262	387	5	30
February	8,343	1,842	1,061	5,029	364	5	42
March	9,055	2,263	1,052	5,255	426	5	56
April	9,103	2,374	1,095	5,074	491	5	64
May	8,981	2,350	1,120	4,977	458	5	71
June	8,920	2,176	1,132	5,084	424	5	100
July	9,294	2,148	1,205	5,442	397	5	97
August	9,203	2,192	1,237	5,264	405	5	99
September	8,908	2,162	1,197	5,076	379	5	90
October	8,891	1,889	1,232	5,281	440	5	45
November	8,674	1,865	1,238	5,100	414	5	53
December	8,844	1,983	1,290	5,186	341	5	40
Total	**107,320**	**25,478**	**14,046**	**62,030**	**4,925**	**55**	**787**
2001							
January	8,924	1,684	1,277	5,642	309	-	12
February	8,159	1,758	1,142	4,935	311	-	13
March	9,069	1,974	1,178	5,393	479	-	44
April	9,662	2,387	1,088	5,479	648	-	60
May	9,440	2,169	1,071	5,496	614	-	91
June	9,439	2,075	1,071	5,544	637	-	112
July	9,286	1,466	1,160	5,970	568	-	121
August	9,013	1,197	1,147	6,052	495	-	122
September	8,361	994	1,123	5,714	405	-	125
October	8,483	947	1,143	5,889	456	-	49
November	8,428	1,028	1,141	5,841	356	-	62
December	9,054	1,479	1,180	5,948	402	-	46
Total	**107,318**	**19,157**	**13,722**	**67,902**	**5,680**	**-**	**856**
2002							
January	8,871	1,387	1,187	6,115	151	-	30
February	10,071	1,706	1,023	6,808	502	-	33
March	10,360	2,023	1,147	6,553	591	-	46
April	10,018	2,798	1,020	5,181	960	-	59
May	10,653	2,991	1,111	5,456	1,005	-	90
June	10,035	2,429	1,035	5,559	903	-	109
July	9,904	1,633	1,145	6,266	753	-	106
August	9,020	1,088	1,125	5,965	743	-	99
September	8,847	1,132	1,087	5,618	959	-	52
October	8,730	1,364	1,115	5,540	655	-	55
November	8,885	1,903	1,107	5,288	557	-	30
Total	**105,394**	**20,453**	**12,101**	**64,350**	**7,779**	**-**	**709**
Year to Date							
2002	**105,394**	**20,453**	**12,101**	**64,350**	**7,779**	**-**	**709**
2001	**98,263**	**17,678**	**12,542**	**61,954**	**5,279**	**-**	**810**

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • Values for 2000 and prior years are final. • See Technical Notes for a discussion of the sample design. • Total may not equal sum of components because of independent rounding. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Sources: • 1990 - 1999: Energy Information Administration Form EIA-860B, "Annual Electric Generator Report - Nonutility," and predecessor forms. • 2000: Form EIA-900, "Monthly Nonutility Power Plant Report." • 2001 forward - Form EIA-906, "Power Plant Report."

Table 61. Nonutility Net Generation by Census Division

(Million Kilowatthours)

Census Division	November 2002	October 2002	November 2001	Year to Date		
				2002	2001	Difference (percent)
New England	10,013	8,434	7,766	97,427	87,399	11.5
Middle Atlantic	25,593	26,314	24,601	300,729	288,984	4.1
East North Central	15,626	17,171	14,832	185,403	169,948	9.1
West North Central	638	673	587	8,873	6,822	30.1
South Atlantic	11,220	12,073	10,717	134,525	135,335	-0.6
East South Central	2,574	2,249	2,003	29,116	25,220	15.4
West South Central	21,919	21,974	11,914	256,760	138,533	85.3
Mountain	4,007	4,519	3,570	40,740	35,438	15.0
Pacific Contiguous	11,345	11,200	10,544	124,274	141,787	-12.4
Pacific Noncontiguous	481	465	458	4,775	5,114	-6.6
U.S. Total	**103,416**	**105,072**	**86,992**	**1,182,621**	**1,034,581**	**14.3**

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

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

Table 62. Nonutility Net Generation from Coal by Census Division

(Million Kilowatthours)

Census Division	November 2002	October 2002	November 2001	Year to Date				
				Coal Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	1,489	1,242	1,157	13,817	13,625	1.4	14.2	15.6
Middle Atlantic	10,398	11,216	9,266	114,781	119,414	-3.9	38.2	41.3
East North Central	6,282	6,920	5,000	68,918	57,271	20.3	37.2	33.7
West North Central	NM	NM	NM	3,378	2,893	16.8	38.1	42.4
South Atlantic	6,716	6,165	5,987	72,733	74,214	-2.0	54.1	54.8
East South Central	1,673	1,030	1,068	12,888	12,755	1.0	44.3	50.6
West South Central	5,441	5,102	1,153	57,136	15,192	276.1	22.3	11.0
Mountain	1,474	1,494	1,601	13,604	16,499	-17.5	33.4	46.6
Pacific Contiguous	1,110	1,250	1,103	9,492	10,341	-8.2	7.6	7.3
Pacific Noncontiguous	NM	NM	NM	1,702	1,704	-0.1	35.6	33.3
U.S. Total	**35,042**	**34,872**	**26,737**	**368,449**	**323,908**	**13.8**	**31.2**	**31.3**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • 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. • Coal includes lignite, bituminous coal, subbituminous coal, synthetic coal and waste coal. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

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

Table 63. Nonutility Net Generation from Petroleum by Census Division

(Million Kilowatthours)

Census Division	November 2002	October 2002	November 2001	Year to Date				
				Petroleum Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	710	960	775	9,371	14,875	-37.0	9.6	17.0
Middle Atlantic	653	423	355	6,833	11,735	-41.8	2.3	4.1
East North Central	NM	NM	NM	972	2,163	-55.1	0.5	1.3
West North Central	NM	NM	NM	40	85	-52.6	0.5	1.2
South Atlantic	NM	706	447	6,227	8,647	-28.0	4.6	6.4
East South Central	NM	NM	NM	258	292	-11.6	0.9	1.2
West South Central	332	NM	NM	3,537	3,010	17.5	1.4	2.2
Mountain	NM	NM	NM	625	574	8.9	1.5	1.6
Pacific Contiguous	306	NM	NM	2,715	3,085	-12.0	2.2	2.2
Pacific Noncontiguous	156	NM	NM	1,309	1,881	-30.4	27.4	36.8
U.S. Total	**2,651**	**2,881**	**2,216**	**31,886**	**46,346**	**-31.2**	**2.7**	**4.5**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • 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. • Includes fuel oil Nos. 2, 4, 5, and 6, crude oil, kerosene, petroleum coke, and waste oil. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

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

Table 64. Nonutility Net Generation from Gas by Census Division

(Million Kilowatthours)

Census Division	November 2002	October 2002	November 2001	Year to Date				
				Gas Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	3,502	3,399	2,970	38,917	30,049	29.5	39.9	34.4
Middle Atlantic	3,349	4,076	3,790	50,659	47,366	7.0	16.8	16.4
East North Central	1,249	2,157	1,694	28,120	20,314	38.4	15.2	12.0
West North Central	NM	NM	NM	2,226	1,218	82.8	25.1	17.8
South Atlantic	1,204	2,161	NM	24,620	20,079	22.6	18.3	14.8
East South Central	NM	NM	NM	8,476	5,782	46.6	29.1	22.9
West South Central	14,196	14,722	9,763	170,562	111,723	52.7	66.4	80.6
Mountain	2,045	2,604	1,497	20,669	13,136	57.3	50.7	37.1
Pacific Contiguous	8,011	7,560	7,302	85,746	104,562	-18.0	69.0	73.7
Pacific Noncontiguous	NM	NM	64	965	725	33.2	20.2	14.2
U.S. Total	**33,971**	**37,440**	**28,763**	**430,959**	**354,953**	**21.4**	**36.4**	**34.3**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • 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 the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

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

Table 65. Nonutility Net Generation from Hydroelectric by Census Division

(Million Kilowatthours)

Census Division	November 2002	October 2002	November 2001	Year to Date				
				Hydroelectric Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	412	257	NM	4,756	4,185	13.6	4.9	4.8
Middle Atlantic	463	289	261	4,537	4,386	3.4	1.5	1.5
East North Central	NM	NM	NM	424	352	20.4	0.2	0.2
West North Central	NM	NM	NM	350	285	22.7	3.9	4.2
South Atlantic	456	272	95	3,142	2,555	23.0	2.3	1.9
East South Central	82	74	44	540	349	54.6	1.9	1.4
West South Central	60	60	32	875	648	35.0	0.3	0.5
Mountain	250	201	193	3,571	2,873	24.3	8.8	8.1
Pacific Contiguous	NM	NM	NM	1,317	978	34.7	1.1	0.7
Pacific Noncontiguous	NM	NM	NM	87	46	91.9	1.8	0.9
U.S. Total	**1,828**	**1,254**	**950**	**19,600**	**16,658**	**17.7**	**1.7**	**1.6**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • 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 the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

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

Table 66. Nonutility Net Generation from Nuclear by Census Division

(Million Kilowatthours)

Census Division	November 2002	October 2002	November 2001	Year to Date				
				Nuclear Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	3,147	1,842	1,857	20,970	16,026	30.8	21.5	18.3
Middle Atlantic	10,154	9,756	10,291	117,290	99,321	18.1	39.0	34.4
East North Central	7,607	7,553	7,536	82,482	84,413	-2.3	44.5	49.7
West North Central	-	-	-	-	-	-	-	-
South Atlantic	1,079	1,271	1,244	10,836	12,369	-12.4	8.1	9.1
East South Central	-	-	-	-	-	-	-	-
West South Central	955	838	-	15,209	-	-	5.9	-
Mountain	-	-	-	-	-	-	-	-
Pacific Contiguous	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-
U.S. Total	**22,943**	**21,260**	**20,927**	**246,786**	**212,129**	**16.3**	**20.9**	**20.5**

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • 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 the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

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

Table 67. Nonutility Net Generation from Other Energy Sources by Census Division

(Million Kilowatthours)

Census Division	November 2002	October 2002	November 2001	Year to Date				
				Other Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	753	735	798	9,596	8,639	11.1	9.8	9.9
Middle Atlantic	575	554	639	6,630	6,762	-1.9	2.2	2.3
East North Central	380	NM	NM	4,486	5,435	-17.5	2.4	3.2
West North Central	242	216	256	2,879	2,342	22.9	32.4	34.3
South Atlantic	1,441	1,497	1,638	16,967	17,470	-2.9	12.6	12.9
East South Central	509	595	566	6,954	6,042	15.1	23.9	24.0
West South Central	934	1,015	805	9,442	7,960	18.6	3.7	5.7
Mountain	NM	NM	215	2,270	2,355	-3.6	5.6	6.6
Pacific Contiguous	1,882	2,117	1,910	25,005	22,822	9.6	20.1	16.1
Pacific Noncontiguous	NM	NM	66	712	759	-6.2	14.9	14.8
U.S. Total	**6,982**	**7,366**	**7,400**	**84,940**	**80,585**	**5.4**	**7.2**	**7.8**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • 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. • Other energy sources include geothermal, biomass, wind, solar batteries, chemical, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

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

U.S. Electric Nonutility Consumption of Fossil Fuels

Table 68. U.S. Nonutility Consumption of Fossil Fuels, 1990 Through November 2002

Period	Coal (thousand short tons)				Petroleum (thousand barrels)			Petroleum Coke (thousand short tons)	Gas (thousand Mcf)
	Anthracite[1]	Bituminous[2]	Lignite	Total	Distillate	Residual	Total		
1990	**1,652**	**28,038**	**2,621**	**32,311**	**6,699**	**21,179**	**27,878**	**1,108**	**1,388,020**
1991	**3,159**	**32,601**	**2,359**	**38,119**	**6,217**	**21,665**	**27,882**	**1,629**	**2,934,556**
1992	**2,473**	**37,522**	**4,612**	**44,607**	**7,266**	**24,610**	**31,876**	**2,750**	**3,432,489**
1993	**3,610**	**41,157**	**3,576**	**48,343**	**8,534**	**28,427**	**36,961**	**3,182**	**3,695,704**
1994	**4,040**	**43,204**	**5,017**	**52,261**	**10,036**	**31,853**	**41,889**	**4,740**	**3,740,297**
1995	**3,014**	**42,414**	**4,901**	**50,329**	**11,559**	**23,473**	**35,032**	**4,188**	**3,915,937**
1996	**3,840**	**45,052**	**4,307**	**53,199**	**5,851**	**32,593**	**38,444**	**4,484**	**4,184,990**
1997	**4,556**	**43,836**	**4,165**	**52,557**	**12,394**	**22,481**	**34,875**	**4,364**	**3,184,970**
1998	**3,268**	**48,757**	**4,825**	**56,850**	**11,521**	**42,754**	**54,275**	**4,470**	**3,547,447**
1999	**NA**	**NA**	**NA**	**58,396**	**NA**	**NA**	**52,141**	**2,915**	**2,635,525**
2000									
January	NA	NA	NA	9,590	NA	NA	5,173	270	242,693
February	NA	NA	NA	8,738	NA	NA	3,460	254	231,211
March	NA	NA	NA	8,910	NA	NA	2,367	282	236,980
April	NA	NA	NA	8,501	NA	NA	2,236	261	226,604
May	NA	NA	NA	9,664	NA	NA	2,848	229	263,660
June	NA	NA	NA	10,691	NA	NA	3,935	230	288,515
July	NA	NA	NA	12,925	NA	NA	3,701	263	309,759
August	NA	NA	NA	13,345	NA	NA	5,301	235	352,104
September	NA	NA	NA	11,931	NA	NA	3,910	259	307,180
October	NA	NA	NA	11,714	NA	NA	4,533	257	288,131
November	NA	NA	NA	11,853	NA	NA	4,681	251	269,785
December	NA	NA	NA	13,769	NA	NA	10,496	228	270,468
Total	NA	NA	NA	131,631	NA	NA	52,640	3,021	3,287,090
2001									
January	NA	NA	NA	16,518	NA	NA	13,230	311	321,568
February	NA	NA	NA	14,378	NA	NA	8,102	279	294,145
March	NA	NA	NA	14,250	NA	NA	8,823	301	334,966
April	NA	NA	NA	12,712	NA	NA	6,748	272	301,883
May	NA	NA	NA	13,021	NA	NA	5,818	304	342,101
June	NA	NA	NA	14,585	NA	NA	7,181	275	360,632
July	NA	NA	NA	16,438	NA	NA	6,321	310	425,552
August	NA	NA	NA	17,045	NA	NA	9,362	257	468,439
September	NA	NA	NA	14,475	NA	NA	3,361	268	388,320
October	NA	NA	NA	13,811	NA	NA	3,434	276	367,636
November	NA	NA	NA	13,473	NA	NA	3,386	239	315,643
December	NA	NA	NA	14,535	NA	NA	3,928	321	333,946
Total	NA	NA	NA	175,241	NA	NA	79,695	3,413	4,254,831
2002									
January	NA	NA	NA	17,082	NA	NA	3,068	381	354,150
February	NA	NA	NA	13,386	NA	NA	2,986	275	327,071
March	NA	NA	NA	16,067	NA	NA	4,683	255	377,586
April	NA	NA	NA	16,401	NA	NA	3,366	270	337,909
May	NA	NA	NA	16,547	NA	NA	3,063	312	328,845
June	NA	NA	NA	17,668	NA	NA	4,002	301	399,700
July	NA	NA	NA	19,969	NA	NA	5,736	305	516,890
August	NA	NA	NA	19,320	NA	NA	5,152	486	484,732
September	NA	NA	NA	17,515	NA	NA	3,208	244	408,798
October	NA	NA	NA	17,550	NA	NA	4,206	290	382,342
November	NA	NA	NA	17,383	NA	NA	3,617	304	343,888
Total	NA	NA	NA	188,888	NA	NA	43,086	3,423	4,261,908
Year to Date									
2002	**NA**	**NA**	**NA**	**188,888**	**NA**	**NA**	**43,086**	**3,423**	**4,261,908**
2001	**NA**	**NA**	**NA**	**160,706**	**NA**	**NA**	**75,767**	**3,093**	**3,920,885**

[1] Includes anthracite silt stored off-site.
[2] Includes subbituminous coal.

NA = This estimated value is not available due to insufficient data or inadequate data/model performance.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • Values for 2000 and prior years are final. • See Technical Notes for a discussion of the sample design. • 1992-2000 consumption also includes fuels used for the production of thermal heat from cogenerators. • Totals may not equal sum of components because of independent rounding. • Mcf = thousand cubic feet. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Sources: • 1990 - 1999: Energy Information Administration Form EIA-860B, "Annual Electric Generator Report - Nonutility," and predecessor forms. • 2000: Form EIA-900, "Monthly Nonutility Power Plant Report." • 2001 forward - Form EIA-906, "Power Plant Report."

Table 69. Nonutility Consumption of Coal by Census Division

(Thousand Short Tons)

Census Division	November 2002	October 2002	November 2001	Year to Date		
				2002	2001	Difference (percent)
New England	735	497	473	5,540	5,645	-1.9
Middle Atlantic	4,697	5,001	4,251	50,056	53,075	-5.7
East North Central	3,660	4,019	2,816	39,345	33,213	18.5
West North Central	NM	NM	NM	2,610	2,424	7.7
South Atlantic	2,833	2,682	2,601	30,654	31,893	-3.9
East South Central	446	484	436	5,824	6,092	-4.4
West South Central	2,937	2,764	801	39,045	10,227	281.8
Mountain	933	954	1,079	8,818	10,628	-17.0
Pacific Contiguous	781	801	725	6,017	6,545	-8.1
Pacific Noncontiguous	NM	NM	NM	979	967	1.2
U.S. Total	**17,383**	**17,550**	**13,473**	**188,888**	**160,706**	**17.5**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Totals may not equal sum of components because of independent rounding. • Coal includes lignite, bituminous coal, subbituminous coal, synthetic coal and waste coal. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

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

Table 70. Nonutility Consumption of Petroleum by Census Division

(Thousand Barrels)

Census Division	November 2002	October 2002	November 2001	Year to Date		
				2002	2001	Difference (percent)
New England	1,194	1,633	1,421	14,871	25,400	-41.5
Middle Atlantic	1,067	756	NM	11,639	21,410	-45.6
East North Central	NM	NM	NM	1,284	3,830	-66.5
West North Central	NM	NM	NM	104	198	-47.8
South Atlantic	NM	1,152	822	9,629	15,769	-38.9
East South Central	NM	NM	NM	670	1,078	-37.9
West South Central	NM	NM	NM	1,272	1,587	-19.8
Mountain	NM	NM	NM	152	393	-61.4
Pacific Contiguous	NM	NM	NM	1,223	3,090	-60.4
Pacific Noncontiguous	284	294	NM	2,242	3,012	-25.6
U.S. Total	**3,617**	**4,206**	**3,386**	**43,086**	**75,767**	**-43.1**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Data do not include petroleum coke, therefore, percent change in fuel consumption and generation may not be consistent. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

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

Table 71. Nonutility Consumption of Gas by Census Division

(Million Cubic Feet)

Census Division	November 2002	October 2002	November 2001	Year to Date		
				2002	2001	Difference (percent)
New England	26,986	25,516	24,288	297,158	253,639	17.2
Middle Atlantic	30,766	41,356	38,955	491,472	475,326	3.4
East North Central	NM	NM	36,516	512,203	474,222	8.0
West North Central	NM	NM	NM	25,857	21,952	17.8
South Atlantic	16,863	26,846	17,288	298,514	241,421	23.6
East South Central	NM	NM	NM	97,437	91,119	6.9
West South Central	137,616	144,329	102,077	1,620,923	1,176,533	37.8
Mountain	16,661	17,948	13,309	175,815	132,245	32.9
Pacific Contiguous	75,364	71,340	75,066	733,287	1,045,700	-29.9
Pacific Noncontiguous	NM	NM	763	9,241	8,729	5.9
U.S. Total	**343,888**	**382,342**	**315,643**	**4,261,908**	**3,920,885**	**8.7**

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Totals may not equal sum of components because of independent rounding • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

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

Fossil-Fuel Stocks at U.S. Electric Nonutilities

Table 72. U.S. Nonutility Stocks of Coal and Petroleum, 1990 Through November 2002

Period	Coal (thousand short tons)				Petroleum (thousand barrels)			Petroleum Coke (thousand short tons)
	Anthracite	Bituminous	Lignite	Total	Distillate	Residual	Total	
1990	NA	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	NA	NA	NA	NA	NA	NA
1993	NA	NA	NA	NA	NA	NA	NA	NA
1994	NA	NA	NA	NA	NA	NA	NA	NA
1995	NA	NA	NA	NA	NA	NA	NA	NA
1996	NA	NA	NA	NA	NA	NA	NA	NA
1997	NA	NA	NA	NA	NA	NA	NA	NA
1998	NA	NA	NA	NA	NA	NA	NA	NA
1999	NA	NA	NA	14,050	NA	NA	8,666	NA
2000								
January	NA	NA	NA	15,233	NA	NA	6,710	NA
February	NA	NA	NA	14,446	NA	NA	6,611	NA
March	NA	NA	NA	14,983	NA	NA	6,587	NA
April	NA	NA	NA	16,235	NA	NA	7,336	NA
May	NA	NA	NA	17,240	NA	NA	7,621	NA
June	NA	NA	NA	16,719	NA	NA	9,344	NA
July	NA	NA	NA	16,317	NA	NA	12,470	NA
August	NA	NA	NA	16,546	NA	NA	11,383	NA
September	NA	NA	NA	16,020	NA	NA	11,784	NA
October	NA	NA	NA	15,980	NA	NA	12,365	NA
November	NA	NA	NA	15,537	NA	NA	12,701	NA
December	NA	NA	NA	13,001	NA	NA	11,089	NA
2001								
January	NA	NA	NA	20,876	NA	NA	15,502	NA
February	NA	NA	NA	21,545	NA	NA	16,557	NA
March	NA	NA	NA	23,831	NA	NA	15,105	NA
April	NA	NA	NA	25,751	NA	NA	16,411	NA
May	NA	NA	NA	27,276	NA	NA	19,700	NA
June	NA	NA	NA	27,555	NA	NA	19,264	NA
July	NA	NA	NA	26,537	NA	NA	19,886	NA
August	NA	NA	NA	26,106	NA	NA	16,703	NA
September	NA	NA	NA	28,536	NA	NA	18,473	NA
October	NA	NA	NA	30,588	NA	NA	20,098	NA
November	NA	NA	NA	31,936	NA	NA	20,876	NA
December	NA	NA	NA	32,420	NA	NA	20,856	NA
2002								
January	NA	NA	NA	35,332	NA	NA	22,762	NA
February	NA	NA	NA	34,114	NA	NA	20,980	NA
March	NA	NA	NA	34,936	NA	NA	18,762	NA
April	NA	NA	NA	39,415	NA	NA	19,881	NA
May	NA	NA	NA	38,891	NA	NA	19,491	NA
June	NA	NA	NA	38,943	NA	NA	21,774	NA
July	NA	NA	NA	37,134	NA	NA	17,854	NA
August	NA	NA	NA	30,392	NA	NA	15,376	NA
September	NA	NA	NA	35,774	NA	NA	14,920	NA
October	NA	NA	NA	36,864	NA	NA	16,156	NA
November	NA	NA	NA	37,457	NA	NA	16,074	NA

NA = This estimated value is not available due to insufficient data or inadequate data/model performance.

Notes: • Values are not available for nonutility plants prior to 1999. Data for 2000 - 2002 represent only stocks reported by facilities that are in the cutoff model sample. Data do not include estimates for facilities that are not required to report on Form EIA-906. • Totals may not equal sum of components because of independent rounding. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

Sources: • 1990 - 2000: Energy Information Administration Form EIA-860B, "Annual Electric Generator Report - Nonutility," and predecessor forms. • 2000: Form EIA-900, "Monthly Nonutility Power Plant Report." • 2001 forward - Form EIA-906, "Power Plant Report."

Table 73. Nonutility Stocks of Coal by Census Division

(Thousand Short Tons)

Census Division	November 2002	October 2002	November 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	1,005	1,322	814	-24.0	23.5
Middle Atlantic	10,573	10,399	11,832	1.7	-10.6
East North Central	6,082	5,728	5,569	6.2	9.2
West North Central	65	236	273	-72.4	-76.1
South Atlantic	4,390	4,325	3,546	1.5	23.8
East South Central	2,273	2,126	1,223	6.9	85.9
West South Central	6,499	5,938	2,020	9.4	221.7
Mountain	5,408	5,446	5,581	-0.7	-3.1
Pacific Contiguous	1,134	1,318	899	-14.0	26.2
Pacific Noncontiguous	28	25	180	10.1	-84.5
U.S. Total	**37,457**	**36,864**	**31,936**	**1.6**	**17.3**

Notes: • Data for 2001 and 2002 represent only stocks reported by facilities that are in the cutoff model sample. Data do not include estimates for facilities that are not required to report on Form EIA-906. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Coal includes lignite, subbituminous, bituminous, and anthracite coal. • Stocks are end-of-month stocks at nonutility facilities reporting on the EIA Form 906. • Due to restructuring of the electric power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons of current and historical data.

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

Table 74. Nonutility Stocks of Petroleum by Census Division

(Thousand Barrels)

Census Division	November 2002	October 2002	November 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	2,964	2,999	4,646	-1.2	-36.2
Middle Atlantic	5,539	5,486	8,190	1.0	-32.4
East North Central	1,744	1,776	1,711	-1.8	1.9
West North Central	21	13	7	63.7	195.1
South Atlantic	3,901	4,010	4,419	-2.7	-11.7
East South Central	139	135	50	3.2	178.3
West South Central	951	786	185	20.9	412.9
Mountain	30	26	36	13.8	-17.8
Pacific Contiguous	741	849	1,537	-12.7	-51.8
Pacific Noncontiguous	44	75	94	-41.3	-52.9
U.S. Total	**16,074**	**16,156**	**20,876**	**-0.5**	**-23.0**

Notes: • Data for 2001 and 2002 represent only stocks reported by facilities that are in the cutoff model sample. Data do not include estimates for facilities that are not required to report on Form EIA-906. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Data do not include petroleum coke. • Stocks are end-of-the-month stocks at nonutility facilities reporting on the EIA Form 906. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

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

Monthly Plant Aggregates: U.S. Electric Nonutility Net Generation and Fuel Consumption

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
A E Staley Manufacturing Co	**29,856**	**-**	**-**	**-**	**-**	**-**	**28**	**-**	**-**
Decatur Plant Cogen (IL)	29,856	-	-	-	-	-	28	-	-
Abitibi Consolidated Sale Corp	**31,829**	**270**	**117**	**-**	**-**	**-**	**32**	**1**	**2**
Abitibi Consolidated Snowflake Division	31,829	270	117	-	-	-	32	1	2
ACE Cogeneration Co	**44,404**	**2,286**	**400**	**-**	**-**	**-**	**23**	**1**	**5**
ACE Cogen (CA)	44,404	2,286	400	-	-	-	23	1	5
Adirondack Resource Recy Assoc	**-**	**-**	**2**	**-**	**-**	**-**	**-**	**-**	*
Adirondack Resource Recovery (NY)	-	-	2	-	-	-	-	-	*
Aera Energy LLC-Coalinga	**-**	**-**	**37,844**	**-**	**-**	**-**	**-**	**-**	**445**
South Belridge Cogen (CA)	-	-	37,844	-	-	-	-	-	445
AES Cayuga LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AES Cayuga (NY)	-	-	-	-	-	-	-	-	-
AES Corp	**519,610**	**114,269**	**-**	**-**	**-**	**592**	**246**	**46**	**-**
AES BV Partners Beaver Valley (PA)	91,066	-	-	-	-	-	45	-	-
AES Deepwater Inc (TX)	-	111,902	-	-	-	-	-	43	-
AES Hawaii Inc (HI)	126,909	1,516	-	-	-	592	55	3	-
AES Placerita Inc (CA)	-	-	-	-	-	-	-	-	-
AES Shady Point Inc (OK)	175,528	-	-	-	-	-	89	-	-
AES Thames Inc (CT)	126,107	851	-	-	-	-	57	1	-
AES Greenridge LLC	**95,357**	**161**	**-**	**-**	**-**	**1,348**	**40**	*	**-**
AES Greenridge (NY)	95,357	161	-	-	-	1,348	40	*	-
AES Ironwood Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AES Ironwood (PA)	-	-		-	-	-	-	-	-
AES Red Oak LLC	**-**	**-**	**670**	**-**	**-**	**-**	**-**	**-**	**10**
AES Red Oak LLC Sayreville NJ (NJ)	-	-	670	-	-	-	-	-	10
AES Somerset LLC	**483,115**	**160**	**-**	**-**	**-**	**-**	**174**	*	**-**
AES Somerset LLC (NY)	483,115	160	-	-	-	-	174	*	-
AES Southland LLC-Alamitos	**-**	**-**	**200,757**	**-**	**-**	**-**	**-**	**-**	**2,200**
AES Alamitos LLC (CA)	-	-	200,757	-	-	-	-	-	2,200
AES Southland LLC-Huntington	**-**	**-**	**127,344**	**-**	**-**	**-**	**-**	**-**	**1,349**
AES Huntington Beach LLC (CA)	-	-	127,344	-	-	-	-	-	1,349
AES Southland LLC-Redondo	**-**	**-**	**2,296**	**-**	**-**	**-**	**-**	**-**	**28**
AES Redondo Beach LLC (CA)	-	-	2,296	-	-	-	-	-	28
AES Westover LLC	**75,076**	**99**	**-**	**-**	**-**	**-**	**32**	*	**-**
AES Westover (NY)	75,076	99	-	-	-	-	32	*	-
AES WR Ltd Partnership	**127,535**	**1,520**	**-**	**-**	**-**	**-**	**59**	**3**	**-**
AES Warrior Run Cogen (MD)	127,535	1,520	-	-	-	-	59	3	-
Ag Energy LP	**-**	**-**	**14,751**	**-**	**-**	**-**	**-**	**-**	**125**
AG Energy LP (NY)	-	-	14,751	-	-	-	-	-	125
Ag Processing Inc	**3,878**	**-**	**-**	**-**	**-**	**-**	**7**	**-**	**-**
AG Processing Inc (IA)	3,878	-	-	-	-	-	7	-	-
Agrilectric Power Partners Ltd	**-**	**-**	**92**	**-**	**-**	**5,567**	**-**	**-**	**1**
Agrilectric Power Partners Ltd (LA)	-	-	92	-	-	5,567	-	-	1
Air Liquide America Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bayou Cogen (TX)	-	-		-	-	-	-	-	-
Pt Neches Plant (TX)	-	-		-	-	-	-	-	-
Alabama Pine Pulp Co Inc	**-**	**917**	**-**	**-**	**-**	**38,574**	**-**	**5**	**-**
Alabama Pine Pulp Co Inc (AL)	-	917	-	-	-	38,574	-	5	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Alabama River Pulp Co Inc	**-**	**1,220**	**-**	**-**	**-**	**31,032**	**-**	**8**	**-**
Alabama River Pulp Co (AL)	-	1,220	-	-	-	31,032	-	8	-
Albuquerque City of	**-**	**-**	**-**	**-**	**-**	**3,052**	**-**	**-**	**-**
Southside Water Reclamation (NM)	-	-	-	-	-	3,052	-	-	-
Alcoa Inc	**240,528**	**-**	**-**	**-**	**-**	**-**	**197**	**-**	**-**
Sandow (TX)	240,528	-	-	-	-	-	197	-	-
Alcoa World Alumina LLC	**-**	**-**	**27,122**	**-**	**-**	**-**	**-**	**-**	**925**
Pt Comfort Operations (TX)	-	-	27,122	-	-	-	-	-	925
Aliso Water Management Agency	**-**	**-**	**54**	**-**	**-**	**487**	**-**	**-**	*
Aliso Water Management Agency (CA)	-	-	54	-	-	487	-	-	*
Allegheny Energy Unit 1&2 LLC	**3,809,963**	**126**	**9,853**	**17,119**	**-**	**-**	**1,506**	**2**	**83**
Allegheny Energy Unit 1&2 (PA)	-	-	1,944	-	-	-	-	-	15
Allegheny Energy Unit 8&9 (PA)	-	-	1,286	-	-	-	-	-	8
Armstrong (PA)	194,097	231	-	-	-	-	77	*	-
Buchanan Generating Facility Units 1& 2	-	-	318	-	-	-	-	-	3
Chambersburg Unit 12 & 13 (PA)	-	-	3,065	-	-	-	-	-	27
F Martin JO (WV)	723,012	604	-	-	-	-	274	1	-
Gleason (TN)	-	-	-	-	-	-	-	-	*
Harrison (WV)	1,211,281	-	860	-	-	-	478	-	8
Hatfield (PA)	743,198	381	-	-	-	-	290	1	-
Lake Lynn (WV)	-	-	-	17,119	-	-	-	-	-
Lincoln Energy Center (IL)	-	-	-	-	-	-	-	-	-
Mitchell (PA)	118,406	-1,260	291	-	-	-	52	-	3
Pleasants (WV)	781,590	-	2,089	-	-	-	317	-	19
R Paul Smith (MD)	38,379	170	-	-	-	-	18	*	-
Wheatland (IN)	-	-	-	-	-	-	-	-	*
Alliant Energy Integ Ser-Cogen	**-**	**65**	**920**	**-**	**-**	**-**	**-**	*	**9**
Alliant SBD 8501 Aeogon UDA (IA)	-	2	-	-	-	-	-	*	-
Alliant SBD 8601 ACG (IA)	-	2	-	-	-	-	-	*	-
Alliant SBD 8602 Marion Sub (IA)	-	1	-	-	-	-	-	*	-
Alliant SBD 9106 Rockwell CR (IA)	-	8	-	-	-	-	-	*	-
Alliant SBD 9107 Swift (IA)	-	9	-	-	-	-	-	*	-
Alliant SBD 9201 Norplex (IA)	-	1	-	-	-	-	-	*	-
Alliant SBD 9203 Profol (IA)	-	4	-	-	-	-	-	*	-
Alliant SBD 9205 A Y Mc Donald (IA)	-	5	-	-	-	-	-	*	-
Alliant SBD 9206 Donaldson (IA)	-	2	-	-	-	-	-	*	-
Alliant SBD 9301 Swiss (IA)	-	2	-	-	-	-	-	*	-
Alliant SBD 9302 Aegon NP (IA)	-	1	-	-	-	-	-	*	-
Alliant SBD 9402 Climax (IA)	-	19	-	-	-	-	-	*	-
Alliant SBD 9403 Aegon DC (IA)	-	3	-	-	-	-	-	*	-
Alliant SBD 9502 Eaton (IA)	-	5	-	-	-	-	-	*	-
Alliant SBD 9702 Cedar Graphics (IA)	-	1	-	-	-	-	-	*	-
Alliant SBG-9805 Rockford Products (IL)	-	-	920	-	-	-	-	-	9
Altamont-Midway Ltd	**-**	**-**	**-**	**-**	**-**	**324**	**-**	**-**	**-**
Altamont Midway Ltd (CA)	-	-	-	-	-	324	-	-	-
Amalgamated Sugar Co LLC	**5,335**	**-**	**-**	**-**	**-**	**-**	**13**	**-**	**-**
Amalgamated Sugar Nyssa (OR)	5,335	-	-	-	-	-	13	-	-
AmerGen	**-**	**-**	**-**	**-**	**736,406**	**-**	**-**	**-**	**-**
Clinton (IL)	-	-	-	-	736,406	-	-	-	-
AmerGen Energy Co LLC	**-**	**-**	**-**	**-**	**610,530**	**-**	**-**	**-**	**-**
3 Mile Island (PA)	-	-	-	-	610,530	-	-	-	-
AmerGen Energy LLC	**-**	**-**	**-**	**-**	**453,863**	**-**	**-**	**-**	**-**
Oyster Creek (NJ)	-	-	-	-	453,863	-	-	-	-
American Atlas #1 Ltd	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
American Atlas 1 Cogen (CO)	-	-		-	-	-	-	-	-
American Bituminous Power LP	**53,756**	**-**	**-**	**-**	**-**	**-**	**43**	**-**	**-**
Grant Town (WV)	53,756	-	-	-	-	-	43	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
American Crystal Sugar Co	**13,476**	**-**	**-**	**-**	**-**	**-**	**23**	**-**	**-**
ACS Drayton (ND)	4,510	-	-	-	-	-	11	-	-
ACS Hillsboro (ND)	8,966	-	-	-	-	-	12	-	-
American Electric Power Co Inc	**774,503**	**986**	**98,907**	**2,784**	**-**	**-**	**427**	**2**	**1,175**
Abilene (TX)	-	-	-	-	-	-	-	-	-
B M Davis (TX)	-	-	37,278	-	-	-	-	-	484
Coleto Crk (TX)	351,569	563	-	-	-	-	172	1	-
E S Joslin (TX)	-	-	-	-	-	-	-	-	-
Eagle Pass (TX)	-	-	-	2,784	-	-	-	-	-
Fort Phantm (TX)	-	-	-	-	-	-	-	-	-
FT Stockton (TX)	-	-	-	-	-	-	-	-	-
J L Bates (TX)	-	-	-	-	-	-	-	-	-
LA Palma (TX)	-	-	11,116	-	-	-	-	-	117
Lake Pauline(TX)	-	-	-	-	-	-	-	-	-
Laredo (TX)	-	-	13,456	-	-	-	-	-	161
Lon C Hill (TX)	-	-	-	-	-	-	-	-	-
Nueces Bay (TX)	-	-	-	-	-	-	-	-	-
Oak Creek (TX)	-	-	-	-	-	-	-	-	-
Oklaunion (TX)	422,934	423	-	-	-	-	255	1	-
Paint Creek(TX)	-	-	-	-	-	-	-	-	-
Presidio (TX)	-	-	-	-	-	-	-	-	-
Rio Pecos (TX)	-	-	12,453	-	-	-	-	-	158
San Angelo (TX)	-	-	24,604	-	-	-	-	-	255
Vernon (TX)	-	-	-	-	-	-	-	-	-
Victoria (TX)	-	-	-	-	-	-	-	-	-
American Ref-Fuel Co	**-**	**230**	**-**	**-**	**-**	**102**	**-**	**1**	**-**
American Ref Fuel Co of Hempstead (NY)	-	230	-	-	-	102	-	1	-
American Ref-Fuel Co of Essex	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
American Ref Fuel Co of Essex County (NJ)	-	-	-	-	-	-	-	-	-
American Ref-Fuel Co of SE CT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
American Ref Fuel Co of SE CT (CT)	-	-	-	-	-	-	-	-	-
American Ref-Fuel Co-Niagara	**-**	**-**	**306**	**-**	**-**	**478**	**-**	**-**	**8**
American Ref Fuel Co of Niagara LP (NY)	-	-	306	-	-	478	-	-	8
Amoco Corp	**-**	**-**	**24,315**	**-**	**-**	**-**	**-**	**-**	**457**
Chocolate Bayou Works (TX)	-	-	24,315	-	-	-	-	-	457
Amoco Production Co	**-**	**-**	**21,121**	**-**	**-**	**-**	**-**	**-**	**247**
Anschutz Ranch East (WY)	-	-	21,121	-	-	-	-	-	247
Androscoggin Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Androscoggin Cogen (ME)	-	-	-	-	-	-	-	-	-
Anheuser-Busch Inc	**8,269**	**-**	**7,949**	**-**	**-**	**1,198**	**13**	**-**	**138**
Anheuser Busch Inc Newark Brew (NJ)	-	-	7,651	-	-	642	-	-	126
Anheuser Busch Inc St Louis Brew (MO)	8,269	-	298	-	-	556	13	-	11
ANP Blackstone Energy Co	**-**	**-**	**105,306**	**-**	**-**	**-**	**-**	**-**	**776**
Blackstone (MA)	-	-	105,306	-	-	-	-	-	776
Applied Energy Inc	**-**	**-**	**80,043**	**-**	**-**	**-**	**-**	**-**	**773**
Naval Station Energy (CA)	-	-	17,863	-	-	-	-	-	184
Naval Station Energy Facility (CA)	-	-	34,292	-	-	-	-	-	351
Arabian Exploration Dev Co Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MEP Flora Power LLC (IL)	-	-	-	-	-	-	-	-	-
Archer Daniels Midland Co	**191,431**	**-**	**12,562**	**-**	**-**	**1,103**	**276**	**-**	**345**
Cedar Rapids (IA)	67,915	-	-	-	-	-	95	-	-
Decatur (IL)	106,165	-	-	-	-	1,103	158	-	-
Enderlin (ND)	-	-	-	-	-	-	-	-	-
Lincoln (NE)	4,556	-	-	-	-	-	8	-	-
Peoria (IL)	12,795	-	12,562	-	-	-	15	-	345

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Southport (NC)	-	-	-	-	-	-	-	-	-
ARCO Products Co-Watson	**-**	**-**	**224,916**	**-**	**-**	**-**	**-**	**-**	**2,801**
Watson Cogen (CA)	-	-	224,916	-	-	-	-	-	2,801
ARCO Western Energy	**-**	**-**	**25,419**	**-**	**-**	**-**	**-**	**-**	**273**
Berry Placerita Cogen (CA)	-	-	25,419	-	-	-	-	-	273
Arthur Kill Power LLC	**-**	**-**	**22,327**	**-**	**-**	**-**	**-**	**-**	**274**
Arthur Kill (NY)	-	-	22,327	-	-	-	-	-	274
Astoria Gas Turbines Power LLC	**-**	**574**	**13,974**	**-**	**-**	**-**	**-**	**-**	**192**
Astoria Gas (NY)	-	574	13,974	-	-	-	-	-	192
Athens Regional Medical Center	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Athens Regional Medical Center (GA)	-	-	-	-	-	-	-	-	-
Auburndale Power Partners LP	**-**	**-**	**88,485**	**-**	**-**	**-**	**-**	**-**	**724**
Auburndale Power Partners LP (FL)	-	-	88,485	-	-	-	-	-	724
Baconton Power LLC	**-**	**-**	**587**	**-**	**-**	**-**	**-**	**-**	**6**
Baconton Power (GA)	-	-	555	-	-	-	-	-	5
Sowega Power LLC. (GA)	-	-	32	-	-	-	-	-	*
Badger Creek Ltd	**-**	**-**	**31,173**	**-**	**-**	**-**	**-**	**-**	**289**
Badger Creek Cogen (CA)	-	-	31,173	-	-	-	-	-	289
BAF Energy Inc	**-**	**-**	**90,046**	**-**	**-**	**-**	**-**	**-**	**714**
King City (CA)	-	-	90,046	-	-	-	-	-	714
BASF Corp	**-**	**-**	**94,436**	**-**	**-**	**-**	**-**	**-**	**1,359**
Freeport (TX)	-	-	55,941	-	-	-	-	-	678
Geismar (LA)	-	-	38,495	-	-	-	-	-	681
BASF Fina Petrochemicals Ltd	**-**	**-**	**44,019**	**-**	**-**	**-**	**-**	**-**	**599**
NROC Cogen (TX)	-	-	44,019	-	-	-	-	-	599
Bassett Furniture Industl Inc	**-**	**-**	**-**	**-**	**-**	**59**	**-**	**-**	**-**
J D Bassett Manufacturing Co (VA)	-	-	-	-	-	59	-	-	-
Bayou Cove Peaking Power LLC	**-**	**-**	**3,050**	**-**	**-**	**-**	**-**	**-**	**35**
Bayou Cove Peaking Power (LA)	-	-	3,050	-	-	-	-	-	35
Bayshore Group	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bayswater Peaking Facility (NY)	-	-	-	-	-	-	-	-	-
Bear Mountain Ltd	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bear Mountain Cogen (CA)	-	-		-	-	-	-	-	-
Bethlehem Steel Corp	**-**	**4,512**	**105,230**	**-**	**-**	**-**	**-**	**18**	**15,040**
Burns Harbor (IN)	-	-	69,786	-	-	-	-	-	6,128
Sparrows Point (MD)	-	4,512	35,444	-	-	-	-	18	8,912
Bettles Telephone Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Big Cajun 1 Peakers (LA)	-	-		-	-	-	-	-	-
Big Rivers Electric Corp	**1,503,121**	**33,799**	**2,878**	**-**	**-**	**-**	**350**	**13**	**32**
D B Wilson (KY)	851,669	30,670	-	-	-	-	45	7	-
Henderson 2 (KY)	120,652	-	-	-	-	-	54	-	-
K C Coleman (KY)	214,896	-	2,878	-	-	-	105	-	32
R A Reid (KY)	27,602	2,566	-	-	-	-	14	5	-
R D Green (KY)	288,302	563	-	-	-	-	133	1	-
Big Sandy Peaker Plant LLC	**-**	**-**	**757**	**-**	**-**	**-**	**-**	**-**	**2**
Big Sandy Peaker (WV)	-	-	757	-	-	-	-	-	2
Bio-Energy Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bio Energy Corp (NH)	-	-	-	-	-	-	-	-	-
Bio-Energy Partners	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
CSL Gas Recovery (FL)	-	-	-	-	-	-	-	-	-
Biomass One LP	**-**	**-**	**-**	**-**	**-**	**17,588**	**-**	**-**	**-**
Biomass One LP (OR)	-	-	-	-	-	17,588	-	-	-
Birchwood Power Partners LP	**55,335**	**-**	**-**	**-**	**-**	**-**	**22**	**-**	**-**
Mirant Birchwood (VA)	55,335	-	-	-	-	-	22	-	-
Black Hills Colorado LLC	**-**	**-**	**2,736**	**-**	**-**	**-**	**-**	**-**	**27**
Valmont Combustion Turbine Project (CO)	-	-	2,736	-	-	-	-	-	27
Black Hills Energy Capital Inc	**-**	**-**	**10,426**	**-**	**-**	**-**	**-**	**-**	**120**
BHG Gas Turbine #2 (WY)	-	-	10,426	-	-	-	-	-	120
Black River Ltd Partnership	**19,205**	**7,213**	**-**	**-**	**-**	**-**	**13**	**4**	**-**
Black River Power LLC (NY)	19,205	7,213	-	-	-	-	13	4	-
Blandin Paper Co	**1,552**	**-**	**4,464**	**-**	**-**	**6,037**	**2**	**-**	**162**
Blandin Energy Center (MN)	1,552	-	4,464	-	-	6,037	2	-	162
Blue Ridge Paper Products Inc	**12,561**	**95**	**-**	**-**	**-**	**13,415**	**35**	**1**	**-**
Canton North Carolina (NC)	12,561	95	-	-	-	13,415	35	1	-
Bluegrass Generation Co LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**
Bluegrass Generation Co LLC (KY)	-	-	-	-	-	-	-	-	1
Boise Cascade Corp	**-**	**-**	**16,942**	**-**	**-**	**10,763**	**-**	**-**	**744**
Boise Cascade International (MN)	-	-	6,451	-	-	10,763	-	-	383
Boise Cascade Pulp&Paper Mill J (AL)	-	-	10,491	-	-	-	-	-	361
Boise Cascade Corp-DeRiddle	**-**	**-**	**10,958**	**-**	**-**	**31,073**	**-**	**-**	**401**
DeRidder Mill (LA)	-	-	10,958	-	-	31,073	-	-	401
Boise-Kuna Irrigation District	**-**	**-**	**-**	**1,159**	**-**	**-**	**-**	**-**	**-**
Lucky Peak (ID)	-	-	-	1,159	-	-	-	-	-
Boralex Stratton Energy Inc	**-**	**285**	**-**	**-**	**-**	**28,697**	**-**	*****	**-**
Boralex Stratton Energy Inc (ME)	-	285	-	-	-	28,697	-	*	-
Borden Chemical Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Borden Chemicals Plastics Cogen (LA)	-	-	-	-	-	-	-	-	-
Borger Energy Associates LP	**-**	**-**	**147,678**	**-**	**-**	**-**	**-**	**-**	**1,964**
Black Hawk (TX)	-	-	147,678	-	-	-	-	-	1,964
Bowater Newsprint Calhoun	**12,230**	**-**	**1,026**	**-**	**-**	**27,671**	**14**	**-**	**36**
Bowater Newsprint Calhoun Op (TN)	12,230	-	1,026	-	-	27,671	14	-	36
BP Amoco Alliance Refinery	**-**	**-**	**2,993**	**-**	**-**	**-**	**-**	**-**	**42**
Alliance Refinery (LA)	-	-	2,993	-	-	-	-	-	42
BP Amoco PLC	**-**	**-**	**164,385**	**-**	**-**	**-**	**-**	**-**	**3,086**
Power Station 3 (TX)	-	-	45,763	-	-	-	-	-	1,307
Power Station 4 (TX)	-	-	118,622	-	-	-	-	-	1,779
BP PLC	**-**	**23,693**	**33,609**	**-**	**-**	**-**	**-**	**57**	**1,204**
Whiting Refinery (IN)	-	23,693	33,609	-	-	-	-	57	1,204
Bridgeport Energy LLC	**-**	**-**	**243,700**	**-**	**-**	**-**	**-**	**-**	**1,720**
Bridgeport Energy (CT)	-	-	243,700	-	-	-	-	-	1,720
Bridgewater Power Co LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bridgewater Power Co LP (NH)	-	-	-	-	-	-	-	-	-
Broad River Energy LLC	**-**	**-**	**123**	**-**	**-**	**-**	**-**	**-**	**14**
Broad River Energy Center (SC)	-	-	123	-	-	-	-	-	14
Brooklyn Navy Yard Cogen PLP	**-**	**1,892**	**116,113**	**-**	**-**	**-**	**-**	**4**	**1,134**
Brooklyn Navy Yard Cogen (NY)	-	1,892	116,113	-	-	-	-	4	1,134

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Brownsville Power I LLC	-	-	-	-	-	-	-	-	-
Brownsville Peaking (TN)	-	-	-	-	-	-	-	-	-
Brush Cogeneration Partners	-	-	-	-	-	-	-	-	-
Brush Cogen Project Phase 2 BCP (CO)	-	-		-	-	-	-	-	-
Buckeye Florida Ltd Partners	-	**1,259**	**739**	-	-	**26,564**	-	**11**	**40**
Buckeye Florida LP (FL)	-	1,259	739	-	-	26,564	-	11	40
Bucksport Energy&Internt Paper	-	-	**129,269**	-	-	-	-	-	**1,224**
Champion Clean Energy (ME)	-	-	129,269	-	-	-	-	-	1,224
Burney Forest Products	-	-	**615**	-	-	**14,116**	-	-	**12**
Burney Forest Products (CA)	-	-	615	-	-	14,116	-	-	12
Cadillac Renewable Energy LLC	-	-	-	-	-	**16,353**	-	-	-
Cadillac Renewable Energy (MI)	-	-	-	-	-	16,353	-	-	-
Calasieu Power LLC	-	-	-	-	-	-	-	-	-
Calcasieu (LA)	-	-	-	-	-	-	-	-	-
Calaveras County Water Dist	-	-	-	**14,613**	-	-	-	-	-
Collieville (CA)	-	-	-	14,613	-	-	-	-	-
Caledonia Power I LLC	-	-	-	-	-	-	-	-	-
Caledonia (MS)	-	-	-	-	-	-	-	-	-
CalEnergy Co Inc	-	-	**114,830**	-	-	-	-	-	**1,089**
C R Wing Cogen (TX)	-	-	114,830	-	-	-	-	-	1,089
Callahan Clinton S	-	-	**7,497**	-	-	-	-	-	**73**
Gilroy Energy Center LLC (CA)	-	-	7,497	-	-	-	-	-	73
Callery Properties Inc	-	-	**1,336**	-	-	-	-	-	**13**
Calpine King City Energy Center (CA)	-	-	1,336	-	-	-	-	-	13
CalPeak Power LLC	-	-	**16,571**	-	-	-	-	-	**149**
CalPeak Power Boder (CA)	-	-	3,631	-	-	-	-	-	31
CalPeak Power El Cajon (CA)	-	-	3,489	-	-	-	-	-	30
CalPeak Power Enterprise (CA)	-	-	3,432	-	-	-	-	-	29
CalPeak Power Panoche (CA)	-	-	3,367	-	-	-	-	-	29
CalPeak Power Vaca Dixon (CA)	-	-	2,652	-	-	-	-	-	29
Calpine Construction F Corp LP	-	-	**229**	-	-	-	-	-	**4**
Calpine Solutia Decatur Cogeneration	-	-	229	-	-	-	-	-	4
Calpine Construction Fin Co LP	-	-	**670,778**	-	-	-	-	-	**5,042**
Baytown Energy Center LP (TX)	-	-	299,862	-	-	-	-	-	2,535
Ontelaunee Energy Center (PA)	-	-	11,641	-	-	-	-	-	82
Westbrook Energy Center (ME)	-	-	359,275	-	-	-	-	-	2,425
Calpine Corp	-	-	-	-	-	**46**	-	-	-
Oneta Energy Center (OK)	-	-	-	-	-	-	-	-	-
PWD Northwest (PA)	-	-	-	-	-	46	-	-	-
PWD Southwest (CA)	-	-	-	-	-	-	-	-	-
Calpine Corp & Gentex Pwr Corp	-	-	**286,031**	-	-	-	-	-	**1,984**
Lost Pines I (TX)	-	-	286,031	-	-	-	-	-	1,984
Calpine Corp-Los Medanos	-	-	**297,524**	-	-	-	-	-	**2,059**
Los Medanos Energy Center (CA)	-	-	297,524	-	-	-	-	-	2,059
Calpine Corp-Magic Valley	-	-	**273,380**	-	-	-	-	-	**2,037**
Greenleaf Unit One (CA)	-	-	30,862	-	-	-	-	-	254
Greenleaf Unit Two (CA)	-	-	35,508	-	-	-	-	-	391
Magic Valley (TX)	-	-	207,010	-	-	-	-	-	1,392
Calpine Corp-Sutter	-	-	**254,938**	-	-	-	-	-	**1,833**
Sutter Energy Center (CA)	-	-	254,938	-	-	-	-	-	1,833

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Calpine Corp-Texas City	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Texas City Cogen (TX)	-	-		-	-	-	-	-	-
Calpine Eastern Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Santa Rosa Energy Center (FL)	-	-	-	-	-	-	-	-	-
TBG Cogen (NY)	-	-	-	-	-	-	-	-	-
Calpine Geysers Co LP	**-**	**-**	**-**	**-**	**-**	**31,420**	**-**	**-**	**-**
Bear Canyon (CA)	-	-	-	-	-	11,985	-	-	-
West Ford Flat (CA)	-	-	-	-	-	19,435	-	-	-
Calpine Geysers-Sonoma Power	**-**	**-**	**-**	**-**	**-**	**468,899**	**-**	**-**	**-**
Aidlin Geothermal (CA)	-	-	-	-	-	12,114	-	-	-
Calistoga (CA)	-	-	-	-	-	46,606	-	-	-
Calpine Geysers-Sonoma (CA)	-	-	-	-	-	26,219	-	-	-
Geysers Unit 5-20 (CA)	-	-	-	-	-	383,960	-	-	-
Calpine Gilroy Cogen LP	**-**	**-**	**37,319**	**-**	**-**	**-**	**-**	**-**	**305**
Calpine Gilroy Cogen LP (CA)	-	-	37,319	-	-	-	-	-	305
Calpine Parlin Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Calpine Parlin Inc (NJ)	-	-	-	-	-	-	-	-	-
Calpine Pittsburg LLC	**-**	**-**	**36,124**	**-**	**-**	**-**	**-**	**-**	**546**
Calpine Pittsburg LLC (CA)	-	-	36,124	-	-	-	-	-	546
CalWind Resources Inc	**-**	**-**	**-**	**-**	**-**	**1,504**	**-**	**-**	**-**
Tehachapi Wind Resource II (CA)	-	-	-	-	-	1,504	-	-	-
Cambria Cogen Co	**54,744**	**-**	**-**	**-**	**-**	**-**	**46**	**-**	**-**
Cambria Cogen (PA)	54,744	-	-	-	-	-	46	-	-
Camden Cogen LP	**-**	**9**	**1,354**	**-**	**-**	**-**	**-**	*****	**11**
Camden Cogen LP (NJ)	-	9	1,354	-	-	-	-	*	11
Capital District Energy Center	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Capital District Energy Center Cogen Assoc	-	-		-	-	-	-	-	-
Cardinal Cogen	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Cardinal Cogen (CA)	-	-		-	-	-	-	-	-
Cargill Fertilizer Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Cargill Fertilizer Inc (FL)	-	-	-	-	-	-	-	-	-
Cargill Fertilizer Inc Bartow (FL)	-	-	-	-	-	-	-	-	-
Carr Street Generating Stat LP	**-**	**-**	**2,621**	**-**	**-**	**-**	**-**	**-**	**23**
Carr Street (NY)	-	-	2,621	-	-	-	-	-	23
Carson Cogeneration Co	**-**	**-**	**30,879**	**-**	**-**	**-**	**-**	**-**	**272**
Carson Cogen Co (CA)	-	-	30,879	-	-	-	-	-	272
Carthage Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Carthage Energy LLC (NY)	-	-	-	-	-	-	-	-	-
Casco Bay Energy Co LLC	**-**	**-**	**325,635**	**-**	**-**	**-**	**-**	**-**	**2,036**
Maine Independence (ME)	-	-	325,635	-	-	-	-	-	2,036
CE Puna Ltd Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Puna Geothermal Venture I (HI)	-	-	-	-	-		-	-	-
Cedar Bay Cogeneration Co LP	**122,068**	**1,128**	**-**	**-**	**-**	**-**	**69**	**3**	**-**
Cedar Bay Gen Co LP (FL)	122,068	1,128	-	-	-	-	69	3	-
Celanese Engineering Resin Inc	**-**	**-**	**22,532**	**-**	**-**	**-**	**-**	**-**	**286**
Celanese Engineering Resin Inc (TX)	-	-	22,532	-	-	-	-	-	286
Central & South West Engy Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Newgulf Cogen (TX)	-	-	-	-	-	-	-	-	-
Central Louisiana Electric Co	**-**	**-**	**1,667**	**-**	**-**	**-**	**-**	**-**	**32**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Acadia Power Station (LA)	-	-	1,667	-	-	-	-	-	32
Central Power & Lime Inc	**88,216**	**-**	**-**	**-**	**-**	**-**	**38**	**-**	**-**
Central Power&Lime Inc (FL)	88,216	-	-	-	-	-	38	-	-
Central Wayne Energy Recvy LP	**-**	**-**	**184**	**-**	**-**	**-**	**-**	**-**	**8**
Central Wayne Air Quality Energy Recovery	-	-	184	-	-	-	-	-	8
CF Industries Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
CFI Plant City Phosphate Complex (FL)	-	-	-	-	-	-	-	-	-
Chalk Cliff Ltd	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Chalk Cliff Cogen (CA)	-	-		-	-	-	-	-	-
Chambers Cogeneration LP	**157,634**	**-**	**-**	**-**	**-**	**-**	**71**	**-**	**-**
Chambers Cogen LP (NJ)	157,634	-	-	-	-	-	71	-	-
Champion International Corp	**-**	**23,079**	**150,651**	**-**	**-**	**63,013**	**-**	**15**	**1,626**
Bucksport Mill (ME)	-	23,073	129,269	-	-	25,323	-	14	1,224
Courtland Mill (AL)	-	6	21,083	-	-	18,504	-	*	389
Pensacola Mill (FL)	-	-	-	-	-	-	-	-	-
Quinnesec Mill (MI)	-	-	299	-	-	19,186	-	-	13
Roanoke Rapids Mill (NC)	-	-	-	-	-	-	-	-	-
Sartell Mill (MN)	-	-	-	-	-	-	-	-	-
Channel Energy Center LLC	**-**	**-**	**269,288**	**-**	**-**	**-**	**-**	**-**	**2,519**
Channel Energy Center (TX)	-	-	269,288	-	-	-	-	-	2,519
Cherokee County Cogen PLP	**-**	**-**	**2,138**	**-**	**-**	**-**	**-**	**-**	**17**
Cherokee County Cogen Ptr (SC)	-	-	2,138	-	-	-	-	-	17
Chevron Refinery	**-**	**2,791**	**3,427**	**-**	**-**	**-**	**-**	**13**	**58**
Chevron Products Co (HI)	-	2,791	3,427	-	-	-	-	13	58
Chevron USA Inc	**-**	**-**	**79,566**	**-**	**-**	**-**	**-**	**-**	**1,413**
1 Power Plant Richmond CA (CA)	-	-	9,716	-	-	-	-	-	457
Richmond Cogen (CA)	-	-	69,850	-	-	-	-	-	956
Chevron USA Inc-El Segundo	**-**	**-**	**86,820**	**-**	**-**	**-**	**-**	**-**	**946**
El Segundo Refinery (CA)	-	-	86,820	-	-	-	-	-	946
Chevron USA Inc-Kern	**-**	**-**	**30,054**	**-**	**-**	**-**	**-**	**-**	**321**
Kern River Eastridge (CA)	-	-	30,054	-	-	-	-	-	321
CHI Energy Inc-Theresa	**-**	**-**	**-**	**636**	**-**	**-**	**-**	**-**	**-**
Diamond Island Plant (NY)	-	-	-	636	-	-	-	-	-
CII Carbon LLC	**-**	**7,272**	**1,468**	**-**	**-**	**-**	**-**	**5**	**26**
CII Carbon LLC (LA)	-	7,272	1,468	-	-	-	-	5	26
CITGO Petroleum Corp	**-**	**-**	**25,019**	**-**	**-**	**-**	**-**	**-**	**1,135**
CITGO Refinery Powerhouse (LA)	-	-	25,019	-	-	-	-	-	1,135
Citrus World Inc	**-**	**-**	**5,557**	**-**	**-**	**-**	**-**	**-**	**69**
Florida's Natural Growers (FL)	-	-	5,557	-	-	-	-	-	69
Clear Lake Cogeneration LP	**-**	**-**	**145,811**	**-**	**-**	**-**	**-**	**-**	**1,639**
Clear Lake Cogen Ltd (TX)	-	-	145,811	-	-	-	-	-	1,639
CLECO Evangeline LLC	**-**	**-**	**202,021**	**-**	**-**	**-**	**-**	**-**	**1,493**
Evangeline (LA)	-	-	202,021	-	-	-	-	-	1,493
Cleveland Cliffs Inc	**47,439**	**2**	**1,337**	**-**	**-**	**-**	**35**	*****	**17**
Silver Bay Power Co (MN)	47,439	2	1,337	-	-	-	35	*	17
CMS Generation Co	**-**	**2,110**	**12,074**	**-**	**-**	**-**	**-**	*****	**115**
Lakewood Cogen (NJ)	-	2,110	12,074	-	-	-	-	*	115
CMS Generation MI Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Kalamazoo River (MI)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Livingston (MI)	-	-	-	-	-	-	-	-	-
Coastal Refining&Marketing Inc	**-**	**-**	**26,510**	**-**	**-**	**-**	**-**	**-**	**443**
Corpus Christi Refinery (TX)	-	-	26,510	-	-	-	-	-	443
Cobisa-Person Ltd Partnership	**-**	**-**	**1,466**	**-**	**-**	**-**	**-**	**-**	**14**
Cobisa Person LP (NM)	-	-	1,466	-	-	-	-	-	14
Co-Energy Corp of America	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Indeck Rockford Energy Center (IL)	-	-	-	-	-	-	-	-	-
Cogen Energy Technology LP	**-**	**-**	**30,277**	**-**	**-**	**-**	**-**	**-**	**270**
Fort Orange TransCana (NY)	-	-	30,277	-	-	-	-	-	270
CoGen Funding LP	**-**	**-**	**259,918**	**-**	**-**	**-**	**-**	**-**	**2,886**
CoGen Lyondell Inc (TX)	-	-	259,918	-	-	-	-	-	2,886
Co-Gen II	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Co Gen II LLC (OR)	-	-	-	-	-		-	-	-
Cogen Technologies Linden Vent	**-**	**135**	**437,257**	**-**	**-**	**-**	**-**	*****	**4,290**
Linden Cogen (NJ)	-	135	437,257	-	-	-	-	*	4,290
Cogen Technologies NJ Venture	**-**	**-**	**125,591**	**-**	**-**	**-**	**-**	**-**	**1,060**
Bayonne (NJ)	-	-	125,591	-	-	-	-	-	1,060
CogenAmerica Morris LLC	**-**	**-**	**38,799**	**-**	**-**	**-**	**-**	**-**	**503**
CogenAmerica Morris LLC (IL)	-	-	38,799	-	-	-	-	-	503
Co-Generation Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Co Gen LLC (OR)	-	-	-	-	-	-	-	-	-
Cogentrix Energy Inc	**-**	**-**	**96,223**	**-**	**-**	**-**	**-**	**-**	**546**
Green Country Energy LLC (NC)	-	-	47,471	-	-	-	-	-	326
Ouachita Power LLC (LA)	-	-	48,752	-	-	-	-	-	221
Cogentrix of N Carolina Inc	**232,739**	**-**	**-**	**-**	**-**	**-**	**140**	**-**	**-**
Cogentrix Hopewell (VA)	38,980	-	-	-	-	-	26	-	-
Cogentrix of Richmond Inc (VA)	105,030	-	-	-	-	-	60	-	-
Cogentrix Portsmouth (VA)	9,520	-	-	-	-	-	10	-	-
Cogentrix Roxboro (NC)	842	-	-	-	-	-	2	-	-
Cogentrix Southport (NC)	1,807	-	-	-	-	-	7	-	-
Dwayne Collier Battle Cogen (NC)	76,560	-	-	-	-	-	35	-	-
Cokenergy Inc	**-**	**-**	**24,977**	**-**	**-**	**-**	**-**	**-**	**1,564**
Heat Recovery Coke (IN)	-	-	24,977	-	-	-	-	-	1,564
Collins Pine Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Collins Pine (CA)	-	-	-	-	-		-	-	-
Colmac Energy Inc	**-**	**2,707**	**109**	**-**	**-**	**27,751**	**-**	**1**	**1**
Mecca (CA)	-	2,707	109	-	-	27,751	-	1	1
Colorado Energy Management LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Brush IV (CO)	-	-		-	-	-	-	-	-
Colorado Power Partners	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Brush Power Project Phase 1 CPP (CO)	-	-		-	-	-	-	-	-
Colstrip Energy Ltd Partnershp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Colstrip Energy LP (MT)	-	-	-	-	-	-	-	-	-
Commonwealth Atlantic LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	*****	*****
Commonwealth Atlantic LP (VA)	-	-	-	-	-	-	-	*	*
Commonwealth Chesapeake Co LLC	**-**	**2,324**	**-**	**-**	**-**	**-**	**-**	**5**	**-**
Commonwealth Chesapeake Power Station	-	2,324	-	-	-	-	-	5	-
Conectiv Atlantic Generatn Inc	**-**	**250**	**7,582**	**-**	**-**	**-**	**-**	**1**	**106**
Carl Corner (NJ)	-	-	2,007	-	-	-	-	-	32

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Cedar (NJ)	-	34	-	-	-	-	-	*	-
Cumberland (NJ)	-	-	-55	-	-	-	-	-	*
Mickleton (NJ)	-	-	2,485	-	-	-	-	-	37
Middle (NJ)	-	162	-	-	-	-	-	1	-
Missouri Av. (NJ)	-	54	-	-	-	-	-	*	-
Sherman Ave (NJ)	-	-	3,145	-	-	-	-	-	37
Conectiv Energy Supply Inc	**106,152**	**1,967**	**24,095**	**-**	**-**	**-**	**47**	**6**	**244**
Bayview (VA)	-	87	-	-	-	-	-	*	-
Christiana (DE)	-	-8	-	-	-	-	-	-	-
Crisfield (MD)	-	133	-	-	-	-	-	*	-
Delaware City 10 (DE)	-	-6	-	-	-	-	-	*	-
Edgemoor (DE)	106,152	1,685	4,250	-	-	-	47	5	20
Hay Road (DE)	-	25	19,845	-	-	-	-	*	225
Tasley (VA)	-	40	-	-	-	-	-	*	-
West Station (DE)	-	11	-	-	-	-	-	*	-
Connecticut Resource Recv Auth	**233**	**-**	**-**	**-**	**-**	**-**	*	**-**	**-**
Mid Connecticut (CT)	233	-	-	-	-	-	*	-	-
Conoco Inc & BP Amoco	**-**	**-**	**4,618**	**-**	**-**	**-**	**-**	**-**	**275**
Ponca City Refinery (OK)	-	-	4,618	-	-	-	-	-	275
Consolidated Edison E MA Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Doreen (MA)	-		-	-	-	-	-	-	-
Dwight (MA)	-	-	-		-	-	-	-	-
Gardners Falls (MS)	-	-	-		-	-	-	-	-
Indian Orchard (MA)	-	-	-		-	-	-	-	-
Putts Bridge (MA)	-	-	-		-	-	-	-	-
Redbridge (MA)	-	-	-		-	-	-	-	-
West Springfield (MA)	-	-	-	-	-	-	-	-	-
Woodland Road (MA)	-		-	-	-	-	-	-	-
Consolidated Papers Inc	**38,127**	**-**	**8,848**	**6,483**	**-**	**26,122**	**49**	**-**	**286**
Biron Mill (WI)	19,498	-	112	-	-	1,826	19	-	2
Kimberly Mill (WI)	5,245	-	5,866	506	-	-	7	-	192
Niagara Mill (WI)	4,480	-	-	5,977	-	736	7	-	-
WisRapids Pulp Mill (WI)	8,904	-	2,870	-	-	23,560	16	-	91
Constellation Power Source Gen	**852,412**	**65,786**	**3,956**	**-**	**1,967,932**	**-**	**361**	**116**	**41**
Brandon Shores (MD)	553,835	5,085	-	-	-	-	239	9	-
C P Crane (MD)	80,306	615	462	-	-	-	32	1	5
Calvert Cliffs (MD)	-	-	-	-	1,079,479	-	-	-	-
Gould Street (MD)	-	6,849	125	-	-	-	-	13	1
H A Wagner (MD)	218,271	44,083	3,117	-	-	-	90	71	31
Nine Mile P (NY)	-	-	-	-	888,453	-	-	-	-
Notch Cliff (MD)	-	-	252	-	-	-	-	-	4
Perryman (MD)	-	8,260	-	-	-	-	-	19	-
Philadelphia (MD)	-	606	-	-	-	-	-	2	-
Riverside (MD)	-	288	-	-	-	-	-	1	-
Westport (MD)	-	-	-	-	-	-	-	-	-
Continental Energy Associates	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Hazelton (PA)	-	-	-	-	-	-	-	-	-
Worthington (IN)	-	-	-	-	-	-	-	-	-
Cordova Energy Co Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Cordova Energy Center (IL)	-	-	-	-	-	-	-	-	-
Corn Products Internat'l Inc	**18,620**	**-**	**11,550**	**-**	**-**	**-**	**24**	**-**	**334**
Corn Products Illinois (IL)	18,620	-	11,550	-	-	-	24	-	334
Corona Energy Partners Ltd	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Corona Cogen (CA)	-	-		-	-	-	-	-	-
Corpus Christi Cogeneration LP	**-**	**-**	**106,357**	**-**	**-**	**-**	**-**	**-**	**834**
Corpus Christi Energy Center (TX)	-	-	106,357	-	-	-	-	-	834
Coso Energy Developers	**-**	**-**	**-**	**-**	**-**	**125,842**	**-**	**-**	**-**
Coso Energy Developers (CA)	-	-	-	-	-	60,365	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Coso Power Developers (CA)	-	-	-	-	-	65,477	-	-	-
Coso Finance Partners	**-**	**-**	**-**	**-**	**-**	**65,958**	**-**	**-**	**-**
Coso Finance Partners (CA)	-	-	-	-	-	65,958	-	-	-
County Sanitation-Orange Cnty	**-**	**-**	**2,302**	**-**	**-**	**6,890**	**-**	**-**	**22**
Plant No 1 (CA)	-	-	1,897	-	-	1,434	-	-	21
Plant No 2 (CA)	-	-	405	-	-	5,456	-	-	2
CPN South Point LLC	**-**	**-**	**287,000**	**-**	**-**	**-**	**-**	**-**	**2,041**
South Point Energy Center (AZ)	-	-	287,000	-	-	-	-	-	2,041
Craven County Wood Energy LP	**-**	**-**	**-**	**-**	**-**	**29,675**	**-**	**-**	**-**
Craven County Wood Energy LP (NC)	-	-	-	-	-	29,675	-	-	-
Crockett Cogeneration	**-**	**-**	**148,607**	**-**	**-**	**-**	**-**	**-**	**1,281**
Crockett Cogeneration Project (CA)	-	-	148,607	-	-	-	-	-	1,281
Crown Paper Co	**-**	**-**	**-**	**11,926**	**-**	**-**	**-**	**-**	**-**
Berlin Gorham (NH)	-	-	-	11,926	-	-	-	-	-
CT Jet Power LLC	**-**	**49**	**-**	**-**	**-**	**-**	**-**	*****	**-**
Cos Cob (CT)	-	49	-	-	-	-	-	*	-
Daggett Leasing Corp et al	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SEGS II (CA)	-	-	-	-	-	-	-	-	-
Dartmouth Power Associates LP	**-**	**-**	**48,094**	**-**	**-**	**-**	**-**	**-**	**395**
Dartmouth Power Assoc (MA)	-	-	48,094	-	-	-	-	-	395
Davenport City of	**-**	**-**	**35**	**-**	**-**	**423**	**-**	**-**	*****
Davenport Water Pollution Control Plant	-	-	35	-	-	423	-	-	*
Davis CSWM & Energy RSSD	**-**	**4**	**-**	**-**	**-**	**-**	**-**	*****	**-**
Wasatch Energy Systems (UT)	-	4	-	-	-	-	-	*	-
De Pere Energy LLC	**-**	**-**	**22,697**	**-**	**-**	**-**	**-**	**-**	**262**
De Pere Energy Center (WI)	-	-	22,697	-	-	-	-	-	262
Deanborn Industrial Gen Inc	**-**	**-**	**15,655**	**-**	**-**	**-**	**-**	**-**	**134**
Dearborn Industrial (MI)	-	-	15,655	-	-	-	-	-	134
Del Ranch Ltd Partnership	**-**	**-**	**-**	**-**	**-**	**29,883**	**-**	**-**	**-**
A W Hoch (CA)	-	-	-	-	-	29,883	-	-	-
Delano Energy Co Inc	**-**	**-**	**-**	**-**	**-**	**32,265**	**-**	**-**	**-**
Delano Energy Co Inc (CA)	-	-	-	-	-	32,265	-	-	-
Delmarva Operating Inc	**-**	**-**	**532,923**	**-**	**-**	**-**	**-**	**-**	**3,811**
Delta Energy Center (CA)	-	-	532,923	-	-	-	-	-	3,811
Denver City Energy Assoc LP	**-**	**-**	**263,873**	**-**	**-**	**-**	**-**	**-**	**1,919**
Mustang (TX)	-	-	263,873	-	-	-	-	-	1,919
Des Moines Metro WRF	**-**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	*****
Des Moines Metro WRA Wastewater	-	-	1	-	-	-	-	-	*
Devon Power LLC	**-**	**2,481**	**7,701**	**-**	**-**	**-**	**-**	**5**	**92**
NRG Devon (CT)	-	2,481	7,701	-	-	-	-	5	92
Dexter Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Dexter Cogeneration Facility (CT)	-	-	-	-	-	-	-	-	-
DFO Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
H Power (HI)	-	-	-	-	-	-	-	-	-
Difwind Farms Ltd V	**-**	**-**	**-**	**-**	**-**	**686**	**-**	**-**	**-**
Difwind Farms Ltd V (CA)	-	-	-	-	-	686	-	-	-
Difwind Farms Ltd VI	**-**	**-**	**-**	**-**	**-**	**2,107**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Difwind Farms Ltd VI (CA)	-	-	-	-	-	2,107	-	-	-
Difwind Farms Ltd VII	**-**	**-**	**-**	**-**	**-**	**1,005**	**-**	**-**	**-**
Difwind Farms Ltd VII (CA)	-	-	-	-	-	1,005	-	-	-
Difwind Farms Ltd VIII	**-**	**-**	**-**	**-**	**-**	**1,321**	**-**	**-**	**-**
Difwind Farms Ltd VIII (CA)	-	-	-	-	-	1,321	-	-	-
Dighton Power Associates LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Dighton Power Assoc (MA)	-	-	-	-	-	-	-	-	-
Dominion Energy	**-**	**-**	**1,820**	**-**	**-**	**-**	**-**	**-**	**23**
Elwood Energy LLC (IL)	-	-	1,820	-	-	-	-	-	23
Dominion Kincaid Inc	**190,892**	**-**	**1,267**	**-**	**-**	**-**	**114**	**-**	**13**
Kincaid Generation LLC (IL)	190,892	-	1,267	-	-	-	114	-	13
Dominion Nuclear Conn Inc	**-**	**-**	**-**	**-**	**1,453,640**	**-**	**-**	**-**	**-**
Millstone (CT)	-	-	-	-	1,453,640	-	-	-	-
Dominion Resources Inc	**-**	**-**	**878**	**-**	**-**	**-**	**-**	**-**	**12**
Armstrong Energy LLC (PA)	-	-	-	-	-	-	-	-	4
Troy Energy LLC (OH)	-	-	878	-	-	-	-	-	8
Domino Sugar Corp	**-**	**-**	**6,687**	**-**	**-**	**-**	**-**	**-**	**156**
Domino Sugar Corp - Baltimore Plant (MD)	-	-	6,687	-	-	-	-	-	156
Domtar Corp	**24,727**	**4,000**	**4,988**	**12,816**	**-**	**80,374**	**26**	**45**	**259**
Ashdown (AR)	14,428	-	4,598	-	-	56,618	17	-	249
Nekoosa Mill (WI)	10,299	-	382	2,433	-	5,110	10	-	9
Port Edwards Mill (WI)	-	1,946	8	1,868	-	3,128	-	31	1
Woodland Pulp Paper (ME)	-	2,054	-	8,515	-	15,518	-	14	-
Donohue Inc	**-**	**-**	**8,241**	**-**	**-**	**7,917**	**-**	**-**	**289**
Lufkin Texas (TX)	-	-	8,241	-	-	7,917	-	-	289
Donohue Industries Inc	**-**	**-**	**10,849**	**-**	**-**	**9,311**	**-**	**-**	**294**
Sheldon Texas (TX)	-	-	10,849	-	-	9,311	-	-	294
Doswell Ltd Partnership	**-**	**301**	**33,548**	**-**	**-**	**-**	**-**	**2**	**265**
Doswell Combined Cycle (VA)	-	301	33,548	-	-	-	-	2	265
Double 'C' Ltd	**-**	**-**	**24,006**	**-**	**-**	**-**	**-**	**-**	**250**
Double C (CA)	-	-	24,006	-	-	-	-	-	250
Dow Chemical Co	**-**	**-**	**671,546**	**-**	**-**	**-**	**-**	**-**	**9,176**
CA II (Chlor Alkali II) (LA)	-	-		-	-	-	-	-	-
Power and Utilities (LA)	-	-	239,199	-	-	-	-	-	4,560
The Dow Chemical Co Texas Op (TX)	-	-	432,347	-	-	-	-	-	4,616
DPL Energy Inc(Tait)	**-**	**-**	**1,273**	**-**	**-**	**-**	**-**	**-**	**19**
Darby (OH)	-	-	-	-	-	-	-	-	*
Greenville (OH)	-	-	1,035	-	-	-	-	-	11
Montpelier (OH)	-	-	238	-	-	-	-	-	3
Tait Electric Generating Station (OH)	-	-	-	-	-	-	-	-	5
Duke Energy Enterprise LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Enterprise Energy Facility (MS)	-	-	-	-	-	-	-	-	-
Duke Energy Hinds LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Attala Generating Co LLC (MS)	-	-	-	-	-	-	-	-	-
Duke Energy Hinds (MS)	-	-	-	-	-	-	-	-	-
Duke Energy Hot Spring LLC	**-**	**-**	**15,995**	**-**	**-**	**-**	**-**	**-**	**131**
Duke Energy Hot Spring LLC Facility (AR)	-	-	15,995	-	-	-	-	-	131
Duke Energy Lee County LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Lee Energy (IL)	-	-	-	-	-	-	-	-	-
Duke Energy Marshall Cnty LLC	**-**	**7,011**	**2,123**	**-**	**-**	**-**	**-**	**17**	**29**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Marshall County Generating Station (KY)	-	7,011	2,123	-	-	-	-	17	29
Duke Energy McClain LLC	**-**	**-**	**28,891**	**-**	**-**	**-**	**-**	**-**	**194**
McCLAIN ENERGY (OK)	-	-	28,891	-	-	-	-	-	194
Duke Energy Morro Bay LLC	**-**	**-**	**67,480**	**-**	**-**	**-**	**-**	**-**	**666**
Duke Energy Morro Bay LLC (CA)	-	-	67,480	-	-	-	-	-	666
Duke Energy Moss Landing LLC	**-**	**-**	**743,994**	**-**	**-**	**-**	**-**	**-**	**5,645**
Duke Energy Moss Landing LLC (CA)	-	-	743,994	-	-	-	-	-	5,645
Duke Energy North America LLC	**-**	**-**	**1,332**	**-**	**-**	**-**	**-**	**-**	**11**
Duke Energy Murray LLC (GA)	-	-	1,332	-	-	-	-	-	11
Duke Energy Sandersville LLC (GA)	-	-	-	-	-	-	-	-	-
Duke Energy Oakland LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Duke Energy Oakland LLC (CA)	-	-	-	-	-	-	-	-	-
Duke Energy South Bay LLC	**-**	**16**	**73,996**	**-**	**-**	**-**	**-**	*****	**786**
Duke Energy South Bay LLC (CA)	-	16	73,996	-	-	-	-	*	786
Duke Energy Washington LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**15**
Washington Energy Facility (OH)	-	-	-	-	-	-	-	-	15
Duncan Walter Et Al	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Duke Energy Southaven LLC (MS)	-	-	-	-	-	-	-	-	-
DuPage County	**-**	**23**	**196**	**-**	**-**	**30**	**-**	*****	**1**
DuPage County Region 9 West Wastewater	-	23	196	-	-	30	-	*	1
Dynegy Inc	**140,529**	**160,364**	**185,825**	**-**	**-**	**-**	**53**	**263**	**2,120**
Danskammer (NY)	140,529	1,755	1,030	-	-	-	53	3	9
Division (CA)	-	321	-	-	-	-	-	1	-
El Cajon (CA)	-	-	247	-	-	-	-	-	4
Encina (CA)	-	228	179,201	-	-	-	-	-	2,035
Kearny (CA)	-	-	2,095	-	-	-	-	-	35
Miramar (CA)	-	-	566	-	-	-	-	-	10
Naval Station (CA)	-	-	-	-	-	-	-	-	-
Naval Training Center (CA)	-	-	-	-	-	-	-	-	-
North Island (CA)	-	-	-	-	-	-	-	-	-
Roseton (NY)	-	158,060	2,686	-	-	-	-	259	27
Dynegy Midwest Generation	**1,740,507**	**1,094**	**4,132**	**-**	**-**	**6,860**	**1,000**	**2**	**52**
Baldwin (IL)	1,168,562	390	-	-	-	6,860	681	1	-
Havana (IL)	96,188	704	416	-	-	-	43	1	5
Hennepin (IL)	172,461	-	103	-	-	-	101	-	1
Oglesby (IL)	-	-	44	-	-	-	-	-	1
Stallings (IL)	-	-	-	-	-	-	-	-	-
Tilton (IL)	-	-	3,119	-	-	-	-	-	39
Vermilion (IL)	88,868	-	220	-	-	-	46	-	3
Wood River (IL)	214,428	-	230	-	-	-	129	-	3
E I DuPont De Nemours & Co	**2,935**	**360**	**107,403**	**-**	**-**	**-**	**3**	**2**	**1,277**
Sabine River Works (TX)	-	-	58,390	-	-	-	-	-	702
Victoria Texas Plant (TX)	-	-	48,998	-	-	-	-	-	575
Waynesboro Virginia Plant (VA)	2,935	360	15	-	-	-	3	2	*
Eagle Point Cogen Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Eagle Point Cogen (NJ)	-	-	-	-	-	-	-	-	-
Eastern Conn Res Recvy Auth	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Riley Energy Sys of Lisbon Wheelabrator	-	-	-	-	-	-	-	-	-
Eastex CoGeneration LP	**-**	**-**	**212,612**	**-**	**-**	**-**	**-**	**-**	**2,211**
Eastex Cogeneration Facility (TX)	-	-	212,612	-	-	-	-	-	2,211
Eastman Kodak Co	**51,159**	**1,723**	**3,578**	**-**	**-**	**-**	**48**	**7**	**86**
Kodak Park (NY)	51,159	1,723	3,578	-	-	-	48	7	86
Ebensburg Power Co	**33,221**	**-**	**-**	**-**	**-**	**-**	**38**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Ebensburg Power Co (PA)	33,221	-	-	-	-	-	38	-	-
Edgan Wray Love Trust	**-**	**-**	**-**	**-**	**-**	**5,748**	**-**	**-**	**-**
Lakota Ridge (MN)	-	-	-	-	-	2,592	-	-	-
Shaokatan Hills (MN)	-	-	-	-	-	3,156	-	-	-
EF Oxnard Inc	**-**	**-**	**12,665**	**-**	**-**	**-**	**-**	**-**	**112**
E F Oxnard Oxnard Energy (CA)	-	-	12,665	-	-	-	-	-	112
El Dorado Energy LLC	**-**	**-**	**351,613**	**-**	**-**	**-**	**-**	**-**	**2,453**
El Dorado Energy (NV)	-	-	351,613	-	-	-	-	-	2,453
El Paso Merchant Energy Co	**-**	**-**	**155,440**	**-**	**-**	**-**	**-**	**-**	**1,111**
Bastrop Energy Center (TX)	-	-	155,440	-	-	-	-	-	1,111
El Segundo Power LLC	**-**	**-**	**132,060**	**-**	**-**	**-**	**-**	**-**	**1,299**
El Segundo (CA)	-	-	132,060	-	-	-	-	-	1,299
Elkem Metals Co	**9,470**	**-**	**-**	**58,442**	**-**	**-**	**5**	**-**	**-**
Alloy Steam (WV)	9,470	-	-	-	-	-	5	-	-
Hawks Nest Hydro (WV)	-	-	-	58,442	-	-	-	-	-
Elmore Ltd Partnership	**-**	**-**	**-**	**-**	**-**	**29,996**	**-**	**-**	**-**
J J Elmore (CA)	-	-	-	-	-	29,996	-	-	-
EME Homer City Generation LP	**1,214,458**	**-**	**-**	**-**	**-**	**-**	**482**	**-**	**-**
Homer City (PA)	1,214,458	-	-	-	-	-	482	-	-
Empire Energy LLC	**-**	**-**	**-**	**-**	**-**	**2,283**	**-**	**-**	**-**
Empire (NV)	-	-	-	-	-	2,283	-	-	-
Encina Joint Powers Authority	**-**	**-**	**275**	**-**	**-**	**247**	**-**	**-**	**4**
Encina Water Pollution Control (CA)	-	-	275	-	-	247	-	-	4
Ennis-Tractebel Co Inc	**-**	**-**	**121,217**	**-**	**-**	**-**	**-**	**-**	**850**
Ennis Tractebel Power Co LP (TX)	-	-	121,217	-	-	-	-	-	850
Enron Wind	**-**	**-**	**-**	**-**	**-**	**1,726**	**-**	**-**	**-**
Green Power I (CA)	-	-	-	-	-	1,726	-	-	-
Entergy Nuclear Oper-Fitz	**-**	**-**	**-**	**-**	**559,592**	**-**	**-**	**-**	**-**
Fitzpatrick (NY)	-	-	-	-	559,592	-	-	-	-
Entergy Nuclear Oper-Indian	**-**	**-**	**-**	**-**	**563,104**	**-**	**-**	**-**	**-**
Indian Point 3 (NY)	-	-	-	-	550,904	-	-	-	-
Indian PT (NY)	-	-	-	-	12,200	-	-	-	-
Entergy Nuclear Vermont Yankee	**-**	**-**	**-**	**-**	**380,204**	**-**	**-**	**-**	**-**
Vermont Yankee (VT)	-	-	-	-	380,204	-	-	-	-
Equilon Enterprises LLC	**-**	**-**	**42,387**	**-**	**-**	**-**	**-**	**-**	**434**
Equilon Los Angeles Refining (CA)	-	-	42,387	-	-	-	-	-	434
Equistar Chemicals LP	**-**	**-**	**26,494**	**-**	**-**	**-**	**-**	**-**	**353**
Corpus Christi Plant (TX)	-	-	26,494	-	-	-	-	-	353
Erie Coke Corp	**145**	**-**	**511**	**-**	**-**	**-**	*	**-**	**92**
Erie Coke Corp (PA)	145	-	511	-	-	-	*	-	92
ESI Mojave LLC	**-**	**-**	**-**	**-**	**-**	**11,265**	**-**	**-**	**-**
Delaware Mountain Windfarm (TX)	-	-	-	-	-	4,799	-	-	-
Mojave 16 (CA)	-	-	-	-	-	2,055	-	-	-
Mojave 17 (CA)	-	-	-	-	-	1,430	-	-	-
Mojave 18 (CA)	-	-	-	-	-	2,981	-	-	-
ESI Vansycle Partners LP	**-**	**-**	**-**	**-**	**-**	**5,291**	**-**	**-**	**-**
Vansycle Ridge (OR)	-	-	-	-	-	5,291	-	-	-
EUI Management PH Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
EUIPH Wind Farm (CA)	-	-	-	-	-		-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Exelon Generation Co LLC	**95,294**	**1,207**	**103,550**	**131,995**	**10,185,255**	**-**	**49**	**37**	**1,408**
Braidwood (IL)	-	-	-	-	1,736,584	-	-	-	-
Byron (IL)	-	-	-	-	1,700,911	-	-	-	-
Chester (PA)	-	-	-	-	-	-	-	5	-
Conowingo (MD)	-	-	-	174,759	-	-	-	-	-
Cromby (PA)	-	5,473	598	-	-	-	-	16	11
Croydon (PA)	-	-247	-	-	-	-	-	*	-
Delaware (PA)	-	-683	-	-	-	-	-	3	-
Dresden (IL)	-	-	-	-	1,223,682	-	-	-	-
Eddystone (PA)	95,294	-2,910	4,986	-	-	-	49	12	63
Exelon LaPorte (TX)	-	-	-284	-	-	-	-	-	-
Fairless (PA)	-	-	-	-	-	-	-	-	*
Falls (PA)	-	-	-	-	-	-	-	-	-
Handley (TX)	-	-	98,951	-	-	-	-	-	1,334
LaSalle Cty (IL)	-	-	-	-	1,465,012	-	-	-	-
Limerick (PA)	-	-	-	-	1,691,178	-	-	-	-
Moser (PA)	-	55	-	-	-	-	-	*	-
Mountain Creek (TX)	-	-	-792	-	-	-	-	-	-
Muddy Run (PA)	-	-	-	-42,764	-	-	-	-	-
Peachbottom (PA)	-	-	-	-	1,623,340	-	-	-	-
Quad Cities (IL)	-	-	-	-	744,548	-	-	-	-
Richmond (PA)	-	-165	-	-	-	-	-	*	-
Schuylkill (PA)	-	-316	-	-	-	-	-	1	-
Southeast Chicago Energy Project (IL)	-	-	91	-	-	-	-	-	1
Southwark (PA)	-	-	-	-	-	-	-	-	-
Exeter Energy LP	**-**	**32**	**-**	**-**	**-**	**16,348**	**-**	*	**-**
Exeter Energy Project (CT)	-	32	-	-	-	16,348	-	*	-
Exxon Chemical Co	**-**	**-**	**256,427**	**-**	**-**	**-**	**-**	**-**	**3,195**
Baton Rouge Cogen (TX)	-	-	246,870	-	-	-	-	-	3,053
Baton Rouge Turbine Generator (LA)	-	-	9,557	-	-	-	-	-	142
Exxon Co USA	**-**	**-**	**312,063**	**-**	**-**	**-**	**-**	**-**	**3,663**
Baytown Turbine (TX)	-	-	156,520	-	-	-	-	-	1,760
Exxon Mobil Co USA Baytown PP3 PP4	-	-	125,316	-	-	-	-	-	1,580
Santa Ynez (CA)	-	-	30,227	-	-	-	-	-	324
Fairhaven Power Co	**-**	**-**	**183**	**-**	**-**	**9,996**	**-**	**-**	**4**
Fairhaven (CA)	-	-	183	-	-	9,996	-	-	4
Farmland Hydro Ltd Partner	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Farmland Hydro LP (FL)	-	-	-	-	-	-	-	-	-
Federal Paper Board Co Inc	**761**	**10,188**	**475**	**-**	**-**	**30,120**	**2**	**87**	**25**
International Paper Riegelwood (NC)	761	10,188	475	-	-	30,120	2	87	25
Fibertek Energy LLC	**34,841**	**-**	**-**	**-**	**-**	**-**	**25**	**-**	**-**
Trigen Syracuse (NY)	34,841	-	-	-	-	-	25	-	-
Finch Pruyn & Co Inc	**-**	**380**	**4,738**	**4,518**	**-**	**531**	**-**	**3**	**262**
Finch Pruyn Co Inc (NY)	-	380	4,738	4,518	-	531	-	3	262
First National Bank-Commerce	**-**	**-**	**-**	**56,689**	**-**	**-**	**-**	**-**	**-**
Sidney A Murray Jr Hydroelectric Station	-	-	-	56,689	-	-	-	-	-
Flowind Corp	**-**	**-**	**-**	**-**	**-**	**9,643**	**-**	**-**	**-**
Altamont Power LLC (CA)	-	-	-	-	-	146	-	-	-
Cameron Ridge (CA)	-	-	-	-	-	9,497	-	-	-
Footville Water&Electric Comm	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	*
Foothills Generating Company LLC (KY)	-	-	-	-	-	-	-	-	*
Ford Master Credit Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bay Resource Management Center (FL)	-	-	-	-	-	-	-	-	-
Formosa Plastics Corp	**-**	**-**	**400,422**	**-**	**-**	**-**	**-**	**-**	**4,466**
Formosa Plastics Corp (LA)	-	-	77,766	-	-	-	-	-	900
Formosa Utility Venture Ltd (TX)	-	-	322,656	-	-	-	-	-	3,566

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Fort Howard Corp	**35,642**	**13,689**	**-**	**-**	**-**	**-**	**31**	**11**	**-**
Green Bay West Mill (WI)	35,642	13,689	-	-	-	-	31	11	-
Muskogee Mill (OK)	-	-	-	-	-	-	-	-	-
Fort James Operating Co	**4,047**	**42,146**	**2,748**	**-**	**-**	**356**	**3**	**24**	**55**
Savannah River Mill (GA)	4,047	42,146	2,748	-	-	356	3	24	55
Foster Wheeler Power Sys Inc	**-**	**-**	**71,627**	**-**	**-**	**-**	**-**	**-**	**614**
Camden Resource Recovery (NJ)	-	-	-	-	-	-	-	-	-
Foster Wheeler Martinez Inc (CA)	-	-	71,627	-	-	-	-	-	614
Foster Wheeler-Mt Carmel Inc	**26,105**	**-**	**-**	**-**	**-**	**-**	**51**	**-**	**-**
Foster Wheeler Martinez Inc (CA)	-	-	-	-	-	-	-	-	-
Mount Carmel Cogen Inc (PA)	26,105	-	-	-	-	-	51	-	-
Fountain Valley Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fountain Valley (CO)	-	-		-	-	-	-	-	-
Fox Metro Water Reclamation	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	*
Fox Metro Water Reclamation District (IL)	-	-	-	-	-	-	-	-	*
FPL Energy Inc	**-**	**-**	**-**	**-**	**-**	**58,844**	**-**	**-**	**-**
Badger Windpower LLC (KS)	-	-	-	-	-	4,528	-	-	-
Gray County Wind Energy (KS)	-	-	-	-	-	27,744	-	-	-
Lake Benton II (MN)	-	-	-	-	-	26,572	-	-	-
FPL Energy Maine Inc	**-**	**13,541**	**-**	**82,492**	**-**	**21,245**	**-**	**31**	**-**
Androscoggin 3 (ME)	-	-	-	-3	-	-	-	-	-
Aroostook Valley (ME)	-	-	-	-	-	21,245	-	-	-
Bar Mills (ME)	-	-	-	1,552	-	-	-	-	-
Bates Mill Upper (ME)	-	-	-	3	-	-	-	-	-
Bonny Eagle (ME)	-	-	-	6,042	-	-	-	-	-
Brunswick (ME)	-	-	-	5,267	-	-	-	-	-
Cataract (ME)	-	-	-	3,751	-	-	-	-	-
Charles E Monty (ME)	-	-	-	6,795	-	-	-	-	-
Continental Mills (ME)	-	-	-	-1	-	-	-	-	-
Deer Rips (ME)	-	-	-	-3	-	-	-	-	-
Fort Halifax (ME)	-	-	-	447	-	-	-	-	-
Gulf Island (ME)	-	-	-	10,117	-	-	-	-	-
Harris (ME)	-	-	-	6,460	-	-	-	-	-
Hill Mill (ME)	-	-	-	-1	-	-	-	-	-
Hiram (ME)	-	-	-	4,025	-	-	-	-	-
Mason Steam (ME)	-	-	-	-	-	-	-	1	-
Messalonkskee 2 (Oakland) (ME)	-	-	-	823	-	-	-	-	-
Messalonkskee 3 (ME)	-	-	-	-2	-	-	-	-	-
Messalonkskee 5 (ME)	-	-	-	-2	-	-	-	-	-
North Gorham (ME)	-	-	-	667	-	-	-	-	-
Shawmut (ME)	-	-	-	3,330	-	-	-	-	-
Skelton (ME)	-	-	-	7,591	-	-	-	-	-
West Buxton (ME)	-	-	-	-4	-	-	-	-	-
Weston (ME)	-	-	-	5,204	-	-	-	-	-
William F Wyman (ME)	-	13,541	-	-	-	-	-	30	-
Williams (ME)	-	-	-	4,970	-	-	-	-	-
Wyman Hydro (ME)	-	-	-	15,464	-	-	-	-	-
FPL Energy Uptond Wind LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
King Mountain Wind Ranch 1 (TX)	-	-	-	-	-		-	-	-
FPL Energy Vansycle LLC	**-**	**-**	**-**	**-**	**-**	**39,592**	**-**	**-**	**-**
Stateline (OR)	-	-	-	-	-	15,872	-	-	-
Stateline (WA)	-	-	-	-	-	23,720	-	-	-
Fraser Paper Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fraser Paper Inc (WI)	-	-	-	-	-	-	-	-	-
Freede Henry J Dr	**-**	**-**	**41,240**	**-**	**-**	**-**	**-**	**-**	**287**
Frederickson Power LP (WA)	-	-	41,240	-	-	-	-	-	287
Freestone Power Generation LP	**-**	**-**	**433,605**	**-**	**-**	**-**	**-**	**-**	**3,021**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Freestone Power Generation LP (TX)	-	-	433,605	-	-	-	-	-	3,021
Fresno Cogeneration Partners	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fresno Cogen Partners (CA)	-	-		-	-	-	-	-	-
Frontier Generation LP	**-**	**-**	**71,323**	**-**	**-**	**-**	**-**	**-**	**618**
Frontera Generation Facility (TX)	-	-	71,323	-	-	-	-	-	618
FSLIC Receiver For MSA	**-**	**-**	**221,600**	**-**	**-**	**-**	**-**	**-**	**1,567**
FPLE Rhode Island State Energy Project	-	-	221,600	-	-	-	-	-	1,567
Ft Worth City of	**-**	**-**	**720**	**-**	**-**	**1,755**	**-**	**-**	**9**
Village Creek Wastewater Treatment Plant	-	-	720	-	-	1,755	-	-	9
Fulton Cogeneration Associates	**-**	**-**	**1,440**	**-**	**-**	**-**	**-**	**-**	**13**
Fulton Cogen Assoc (NY)	-	-	1,440	-	-	-	-	-	13
FWA Equipment & Mud Co	**-**	**-**	**-**	**-**	**833,121**	**-**	**-**	**-**	**-**
Seabrook (NH)	-	-	-	-	833,121	-	-	-	-
Gas Recovery Systems Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Coyote Canyon (CA)	-	-	-	-	-	-	-	-	-
Gaylord Container Corp	**-**	**5,247**	**8,790**	**-**	**-**	**66,830**	**-**	**9**	**92**
Gaylord Container Corp Antioch (CA)	-	-		-	-	-	-	-	-
Gaylord Container Corp Bogalusa (LA)	-	5,247	8,790	-	-	66,830	-	9	92
Gaylord Entertainment Co	**-**	**-**	**3,473**	**-**	**-**	**-**	**-**	**-**	**42**
Opryland USA (TN)	-	-	3,473	-	-	-	-	-	42
GEM Resources	**-**	**-**	**-**	**-**	**-**	**5,528**	**-**	**-**	**-**
GEM II (CA)	-	-	-	-	-	-	-	-	-
GEM III (CA)	-	-	-	-	-	5,528	-	-	-
General Chemical Corp	**18,442**	**24**	**1,217**	**-**	**-**	**-**	**44**	*****	**50**
General Chemical (WY)	18,442	24	1,217	-	-	-	44	*	50
General Electric Co	**-**	**10,299**	**74**	**-**	**-**	**-**	**-**	**35**	**1**
GE Company Aircraft Engines (MA)	-	10,299	74	-	-	-	-	35	1
General Growth Proper Tire Inc	**-**	**821**	**1**	**-**	**-**	**-**	**-**	*****	*****
Westroads Shopping Center (NE)	-	821	1	-	-	-	-	*	*
General Motors Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Powertrain Warren GMC (MI)	-	-		-	-	-	-	-	-
Genesee Power Station LP	**-**	**-**	**-**	**-**	**-**	**15,316**	**-**	**-**	**-**
Genesee (MI)	-	-	-	-	-	15,316	-	-	-
Georgia Gulf Corp	**-**	**-**	**101,245**	**-**	**-**	**-**	**-**	**-**	**1,938**
Georgia Gulf Corporation Plaquemine (LA)	-	-	101,245	-	-	-	-	-	1,938
Georgia-Pacific Corp	**-**	**5,266**	**15,869**	**-**	**-**	**61,001**	**-**	**46**	**654**
Ashdown (AR)	-	-	-	-	-	-	-	-	-
Big Island (VA)	-	-	-	-	-	-	-	-	-
Brunswick Pulp&Paper Co (GA)	-	-	-	-	-	-	-	-	-
Cedar Springs (GA)	-	-	-	-	-	-	-	-	-
Crossett Paper (AR)	-	5,266	4,468	-	-	35,947	-	46	185
Fort Bragg Western Wood Products (CA)	-	-	-	-	-	-	-	-	-
Leaf River (MS)	-	-	-	-	-	-	-	-	-
Monticello Paper (MS)	-	-	-	-	-	-	-	-	-
Naheola Mill (AL)	-	-	-	-	-	-	-	-	-
Nekoosa Mill (WI)	-	-	-	-	-	-	-	-	-
Palatka Ops (FL)	-	-	-	-	-	-	-	-	-
Port Edwards Mill (WI)	-	-	-	-	-	-	-	-	-
Port Hudson Pulp Printing Paper (LA)	-	-	11,401	-	-	25,054	-	-	469
Gilberton Power Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
John B Rich Memorial (PA)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Gillette Co	**-**	**-**	**4,128**	**-**	**-**	**-**	**-**	**-**	**98**
Gillette Co (MA)	-	-	4,128	-	-	-	-	-	98
Gilman Paper Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Gilman Paper Co (GA)	-	-	-	-	-	-	-	-	-
Glen Park Associates	**-**	**-**	**-**	**1,062**	**-**	**-**	**-**	**-**	**-**
Glen Park Hydro (NY)	-	-	-	1,062	-	-	-	-	-
Goaline Ltd Partnership	**-**	**-**	**36,220**	**-**	**-**	**-**	**-**	**-**	**291**
Goal Line LP (CA)	-	-	36,220	-	-	-	-	-	291
Goodyear Tire & Rubber Co	**9,142**	**11**	**21,826**	**-**	**-**	**-**	**10**	**	**274**
Goodyear (OH)	9,142	11	-	-	-	-	10	*	-
The Goodyear&Tire Rubber Co (TX)	-	-	21,826	-	-	-	-	-	274
Gorbell Thermo Electron Pwr Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Boralex Athens Energy (ME)	-	-	-	-	-	-	-	-	-
Gordonsville Energy LP	**-**	**297**	**2,298**	**-**	**-**	**-**	**-**	**1**	**19**
Gordonsville Energy LP (VA)	-	297	2,298	-	-	-	-	1	19
GPU International Inc-Onondaga	**-**	**-**	**253**	**-**	**-**	**-**	**-**	**-**	**2**
Onondaga Cogen (NY)	-	-	253	-	-	-	-	-	2
Grayling Generating Station LP	**-**	**-**	**72**	**-**	**-**	**16,552**	**-**	**-**	**1**
Grayling (MI)	-	-	72	-	-	16,552	-	-	1
Grays Ferry Cogeneration Partn	**-**	**-**	**59,093**	**-**	**-**	**-**	**-**	**-**	**842**
Grays Ferry Cogen (PA)	-	-	59,093	-	-	-	-	-	842
Great Northern Paper Inc	**-**	**22,187**	**-**	**46,691**	**-**	**12,821**	**-**	**104**	**-**
Great Lakes Hydro America (ME)	-	-	-	46,691	-	-	-	-	-
Great Plain Energy Center (ME)	-	3,275	-	-	-	6,822	-	20	-
Millinocker (ME)	-	18,912	-	-	-	5,999	-	84	-
Greenville Steam Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Greenville Steam Co (ME)	-	-	-	-	-		-	-	-
Gregory Power Partners LP	**-**	**-**	**277,400**	**-**	**-**	**-**	**-**	**-**	**2,726**
Gregory (TX)	-	-	277,400	-	-	-	-	-	2,726
Griffith Energy LLC	**-**	**-**	**103,785**	**-**	**-**	**-**	**-**	**-**	**746**
Griffith Energy (AZ)	-	-	103,785	-	-	-	-	-	746
GTE Alaska Inc	**-**	**-**	**9,261**	**-**	**-**	**-**	**-**	**-**	**87**
Hanford Energy Park Peaker (CA)	-	-	4,586	-	-	-	-	-	44
Henrietta Peaker (CA)	-	-	4,675	-	-	-	-	-	43
Guadalupe Power Partners LP	**-**	**-**	**351,405**	**-**	**-**	**-**	**-**	**-**	**2,494**
Guadalupe (TX)	-	-	351,405	-	-	-	-	-	2,494
Gulf States Paper Corp	**1,302**	**374**	**949**	**-**	**-**	**9,755**	**4**	**5**	**67**
Gulf States Paper Corp (AL)	1,302	374	949	-	-	9,755	4	5	67
GWF Power Systems LP	**-**	**27,234**	**-**	**-**	**-**	**-**	**-**	**11**	**-**
East Third Street (CA)	-	13,662	-	-	-	-	-	5	-
Loveridge Road (CA)	-	13,572	-	-	-	-	-	5	-
Hamakua Energy Partners LP	**-**	**39,162**	**-**	**-**	**-**	**-**	**-**	**62**	**-**
Hamakua Energy (HI)	-	39,162	-	-	-	-	-	62	-
Handsome Lake Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Handsome Lake Energy (PA)	-	-	-	-	-	-	-	-	-
Harbor Cogeneration Co	**-**	**-**	**7,486**	**-**	**-**	**-**	**-**	**-**	**80**
Harbor Cogen (CA)	-	-	7,486	-	-	-	-	-	80
Hardee Power Partners Ltd	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Hardee (FL)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Hartwell Energy Ltd Partners	**-**	**84**	**148**	**-**	**-**	**-**	**-**	*****	**2**
Hartwell Energy LP (GA)	-	84	148	-	-	-	-	*	2
Hawaiian Coml & Sugar Co Ltd	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Paia (HI)	-	-	-	-	-	-	-	-	-
Hawkins H S	**-**	**-**	**-**	**-**	**-**	**8,427**	**-**	**-**	**-**
Hawkeye Power Partners LLC (IA)	-	-	-	-	-	8,427	-	-	-
Hays Energy LP	**-**	**-**	**116,234**	**-**	**-**	**-**	**-**	**-**	**809**
Hays Energy Facility (TX)	-	-	116,234	-	-	-	-	-	809
Heard County Power LLC	**-**	**-**	**1,540**	**-**	**-**	**-**	**-**	**-**	**17**
Calcasieu (LA)	-	-	-	-	-	-	-	-	-
Heard County Power LLC (GA)	-	-	1,540	-	-	-	-	-	17
Heber Geothermal Co	**-**	**-**	**-**	**-**	**-**	**26,330**	**-**	**-**	**-**
Heber Geothermal Co (CA)	-	-	-	-	-	26,330	-	-	-
Hemphill Power & Light Co	**-**	**-**	**-**	**-**	**-**	**10,180**	**-**	**-**	**-**
Hemphill Power&Light Co (NH)	-	-	-	-	-	10,180	-	-	-
Hercules Inc	**6,105**	**1,771**	**-**	**-**	**-**	**-**	**11**	**5**	**-**
Green Tree Chemical Technologies INC	-	1,758	-	-	-	-	-	5	-
Hercules Inc Missouri Chemical Works	6,105	13	-	-	-	-	11	*	-
Herold A C	**-**	**-**	**324,462**	**-**	**-**	**-**	**-**	**-**	**2,272**
Hermiston (OR)	-	-	324,462	-	-	-	-	-	2,272
Hidalgo Energy Center LP	**-**	**-**	**203,893**	**-**	**-**	**-**	**-**	**-**	**1,396**
Hidalgo Energy Center (TX)	-	-	203,893	-	-	-	-	-	1,396
High Sierra Ltd	**-**	**-**	**34,534**	**-**	**-**	**-**	**-**	**-**	**351**
High Sierra (CA)	-	-	34,534	-	-	-	-	-	351
Hillman Power Co	**-**	**-**	**-**	**-**	**-**	**12,964**	**-**	**-**	**-**
Hillman Power Co LLC (MI)	-	-	-	-	-	12,964	-	-	-
Hillsborough County	**-**	**-**	**111**	**-**	**-**	**-**	**-**	**-**	**1**
Hillsborough County Resource Recovery	-	-	111	-	-	-	-	-	1
HL Power Co	**-**	**-**	**4,819**	**-**	**-**	**14,504**	**-**	**-**	**44**
HL (CA)	-	-	4,819	-	-	14,504	-	-	44
Holland Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Holland Energy Facility (IL)	-	-	-	-	-	-	-	-	-
Hopewell Cogeneration Inc	**-**	**1**	**2,534**	**-**	**-**	**-**	**-**	*****	**101**
Hopewell Cogen (VA)	-	1	2,534	-	-	-	-	*	101
Howden Wind Parks Inc	**-**	**-**	**-**	**-**	**-**	**384**	**-**	**-**	**-**
Howden Windpark I (CA)	-	-	-	-	-	384	-	-	-
Huntsman Corp	**-**	**-**	**45,043**	**-**	**-**	**-**	**-**	**-**	**582**
JCO Oxides Olefins (TX)	-	-	45,043	-	-	-	-	-	582
Hydro Technology Systems Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Meyers Falls (WA)	-	-	-		-	-	-	-	-
Hydro-Op One Associates	**-**	**-**	**-**	**934**	**-**	**-**	**-**	**-**	**-**
Dayton Hydro (IL)	-	-	-	934	-	-	-	-	-
IBM Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
IBM San Jose Standby (CA)	-		-	-	-	-	-	-	-
IMC Phosphates Co	**-**	**-**	**78,990**	**-**	**-**	**-**	**-**	**-**	**-**
IMC Agrico Co New Wales Operations (FL)	-	-	33,600	-	-	-	-	-	-
IMC Agrico Co South Pierce Operations	-	-	27,379	-	-	-	-	-	-
IMC Agrico Company Uncle Sam Plant	-	-	18,011	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Indeck-Corinth Ltd Partnership	**-**	**-**	**94,126**	**-**	**-**	**-**	**-**	**-**	**737**
Indeck Corinth Energy Center (NY)	-	-	94,126	-	-	-	-	-	737
Indeck-Energy Serv Silver Sprg	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Indeck Silver Springs Energy Center (NY)	-	-	-	-	-	-	-	-	-
Indeck-Ilion Ltd Partnership	**-**	**-**	**6,148**	**-**	**-**	**-**	**-**	**-**	**52**
Indeck Ilion Energy Center (NY)	-	-	6,148	-	-	-	-	-	52
Indeck-Maine Energy LLC	**-**	**-**	**18**	**-**	**-**	**11,252**	**-**	**-**	*
Indeck Jonesboro Energy Center (ME)	-	-	-	-	-	-	-	-	-
Indeck West Enfield Energy Center (ME)	-	-	18	-	-	11,252	-	-	*
Indeck-Olean Ltd Partnership	**-**	**-**	**5,647**	**-**	**-**	**-**	**-**	**-**	**48**
Indeck Olean Energy Center (NY)	-	-	5,647	-	-	-	-	-	48
Indeck-Oswego Ltd Partnership	**-**	**-**	**12,132**	**-**	**-**	**-**	**-**	**-**	**119**
Indeck Oswego Energy Center (NY)	-	-	12,132	-	-	-	-	-	119
Indeck-Pepperell Power Assoc	**-**	**3**	**676**	**-**	**-**	**-**	**-**	*	**6**
Indeck Pepperell (MA)	-	3	676	-	-	-	-	*	6
Indeck-Yerkes Ltd Partnership	**-**	**105**	**3,163**	**-**	**-**	**-**	**-**	*	**34**
Indeck Yerkes Energy Center (NY)	-	105	3,163	-	-	-	-	*	34
Independent Power Americas Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Manchief (TX)	-	-		-	-	-	-	-	-
Indiantown Cogeneration LP	**147,778**	**-**	**1,987**	**-**	**-**	**-**	**61**	**-**	**20**
Indiantown Cogen (FL)	147,778	-	1,987	-	-	-	61	-	20
Ingersoll Milling	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Ingersoll Milling Machine Co (IL)	-	-	-	-	-	-	-	-	-
Ingleside Cogeneration LP	**-**	**-**	**135,513**	**-**	**-**	**-**	**-**	**-**	**1,473**
Ingleside Cogen (TX)	-	-	135,513	-	-	-	-	-	1,473
Inland Container Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Inland Paperboard and Packaging (TX)	-	-	-	-	-	-	-	-	-
Inland Paperboard & Pack'g Inc	**8,810**	**2,229**	**43**	**-**	**-**	**18,033**	**17**	**17**	**2**
Rome Linerboard Mill (GA)	8,810	2,229	43	-	-	18,033	17	17	2
Inland Steel Co	**-**	**-**	**647**	**-**	**-**	**-**	**-**	**-**	**6,166**
2 AC Station (IN)	-	-	72	-	-	-	-	-	6,166
4 AC Station (IN)	-	-	-	-	-	-	-	-	-
Expander Turbine (IN)	-	-	575	-	-	-	-	-	-
Intercontinental Energy Corp	**-**	**-**	**284,150**	**-**	**-**	**-**	**-**	**-**	**2,303**
Bellingham Cogen (MA)	-	-	130,320	-	-	-	-	-	1,034
Sayreville Cogen (NJ)	-	-	153,830	-	-	-	-	-	1,268
International Paper Co	**17,159**	**9,182**	**11,177**	**-**	**-**	**68,312**	**22**	**47**	**477**
Georgetown Mill (SC)	6,724	2,685	332	-	-	36,263	12	18	14
Kaukauna Mill (WI)	10,435	2,616	1,858	-	-	3,086	10	3	47
Lock Haven Mill (PA)	-	-	-	-	-	-	-	-	-
Texarkana Mill (TX)	-	3,881	8,987	-	-	28,963	-	26	416
International Paper Co-Padgett	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
International Paper Augusta Mill (GA)	-	-	-	-	-	-	-	-	-
International Turbine Res Inc	**-**	**-**	**-**	**-**	**-**	**740**	**-**	**-**	**-**
Dinosaur Point (CA)	-	-	-	-	-	740	-	-	-
IPC-Androscoggin Mill	**-**	**8,280**	**14,821**	**4,560**	**-**	**29,482**	**-**	**40**	**439**
Androscoggin Mill (ME)	-	8,280	14,821	-	-	29,482	-	40	439
Jay Hydro (ME)	-	-	-	1,707	-	-	-	-	-
Livermore Hydro (ME)	-	-	-	1,967	-	-	-	-	-
Riley Hydro (ME)	-	-	-	886	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
IPC-Camden	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Camden Mill (AR)	-	-		-	-	-	-	-	-
IPC-Louis	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Louisiana Mill (LA)	-	-	-	-	-	-	-	-	-
IPC-Mansfield Mill	**3,855**	**2,657**	**15,788**	**-**	**-**	**52,508**	**5**	**13**	**149**
Mansfield Mill (LA)	3,855	2,657	15,788	-	-	52,508	5	13	149
IPC-Natchez	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Natchez Mill (MS)	-	-	-	-	-	-	-	-	-
IPC-Pine	**-**	**-**	**15,440**	**-**	**-**	**47,040**	**-**	**-**	**328**
IPC Pine Bluff Mill (AR)	-	-	10,600	-	-	37,239	-	-	74
Pineville Mill (LA)	-	-	4,840	-	-	9,801	-	-	254
IPC-Riverdale Road	**-**	**331**	**31,545**	**-**	**-**	**21,561**	**-**	**2**	**508**
Riverdale Mill (AL)	-	331	31,545	-	-	21,561	-	2	508
IPC-Ticonderoga	**-**	**10,542**	**-**	**-**	**-**	**13,563**	**-**	**48**	**-**
Ticonderoga Mill (NY)	-	10,542	-	-	-	13,563	-	48	-
IPC-Vicks	**-**	**-**	**3,763**	**-**	**-**	**11,748**	**-**	**-**	**195**
Vicksburg Mill (MS)	-	-	3,763	-	-	11,748	-	-	195
Islip Resource Recovery Agency	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Mac Arthur Waste to Energy Facility (NY)	-	-	-	-	-	-	-	-	-
James River Corp	**-**	**1,715**	**-**	**-**	**-**	**13,854**	**8**	**26**	**157**
Naheola Mill (AL)	-	-	-	-	-	-	8	1	157
Old Town Division (ME)	-	1,715	-	-	-	3,165	-	25	-
St Francisville Mill (LA)	-	-	-	-	-	10,689	-	-	-
Jefferson Smurfit Corp	**-**	**-**	**-**	**-**	**-**	**50,616**	**-**	**-**	**-**
Jefferson Smurfit Corp (FL)	-	-	-	-	-	50,616	-	-	-
Jefferson Smurfit Corp-LA	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Smurfit Stone Container Corp (CA)	-	-	-	-	-	-	-	-	-
John Deere Harvester Works Co	**491**	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**-**
John Deere Harvester Works (IL)	491	-	-	-	-	-	3	-	-
Kaiser Aluminum&Chemical Corp	**-**	**-**	**21,294**	**-**	**-**	**-**	**-**	**-**	**540**
Kaiser Aluminum (LA)	-	-	21,294	-	-	-	-	-	540
Kalaeloa Partners LP	**-**	**89,036**	**30,178**	**-**	**-**	**-**	**-**	**171**	**-**
Kalaeola Cogeneration Plant (HI)	-	89,036	30,178	-	-	-	-	171	-
Kenetech Windpower Inc	**-**	**-**	**-**	**-**	**-**	**12,909**	**-**	**-**	**-**
Altamont Pass Windplant (CA)	-	-	-	-	-	12,909	-	-	-
Kent County	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Kent County Waste to Energy (MI)	-	-	-	-	-	-	-	-	-
Kern Front Ltd	**-**	**-**	**32,628**	**-**	**-**	**-**	**-**	**-**	**320**
Kern Front (CA)	-	-	32,628	-	-	-	-	-	320
Kern River Cogeneration Co	**-**	**-**	**217,305**	**-**	**-**	**-**	**-**	**-**	**2,535**
Kern River Cogen (CA)	-	-	217,305	-	-	-	-	-	2,535
KES Chateaugay LP	**-**	**-**	**-**	**-**	**-**	**7,554**	**-**	**-**	**-**
Chateaugay (NY)	-	-	-	-	-	7,554	-	-	-
KeySpan-Ravenswood Inc	**-**	**21,486**	**133,721**	**-**	**-**	**-**	**-**	**34**	**1,317**
Ravenswood (NY)	-	21,486	133,721	-	-	-	-	34	1,317
KIAC Partners	**-**	**-**	**51,560**	**-**	**-**	**-**	**-**	**-**	**423**
Kennedy Int Airport Cogen (NY)	-	-	51,560	-	-	-	-	-	423

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Kimberly-Clark Corp.	-	-	-	-	-	-	-	-	-
Chester Ops (PA)	-	-	-	-	-	-	-	-	-
Kinder Morgan Power Co	-	-	-	-	-	-	-	-	-
Jackson MI Facility (MI)	-	-	-	-	-	-	-	-	-
King County Dept-Natural Res	-	-	-	-	-	1,246	-	-	-
West Point Treatment Plant (WA)	-	-	-	-	-	1,246	-	-	-
Klamath Falls City of	-	-	207,393	-	-	-	-	-	1,517
Klamath Cogen (OR)	-	-	207,393	-	-	-	-	-	1,517
KN/Thermo LLC	-	-	15,036	-	-	-	-	-	170
Thermo Greeley Inc (CO)	-	-	15,036	-	-	-	-	-	170
Koch Petroleum Group LP	-	-	24,984	-	-	-	-	-	295
Koch Corpus Refinery (TX)	-	-	24,984	-	-	-	-	-	295
Koppers Industries Inc	-	-	-	-	-	4,692	-	-	-
Susquehanna (PA)	-	-	-	-	-	4,692	-	-	-
Lafarge Corp	24,356	-	-	-	-	-	39	-	-
LaFarge Corp Alpena (MI)	24,356	-	-	-	-	-	39	-	-
Lake Benton Power Partners LLC	-	-	-	-	-	25,662	-	-	-
Lake Benton I (MN)	-	-	-	-	-	25,662	-	-	-
Lake Cogen Ltd	-	-	56,931	-	-	-	-	-	435
Lake Cogen Ltd (FL)	-	-	56,931	-	-	-	-	-	435
Lake Road Generating Co LP	-	-	271,266	-	-	-	-	-	1,891
Lake Road (CT)	-	-	271,266	-	-	-	-	-	1,891
Lake Superior Paper Co	-	-	-	-	-	-	-	-	-
Duluth Paper Mill (MN)	-	-	-	-	-	-	-	-	-
Lancaster County Solid WR Auth	-	-	28	-	-	-	-	-	*
Lancaster County Resource Recovery	-	-	28	-	-	-	-	-	*
Landfill Generating Partners	-	-	-	-	-	-	-	-	-
Orange County New York (NY)	-	-	-	-	-	-	-	-	-
Las Vegas Cogeneration	-	-	18,638	-	-	-	-	-	141
Las Vegas Cogen LP (NV)	-	-	18,638	-	-	-	-	-	141
Leathers LP	-	-	-	-	-	29,720	-	-	-
J M Leathers (CA)	-	-	-	-	-	29,720	-	-	-
Lee County Board-Commissioners	-	-	-	-	-	-	-	-	-
Lee County Solid Waste Energy Recovery	-	-	-	-	-	-	-	-	-
L'Energia Ltd Partnership	-	-	764	-	-	-	-	-	6
UAE Lowell Power LLC (MA)	-	-	764	-	-	-	-	-	6
LG&E Westmoreland Rensselaer	-	-	8,316	-	-	-	-	-	70
Rensselaer Cogen (NY)	-	-	8,316	-	-	-	-	-	70
Liberty Electric Power LLC	-	-	88,010	-	-	-	-	-	628
Liberty Electric Power LLC (PA)	-	-	88,010	-	-	-	-	-	628
Little Rock Wastewater Utility	-	-	118	-	-	417	-	-	4
Fourche Creek Wastewater (AR)	-	-	118	-	-	417	-	-	4
Live Oak Ltd	-	-	39,945	-	-	-	-	-	270
Live Oak Cogen (CA)	-	-	39,945	-	-	-	-	-	270
Llano Estacado Wind LP	-	-	-	-	-	21,986	-	-	-
Llano Estacado Wind Ranch - White Deer	-	-	-	-	-	21,986	-	-	-
Lockport Energy Associates LP	-	8,838	105,164	-	-	-	-	*	1

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
LEA LP Lockport Cogen Facility (NY)	-	8,838	105,164	-	-	-	-	*	1
Logan Generating Co LP	**94,289**	**-**	**-**	**-**	**-**	**-**	**41**	**2**	**-**
Logan (NJ)	94,289	-	-	-	-	-	41	2	-
Long Beach Generation LLC	**-**	**-**	**41,771**	**-**	**-**	**-**	**-**	**-**	**468**
Long Beach Generation LLC (CA)	-	-	41,771	-	-	-	-	-	468
Longview Fibre Co	**-**	**5,009**	**2,875**	**-**	**-**	**18,853**	**-**	**29**	**165**
Longview Fibre Co (WA)	-	5,009	2,875	-	-	18,853	-	29	165
Los Angeles County Sanitation	**-**	**-**	**1,335**	**-**	**-**	**10,555**	**-**	**-**	**37**
Commerce Refuse To Energy (CA)	-	-	333	-	-	-	-	-	6
Palos Verdes Gas to Energy (CA)	-	-	1,002	-	-	-	-	-	31
Puente Hills Energy Recovery (CA)	-	-	-	-	-	-	-	-	-
Spadra Landfill Gas to Energy (CA)	-	-	-	-	-	-	-	-	-
Total Energy Facilities (CA)	-	-	-	-	-	10,555	-	-	-
Louisiana Generating LLC	**791,139**	**1,315**	**2,083**	**-**	**-**	**-**	**522**	**3**	**24**
Big Cajun (LA)	-	-	2,083	-	-	-	-	-	24
Big Cajun 2 (LA)	791,139	1,315	-	-	-	-	522	3	-
Louisiana Pacific Samoa Inc	**-**	**-**	**-**	**-**	**-**	**12,387**	**-**	**-**	**-**
Pulp Mill Power House (CA)	-	-	-	-	-	12,387	-	-	-
LSP Energy Ltd Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Batesville (MS)	-	-	-	-	-	-	-	-	-
LSP-Cottage Grove LP	**-**	**-**	**14,653**	**-**	**-**	**-**	**-**	**-**	**129**
Cogentrix LSP Cottage Grove (MN)	-	-	14,653	-	-	-	-	-	129
LSP-Whitewater LP	**-**	**-**	**11,281**	**-**	**-**	**-**	**-**	**-**	**91**
Whitewater Cogen (WI)	-	-	11,281	-	-	-	-	-	91
LTV Steel Co Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
LTV Steel Cleveland Works (OH)	-	-	-	-	-	-	-	-	-
LTV Steel Indiana Harbor Works (IN)	-	-	-	-	-	-	-	-	-
Luz Solar Partners Ltd III	**-**	**-**	**5,106**	**-**	**-**	**6,457**	**-**	**-**	**61**
SEGS III (CA)	-	-	5,106	-	-	6,457	-	-	61
Luz Solar Partners Ltd IV	**-**	**-**	**2,313**	**-**	**-**	**3,741**	**-**	**-**	**27**
SEGS IV (CA)	-	-	2,313	-	-	3,741	-	-	27
Luz Solar Partners Ltd IX	**-**	**-**	**7,440**	**-**	**-**	**4,109**	**-**	**-**	**94**
SEGS IX (CA)	-	-	7,440	-	-	4,109	-	-	94
Luz Solar Partners Ltd V	**-**	**-**	**4,954**	**-**	**-**	**6,098**	**-**	**-**	**59**
SEGS V (CA)	-	-	4,954	-	-	6,098	-	-	59
Luz Solar Partners Ltd VI	**-**	**-**	**48**	**-**	**-**	**1,778**	**-**	**-**	**1**
SEGS VI (CA)	-	-	48	-	-	1,778	-	-	1
Luz Solar Partners Ltd VII	**-**	**-**	**27**	**-**	**-**	**1,611**	**-**	**-**	*****
SEGS VII (CA)	-	-	27	-	-	1,611	-	-	*
Luz Solar Partners Ltd VIII	**-**	**-**	**7,464**	**-**	**-**	**4,100**	**-**	**-**	**97**
SEGS VIII (CA)	-	-	7,464	-	-	4,100	-	-	97
MacMillan Bloedel Packaging	**599**	**111**	**5,010**	**-**	**-**	**35,390**	**1**	**1**	**189**
Pine Hill Op (AL)	599	111	5,010	-	-	35,390	1	1	189
Madison Generating Station LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Madison (OH)	-	-	-	-	-	-	-	-	-
Madison Paper Industries Inc	**-**	**1,584**	**-**	**7,543**	**-**	**-**	**-**	**19**	**-**
Anson Abenaki Hydros (ME)	-	1,584	-	7,543	-	-	-	19	-
Maine Energy Recovery Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Maine Energy Recovery Co (ME)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Mammoth Pacific LP	**-**	**-**	**-**	**-**	**-**	**20,314**	**-**	**-**	**-**
Mammoth Pacific I (CA)	-	-	-	-	-	4,172	-	-	-
Mammoth Pacific II (CA)	-	-	-	-	-	7,415	-	-	-
Ples I (CA)	-	-	-	-	-	8,727	-	-	-
March Point Cogeneration Co	**-**	**-**	**95,523**	**-**	**-**	**-**	**-**	**-**	**1,071**
March Point Cogen (WA)	-	-	95,523	-	-	-	-	-	1,071
Martinez Refining Co	**-**	**-**	**66,591**	**-**	**-**	**-**	**-**	**-**	**665**
Martinez Refining (CA)	-	-	66,591	-	-	-	-	-	665
Maryland Dept-Pub Safety&Corr	**-**	**8**	**-**	**-**	**-**	**943**	**-**	*	**-**
Eastern Correctional Institute (MD)	-	8	-	-	-	943	-	*	-
Massachusetts Bay Trans Auth	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
M Street Jet (MA)	-		-	-	-	-	-	-	-
Massachusetts Water Res Auth	**-**	**345**	**-**	**574**	**-**	**1,895**	**-**	**2**	**-**
Deer Island Treatment Plant (MA)	-	345	-	574	-	1,895	-	2	-
Winsor Dam Power Station (MA)	-	-	-	-	-	-	-	-	-
MASSPOWER	**-**	**161**	**157,106**	**-**	**-**	**-**	**-**	*	**1,326**
Masspower (MA)	-	161	157,106	-	-	-	-	*	1,326
McKittrick Ltd	**-**	**-**	**34,439**	**-**	**-**	**-**	**-**	**-**	**299**
McKittrick Cogen (CA)	-	-	34,439	-	-	-	-	-	299
Mead Coated Board Inc	**-**	**853**	**20,161**	**-**	**-**	**38,726**	**-**	**4**	**333**
Mead Coated Board Inc (AL)	-	853	20,161	-	-	38,726	-	4	333
Mead Corp	**38,995**	**2,296**	**1,875**	**15,637**	**-**	**68,927**	**37**	**22**	**116**
Mead Corp (ME)	-	2,027	1,803	-	-	-	-	21	115
Mead Paper Division (ME)	23,937	269	72	-	-	19,049	26	2	1
Rumford Cogen (ME)	15,058	-	-	-	-	49,878	11	-	-
Rumford Falls Power Co (ME)	-	-	-	15,637	-	-	-	-	-
Mead Paper Corp	**19,036**	**119**	**12,547**	**-**	**-**	**24,623**	**15**	*	**247**
Mead Paper (MI)	19,036	119	12,547	-	-	24,623	15	*	247
Mecklenberg Cogeneration LP	**44,300**	**434**	**-**	**-**	**-**	**-**	**21**	**1**	**-**
Mecklenburg Cogen (VA)	44,300	434	-	-	-	-	21	1	-
Medical Area Totl Engy Plt Inc	**-**	**13,312**	**13,809**	**-**	**-**	**-**	**-**	**23**	**317**
Medical Area Total Energy (MA)	-	13,312	13,809	-	-	-	-	23	317
Mendota Biomass Power Ltd	**-**	**-**	**-**	**-**	**-**	**12,827**	**-**	**-**	**-**
AES Mendota (CA)	-	-	-	-	-	12,827	-	-	-
Merchant Energy Partners	**-**	**-**	**9,141**	**-**	**-**	**-**	**-**	**-**	**78**
Aries (MO)	-	-	9,141	-	-	-	-	-	78
Merck & Co Inc	**-**	**-**	**2,278**	**-**	**-**	**78**	**-**	**-**	**153**
Merck Rahway (NJ)	-	-	2,278	-	-	78	-	-	153
Merck & Co Inc-West Point	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
West Point (PA)	-	-	-	-	-	-	-	-	-
Merrimac Paper Co Inc	**-**	**305**	**-**	**-**	**-**	**-**	**-**	**4**	**-**
Merrimac Paper Co Inc (MA)	-	305	-	-	-	-	-	4	-
Metro Dade County	**-**	**-**	**4**	**-**	**-**	**-**	**-**	**-**	*
Miami Dade County Resources (FL)	-	-	4	-	-	-	-	-	*
Metropolitan Wastewater Reclam	**-**	**-**	**-**	**-**	**-**	**2,557**	**-**	**-**	**-**
Metro Wastewater Reclamation District	-	-	-	-	-	-	-	-	-
Trigen-Colorado Metro (CO)	-	-	-	-	-	2,557	-	-	-
Miami Dade Water & Sewer Auth	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Central District Wastewater (FL)	-	-	-	-	-		-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
South District Wastewater (FL)	-	-	-	-	-		-	-	-
Michigan Automotive Research	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Lotus Engineering Inc (MI)	-	-	-	-	-	-	-	-	-
Michigan Power Ltd Partnership	**-**	**-**	**88,560**	**-**	**-**	**-**	**-**	**-**	**839**
Michigan Power (MI)	-	-	88,560	-	-	-	-	-	839
Michigan State University	**19,328**	**-**	**211**	**-**	**-**	**-**	**20**	**-**	**5**
T B Simon (MI)	19,328	-	211	-	-	-	20	-	5
Mid-America Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
E J Stoneman Station (WI)	-	-	-	-	-	-	-	-	-
Mid-Continent Power Co Inc	**-**	**-**	**28,729**	**-**	**-**	**-**	**-**	**-**	**414**
Calpine Pryor Inc (OK)	-	-	28,729	-	-	-	-	-	414
Middletown Power LLC	**-**	**745**	**17**	**-**	**-**	**-**	**-**	**1**	*****
NRG Middletown Ops Inc (CT)	-	745	17	-	-	-	-	1	*
Mid-Georgia CoGen LP	**-**	**-**	**6,818**	**-**	**-**	**-**	**-**	**-**	**57**
Mid Georgia Cogen (GA)	-	-	6,818	-	-	-	-	-	57
Midlothian Energy LP	**-**	**-**	**411,591**	**-**	**-**	**-**	**-**	**-**	**2,882**
Midlothian Energy Facility (TX)	-	-	411,591	-	-	-	-	-	2,882
Mid-States NGV Coalition	**-**	**-**	**-**	**-**	**-**	**4,291**	**-**	**-**	**-**
Mill Run Windpower (PA)	-	-	-	-	-	4,291	-	-	-
Midway-Sunset Cogeneration Co	**-**	**-**	**165,428**	**-**	**-**	**-**	**-**	**-**	**1,755**
Midway Sunset Cogen (CA)	-	-	165,428	-	-	-	-	-	1,755
Midwest Generations EME LLC	**2,136,237**	**3,535**	**10,292**	**-**	**-**	**-**	**1,323**	**14**	**201**
Bloom (IL)	-	-	-	-	-	-	-	3	-
Calumet (IL)	-	-	-	-	-	-	-	-	-
Collins (IL)	-	12	33	-	-	-	-	4	73
Crawford (IL)	174,861	-	1,359	-	-	-	102	-	14
Electric Junction (IL)	-	-	675	-	-	-	-	-	13
Fisk Street (IL)	-	77	-	-	-	-	-	1	16
Joliet 29 (IL)	422,731	-	6,210	-	-	-	261	-	66
Joliet 9 (IL)	70,228	-	1,091	-	-	-	45	-	9
Lombard (IL)	-	-	7	-	-	-	-	-	*
Powerton (IL)	624,923	-	482	-	-	-	406	-	5
Sabrooke (IL)	-	-	35	-	-	-	-	-	1
Waukegan (IL)	408,670	65	400	-	-	-	239	*	4
Will County (IL)	434,824	3,381	-	-	-	-	269	6	-
Midwest Wind Developers	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alta Iowa Storm Lake I (IA)	-	-	-	-	-		-	-	-
Milford Power Ltd Partnership	**-**	**-**	**47,767**	**-**	**-**	**-**	**-**	**-**	**390**
Milford Power LP (MA)	-	-	47,767	-	-	-	-	-	390
Millennium Power Partners LP	**-**	**-**	**161,447**	**-**	**-**	**-**	**-**	**-**	**1,961**
Millennium Power (MA)	-	-	161,447	-	-	-	-	-	1,961
Minnesota Mining & Mfg Co	**-**	**36**	**2,063**	**-**	**-**	**-**	**-**	*****	**27**
3M Central (TX)	-	36	2,063	-	-	-	-	*	27
Mirant Canal LLC	**-**	**303,460**	**38**	**-**	**-**	**-**	**-**	**491**	*****
Canal (MA)	-	303,460	38	-	-	-	-	491	*
Oak Bluffs (MA)	-	-	-	-	-	-	-	-	-
West Tisbury (MA)	-	-	-	-	-	-	-	-	-
Mirant Chalk Point LLC	**348,531**	**39,032**	**21,137**	**-**	**-**	**-**	**136**	**60**	**225**
Chalk Point (MD)	348,531	39,032	21,137	-	-	-	136	60	225
Mirant Corp	**-**	**-**	**86,061**	**-**	**-**	**-**	**-**	**-**	**589**
SEI Texas Bosque County Peaking Plant	-	-	86,061	-	-	-	-	-	589

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Mirant Kendall LLC	**-**	**5,518**	**13,162**	**-**	**-**	**-**	**-**	**14**	**196**
Kendall Square (MA)	-	5,518	13,162	-	-	-	-	14	196
Mirant Mid-Atlantic LLC	**947,588**	**2,678**	**5,516**	**-**	**-**	**-**	**341**	**4**	**70**
Dickerson (MD)	219,928	2,528	5,516	-	-	-	86	4	70
Morgantown (MD)	727,660	150	-	-	-	-	254	*	-
Mirant Potomac River LLC	**150,250**	**2,113**	**-**	**-**	**-**	**-**	**73**	**4**	**-**
Potomac River (VA)	150,250	2,113	-	-	-	-	73	4	-
Mirant Sugar Creek LLC	**-**	**-**	**1,315**	**-**	**-**	**-**	**-**	**-**	**13**
Mirant Sugar Creek Power Plant (IN)	-	-	-394	-	-	-	-	-	-
Mirant Zeeland (MI)	-	-	1,709	-	-	-	-	-	13
Mobil Oil Corp-Beaumont	**-**	**-**	**195,040**	**-**	**-**	**-**	**-**	**-**	**2,897**
Beaumont Refinery (TX)	-	-	195,040	-	-	-	-	-	2,897
Mobil Oil Corp-Joliet	**-**	**4,509**	**28,793**	**-**	**-**	**-**	**-**	**23**	**813**
Paulsboro Refinery (NJ)	-	4,509	28,793	-	-	-	-	23	813
Mobil Oil Corp-Torrance	**-**	**-**	**19,406**	**-**	**-**	**-**	**-**	**-**	**184**
Torrance Refinery (CA)	-	-	19,406	-	-	-	-	-	184
Mobile Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Hog Bayou Energy Center (AL)	-	-	-	-	-	-	-	-	-
Mobile Energy Service Holdings	**20,507**	**-**	**-**	**-**	**-**	**16,299**	**12**	**-**	**-**
Mobile Energy Services Co LLC (AL)	20,507	-	-	-	-	16,299	12	-	-
Mojave Cogeneration Co	**-**	**-**	**29,029**	**-**	**-**	**-**	**-**	**-**	**312**
Mojave Cogeneration Co (CA)	-	-	29,029	-	-	-	-	-	312
Monsanto Co	**-**	**462**	**28,923**	**-**	**-**	**-**	**-**	**5**	**3,891**
Pensacola Florida (FL)	-	462	28,923	-	-	-	-	5	3,891
Montenay Montgomery LP	**-**	**71**	**-**	**-**	**-**	**-**	**-**	*	**-**
Montenay Montgomery LP (PA)	-	71	-	-	-	-	-	*	-
Morgantown Energy Associates	**35,689**	**-**	**8**	**-**	**-**	**-**	**32**	**-**	*
Morgantown Energy (WV)	35,689	-	8	-	-	-	32	-	*
Morrill Worcester	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Worcester Energy Co Inc (ME)	-	-	-	-	-	-	-	-	-
Mosinee Paper Corp	**3,049**	**163**	**-**	**2,319**	**-**	**5,974**	**6**	**1**	**-**
Wausau Mosinee Paper Corp Pulp (WI)	3,049	163	-	2,319	-	5,974	6	1	-
Motiva Enterprises LLC	**-**	**-**	**42,389**	**-**	**-**	**-**	**-**	**-**	**1,093**
Port Arthur Refinery (TX)	-	-	42,389	-	-	-	-	-	1,093
Mountain Petroleum Corp	**-**	**-**	**-**	**-**	**-**	**5,065**	**-**	**-**	**-**
Mountain View I (CA)	-	-	-	-	-	5,065	-	-	-
Mountain Petroleum Ltd	**-**	**-**	**-**	**-**	**-**	**2,527**	**-**	**-**	**-**
Mountain View II (CA)	-	-	-	-	-	2,527	-	-	-
Mountainview Power Co Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Mountainview Power Co LLC (CA)	-	-	-	-	-	-	-	-	-
MRWPCA	**-**	**-**	**186**	**-**	**-**	**297**	**-**	**-**	**3**
Monterey Regional Water Pollut (CA)	-	-	186	-	-	297	-	-	3
Mt Poso Cogeneration Co	**22,522**	**11,442**	**235**	**-**	**-**	**-**	**11**	**4**	**3**
Mt Poso Cogen (CA)	22,522	11,442	235	-	-	-	11	4	3
Multitrade-Pittsylvania Cnty	**-**	**-**	**-**	**-**	**-**	**27,539**	**-**	**-**	**-**
Multitrade of Pittsylvania County LP Plant	-	-	-	-	-	27,539	-	-	-
MWRD:W/SW Facility	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Stickney Water Reclamation (IL)	-	-	-	-	-		-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Naniwa Energy LLC	-	-	-	-	-	-	-	-	-
Tri-Center - Naniwa Energy (NV)	-	-	-	-	-	-	-	-	-
Nelson Industrial Steam Co	-	**157,583**	**884**	-	-	-	-	**58**	**5**
Nelson Industrial Steam Co (LA)	-	157,583	884	-	-	-	-	58	5
Nevada Cogeneration Assoc # 1	-	-	**57,666**	-	-	-	-	-	**495**
Nevada Cogen Assoc 1 Grnt Vly (NV)	-	-	57,666	-	-	-	-	-	495
Nevada Cogeneration Assoc # 2	-	-	**64,235**	-	-	-	-	-	**537**
Nevada Cogen Assoc#2 Black Mtn Plant	-	-	64,235	-	-	-	-	-	537
Nevada Sun-Peak Ltd Partners	-	-	**1,147**	-	-	-	-	-	**11**
Nevada Sun Peak Project (NV)	-	-	1,147	-	-	-	-	-	11
New Albany Power I LLC	-	-	-	-	-	-	-	-	-
New Albany (MS)	-	-	-	-	-	-	-	-	-
New Century Energies	-	-	**2,304**	-	-	-	-	-	**32**
Arapahoe Combustion Turbine (CO)	-	-	2,304	-	-	-	-	-	32
New Hanover County	-	-	**24**	-	-	-	-	-	**1**
New Hanover County Wastec (NC)	-	-	24	-	-	-	-	-	1
New Martinsville City of	-	-	-	**26,327**	-	-	-	-	-
New Martinsville Hydro (WV)	-	-	-	26,327	-	-	-	-	-
New Mexico LP Gas Assn	-	**189**	**2,005**	-	-	**21,117**	-	**2**	**98**
Okeelanta Cogen (FL)	-	189	2,005	-	-	21,117	-	2	98
New World Power Corp	-	-	-	-	-	**7,877**	-	-	-
Big Spring Wind Power (TX)	-	-	-	-	-	7,877	-	-	-
Newark Bay Cogen Partners LP	-	-	**2,886**	-	-	-	-	-	**153**
Newark Bay Cogen (NJ)	-	-	2,886	-	-	-	-	-	153
Newman & Co Inc	-	**594**	**470**	-	-	-	-	**4**	**21**
Newman Co Inc (PA)	-	594	470	-	-	-	-	4	21
NGE Eneterprises Inc	-	-	**3,745**	-	-	-	-	-	**36**
South Glens Falls Energy LLC (NY)	-	-	3,745	-	-	-	-	-	36
Nissequoque Cogen Partners	-	-	**31,049**	-	-	-	-	-	**330**
Stony Brook Cogen (NY)	-	-	31,049	-	-	-	-	-	330
Norcon Power Partners LP	-	-	**1,724**	-	-	-	-	-	**17**
North East Cogen (PA)	-	-	1,724	-	-	-	-	-	17
Northampton Generating Co LP	**43,300**	**15,549**	**207**	-	-	**5,370**	**38**	**7**	**1**
Northhampton Generating Co LP (PA)	43,300	15,549	207	-	-	5,370	38	7	1
Northbrook Carolina Hydro LLC	-	-	-	**2,984**	-	-	-	-	-
Boyds Mill Hydro (SC)	-	-	-	387	-	-	-	-	-
Hollidays Bridge Hydro (SC)	-	-	-	1,058	-	-	-	-	-
Saluda (SC)	-	-	-	587	-	-	-	-	-
Turner Shoals (NC)	-	-	-	952	-	-	-	-	-
Northeast Empire LP #1	-	-	-	-	-	**20,182**	-	-	-
Beaver Livermore Falls (ME)	-	-	-	-	-	20,182	-	-	-
Northeast Empire LP #2	-	-	-	-	-	-	-	-	-
Beaver Ashland (ME)	-	-	-	-	-	-	-	-	-
Northeast Generation Serv Co	-	**-76**	-	**16,876**	-	-	-	*	-
Bantam (CT)	-	-	-	64	-	-	-	-	-
Bulls Brdge (CT)	-	-	-	4,052	-	-	-	-	-
Cabot (MA)	-	-	-	20,406	-	-	-	-	-
Cobble Mt (MA)	-	-	-	846	-	-	-	-	-
Fls Village (CT)	-	-	-	5,114	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Northfld Mt (MA)	-	-	-	-48,560	-	-	-	-	-
Robertsvle (CT)	-	-	-	101	-	-	-	-	-
Rocky River (CT)	-	-	-	122	-	-	-	-	-
S Meadow (CT)	-	-78	-	-	-	-	-	*	-
Scotland Dm (CT)	-	-	-	944	-	-	-	-	-
Shepaug (CT)	-	-	-	16,725	-	-	-	-	-
Stevenson (CT)	-	-	-	12,907	-	-	-	-	-
Taftville (CT)	-	-	-	755	-	-	-	-	-
Tunnel (CT)	-	2	-	1,085	-	-	-	*	-
Turners Fl (MA)	-	-	-	2,315	-	-	-	-	-
Northeast Maryland W D Auth	**-**	**-**	**57**	**-**	**-**	**-**	**-**	**-**	**1**
Montgomery County Resource Recovery	-	-	57	-	-	-	-	-	1
Northeastern Power Co	**32,730**	**157**	**-**	**-**	**-**	**90**	**50**	**1**	**-**
Kline Township Cogen (PA)	32,730	157	-	-	-	90	50	1	-
Northern Alternative Energy	**-**	**-**	**-**	**-**	**-**	**9,063**	**-**	**-**	**-**
Agassiz Beach LLC (MN)	-	-	-	-	-	483	-	-	-
Autumn Hill LLC (MN)	-	-	-	-	-	491	-	-	-
Florence Hill LLC (MN)	-	-	-	-	-	618	-	-	-
Hadley Ridge LLC (MN)	-	-	-	-	-	601	-	-	-
Hope Creek LLC (MN)	-	-	-	-	-	614	-	-	-
Jack River LLC (MN)	-	-	-	-	-	508	-	-	-
Jessica Mills LLC (MN)	-	-	-	-	-	509	-	-	-
Julia Hills LLC (MN)	-	-	-	-	-	528	-	-	-
Ruthton Ridge LLC (MN)	-	-	-	-	-	664	-	-	-
Soliloquoy Ridge LLC (MN)	-	-	-	-	-	621	-	-	-
Spartan Hills LLC (MN)	-	-	-	-	-	637	-	-	-
Sun River LLC (MN)	-	-	-	-	-	526	-	-	-
Tsar Nicholas LLC (MN)	-	-	-	-	-	535	-	-	-
Twin Lake Hill LLC (MN)	-	-	-	-	-	620	-	-	-
Wilmont Hill LLC (MN)	-	-	-	-	-	443	-	-	-
Winter Spawn LLC (MN)	-	-	-	-	-	665	-	-	-
Northern Electric Power Co LP	**-**	**-**	**-**	**19,502**	**-**	**-**	**-**	**-**	**-**
Hudson Falls Hydro (NY)	-	-	-	19,502	-	-	-	-	-
Northern Intrastate P/L Co	**-**	**-**	**-**	**-**	**-**	**7,900**	**-**	**-**	**-**
Top of Iowa (IA)	-	-	-	-	-	7,900	-	-	-
Northern Sun/ADM-Enderlin K80	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Enderlin (ND)	-	-	-	-	-		-	-	-
Northlake Energy	**-**	**-**	**23,792**	**-**	**-**	**-**	**-**	**-**	**6,021**
5 AC Station (IN)	-	-	23,792	-	-	-	-	-	6,021
Northwind Energy Inc	**-**	**-**	**-**	**-**	**-**	**484**	**-**	**-**	**-**
Northwind Energy Inc (CA)	-	-	-	-	-	484	-	-	-
Norwalk Harbor Power LLC	**-**	**5,672**	**-**	**-**	**-**	**-**	**-**	**12**	**-**
NRG Norwalk Harbor (CT)	-	5,672	-	-	-	-	-	12	-
Nose Rock Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Klondike Wind Farm (OR)	-	-	-	-	-		-	-	-
Novactis Pharmacueticals Corp	**-**	**-**	**1,592**	**-**	**-**	**-**	**-**	**-**	**29**
Novartis Pharmaceuticals (NJ)	-	-	1,592	-	-	-	-	-	29
NRG Energy Arthur Kill	**76,055**	**739**	**-**	**-**	**-**	**-**	**29**	**1**	**-**
Somerset (MA)	76,055	739	-	-	-	-	29	1	-
NRG Generating Newark	**-**	**-**	**30,602**	**-**	**-**	**-**	**-**	**-**	**276**
Calpine Newark Inc (NJ)	-	-	30,602	-	-	-	-	-	276
NRG Huntley Operations Inc	**297,606**	**847**	**-**	**-**	**-**	**-**	**120**	**1**	**-**
Huntley (NY)	297,606	847	-	-	-	-	120	1	-
NRG Huntley Power LLC	**325,083**	**535**	**-**	**-**	**-**	**-**	**122**	**1**	**-**
Dunkirk (NY)	325,083	535	-	-	-	-	122	1	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
NRG Montville Operations Inc	-	-	-	-	-	-	-	*	*
Montville (CT)	-	-	-	-	-	-	-	*	*
NRG South Central Generatg LLC	-	-	-	-	-	-	-	-	-
NRG Sterlington Power LLC (LA)	-	-	-	-	-	-	-	-	-
NUI Corp	-	-	-	-	-	**7,284**	-	-	-
NWP Indian Mesa Wind Farm (TX)	-	-	-	-	-	7,284	-	-	-
O & R Development Inc	-	-	-	-	-	-	-	-	-
Audrain Generating Station (MO)	-	-	-	-	-	-	-	-	-
Oak Creek Energy System Inc II	-	-	-	-	-	**4,361**	-	-	-
Oak Creek Energy Systems Inc (CA)	-	-	-	-	-	4,361	-	-	-
O'Brien Biogas IV LLC	-	-	-	-	-	-	-	-	-
O Brien Biogas IV LLC (NJ)	-	-	-	-	-	-	-	-	-
Occidental Chemical Corp	-	-	**138,482**	-	-	-	-	-	**1,366**
Deer Park (TX)	-	-	-	-	-	-	-	-	-
Houston Chemical Complex Battle (TX)	-	-	138,482	-	-	-	-	-	1,366
Ocean County Utilities Auth	-	-	-	-	-	**193**	-	-	-
Bayville Central Facility (NJ)	-	-	-	-	-	193	-	-	-
Ocean State Power Co	-	-	**40,248**	-	-	-	-	-	**353**
Ocean State (RI)	-	-	40,248	-	-	-	-	-	353
Ocean State Power II	-	-	**94,007**	-	-	-	-	-	**763**
Ocean State II (RI)	-	-	94,007	-	-	-	-	-	763
Odessa-Ector Power Partners LP	-	-	**391,955**	-	-	-	-	-	**2,641**
Odessa-Ector Generating Station (TX)	-	-	391,955	-	-	-	-	-	2,641
Odgen Projects Inc-Hall	-	-	-	-	-	-	-	-	-
Walter B Hall Resource Recovery Facility	-	-	-	-	-	-	-	-	-
Odom Oil Co	-	-	-	-	-	-	-	-	-
Elk Hills Cogen Plant (CA)	-	-	-	-	-	-	-	-	-
Ogden Energy Group Inc-Stanisl	-	**154**	-	-	-	-	-	**1**	-
Hennepin Energy Resource Co LP (MN)	-	-	-	-	-	-	-	-	-
I 95 Energy Resource Recovery Facility	-	-	-	-	-	-	-	-	-
Stanislaus Resource Recovery (CA)	-	154	-	-	-	-	-	1	-
Ogden Energy Group Inc-Warren	-	-	-	-	-	-	-	-	-
Warren Energy Resource Co (NJ)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Babylon	-	**9**	-	-	-	-	-	*	-
Babylon Resource Recovery (NY)	-	9	-	-	-	-	-	*	-
Ogden Projects Inc-Bristol	-	-	**26**	-	-	-	-	-	**1**
Bristol Resource Recovery (CT)	-	-	26	-	-	-	-	-	1
Ogden Projects Inc-Haverhill	-	-	-	-	-	-	-	-	-
OHA Haverhill Mass Burn Waste to Energy	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Huntington	-	-	-	-	-	-	-	-	-
Huntington Resource Recovery (NY)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Lake County	-	-	-	-	-	-	-	-	-
Lake County Resource Recovery (FL)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Marion	-	-	-	-	-	-	-	-	-
Ogden Martin Systems of Marion Inc (OR)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Onondaga	-	-	-	-	-	-	-	-	-
Onondaga County Resource Recovery (NY)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Ogden Projects Inc-Wallingford	**-**	**134**	**-**	**-**	**-**	**-**	**-**	**1**	**-**
Wallingford Resource Recovery Facility	-	134	-	-	-	-	-	1	-
Oildale Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Oildale Cogen (CA)	-	-		-	-	-	-	-	-
Oklahoma State University	**-**	**-**	**991**	**-**	**-**	**-**	**-**	**-**	**61**
Oklahoma State University (OK)	-	-	991	-	-	-	-	-	61
Oleander Power Project LP	**-**	**1,656**	**20,889**	**-**	**-**	**-**	**-**	**4**	**215**
Oleander Power Project LP (FL)	-	1,656	20,889	-	-	-	-	4	215
Omaha City of	**-**	**-**	**317**	**-**	**-**	**890**	**-**	**-**	**5**
Missouri River Wastewater (NE)	-	-	30	-	-	520	-	-	*
Papillion Creek Wastewater (NE)	-	-	287	-	-	370	-	-	4
Oneida County Industl Dev Agcy	**-**	**2**	**7,354**	**-**	**-**	**-**	**-**	*****	**64**
Sterling Energy (NY)	-	2	7,354	-	-	-	-	*	64
Oneok Power Marketing Co	**-**	**-**	**122**	**-**	**-**	**-**	**-**	**-**	**2**
Spring Creek Power Plant (OK)	-	-	122	-	-	-	-	-	2
Orange Cogeneration LP	**-**	**-**	**44,100**	**-**	**-**	**-**	**-**	**-**	**319**
Orange Cogen (FL)	-	-	44,100	-	-	-	-	-	319
Orion Power Holdings Inc	**986,832**	**1,946**	**4,194**	**-**	**-**	**-**	**428**	**4**	**56**
Avon Lake (OH)	274,081	1,016	-	-	-	-	121	2	-
Brunot Island (PA)	-	102	3,335	-	-	-	-	1	48
Cheswick (PA)	320,664	-	859	-	-	-	124	-	8
Elrama (PA)	157,572	609	-	-	-	-	78	1	-
New Castle (PA)	125,489	169	-	-	-	-	56	*	-
Niles (OH)	109,026	50	-	-	-	-	49	*	-
Orion Power MidWest LP	**-**	**-**	**2,358**	**-**	**-**	**-**	**-**	**-**	**28**
Ceredo (WV)	-	-	2,358	-	-	-	-	-	28
Orion Power New York	**-**	**213,923**	**7,801**	**272,012**	**-**	**-**	**-**	**1,272**	**223**
Allens Falls (NY)	-	-	-	2,447	-	-	-	-	-
Astoria (NY)	-	205,487	4,327	-	-	-	-	1,246	162
Beardslee (NY)	-	-	-	5,466	-	-	-	-	-
Beebee Island (NY)	-	-	-	4,019	-	-	-	-	-
Belfort (NY)	-	-	-	791	-	-	-	-	-
Bennetts Bridge (NY)	-	-	-	10,285	-	-	-	-	-
Black River (NY)	-	-	-	4,120	-	-	-	-	-
Blake (NY)	-	-	-	4,658	-	-	-	-	-
Browns Falls (NY)	-	-	-	4,666	-	-	-	-	-
Chasm (NY)	-	-	-	2,195	-	-	-	-	-
Colton (NY)	-	-	-	16,116	-	-	-	-	-
Deferiet (NY)	-	-	-	6,649	-	-	-	-	-
E J West (NY)	-	-	-	7,325	-	-	-	-	-
Eagle (NY)	-	-	-	2,469	-	-	-	-	-
East Norfolk (NY)	-	-	-	1,604	-	-	-	-	-
Eel Weir (NY)	-	-	-	644	-	-	-	-	-
Effley (NY)	-	-	-	1,089	-	-	-	-	-
Elmer (NY)	-	-	-	726	-	-	-	-	-
Ephratah (NY)	-	-	-	1,937	-	-	-	-	-
Feeder Dam (NY)	-	-	-	2,589	-	-	-	-	-
Five Falls (NY)	-	-	-	7,426	-	-	-	-	-
Flat Rock (NY)	-	-	-	1,394	-	-	-	-	-
Franklin (NY)	-	-	-	818	-	-	-	-	-
Fulton (NY)	-	-	-	312	-	-	-	-	-
Glenwood (NY)	-	-	-	636	-	-	-	-	-
Gowanus Gas Turbines (NY)	-	3,198	512	-	-	-	-	10	9
Granby (NY)	-	-	-	4,714	-	-	-	-	-
Hannawa (NY)	-	-	-	4,228	-	-	-	-	-
Herrings (NY)	-	-	-	2,472	-	-	-	-	-
Heuvelton (NY)	-	-	-	501	-	-	-	-	-
High Falls (NY)	-	-	-	2,294	-	-	-	-	-
Higley (NY)	-	-	-	2,125	-	-	-	-	-
Hydraulic Race (NY)	-	-	-	585	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Inghams (NY)	-	-	-	3,516	-	-	-	-	-
Johnsonville (NY)	-	-	-	1,080	-	-	-	-	-
Kamargo (NY)	-	-	-	3,112	-	-	-	-	-
Lighthouse Hill (NY)	-	-	-	8	-	-	-	-	-
Macomb (NY)	-	-	-	582	-	-	-	-	-
Minetto (NY)	-	-	-	5,172	-	-	-	-	-
Moshier (NY)	-	-	-	2,627	-	-	-	-	-
Narrows Gas Turbines (NY)	-	5,238	2,962	-	-	-	-	16	52
Norfolk (NY)	-	-	-	1,934	-	-	-	-	-
Norwood (NY)	-	-	-	1,000	-	-	-	-	-
Oswego Falls East (NY)	-	-	-	3,772	-	-	-	-	-
Oswego Fallsl West (NY)	-	-	-	-	-	-	-	-	-
Parishville (NY)	-	-	-	1,566	-	-	-	-	-
Piercefield (NY)	-	-	-	1,446	-	-	-	-	-
Prosepect (NY)	-	-	-	5,976	-	-	-	-	-
Rainbow Falls (NY)	-	-	-	7,623	-	-	-	-	-
Raymondville (NY)	-	-	-	736	-	-	-	-	-
Schaghticoke (NY)	-	-	-	7,355	-	-	-	-	-
School Street (NY)	-	-	-	23,369	-	-	-	-	-
Schuylerville (NY)	-	-	-	962	-	-	-	-	-
Sewalls (NY)	-	-	-	1,510	-	-	-	-	-
Sherman Island (NY)	-	-	-	15,916	-	-	-	-	-
Soft Maple (NY)	-	-	-	2,686	-	-	-	-	-
South Colton (NY)	-	-	-	6,089	-	-	-	-	-
South Edwards (NY)	-	-	-	2,615	-	-	-	-	-
Spier Falls (NY)	-	-	-	22,394	-	-	-	-	-
Stark (NY)	-	-	-	7,330	-	-	-	-	-
Stewarts Bridge (NY)	-	-	-	13,777	-	-	-	-	-
Sugar Island (NY)	-	-	-	2,168	-	-	-	-	-
Talcville (NY)	-	-	-	60	-	-	-	-	-
Taylorville (NY)	-	-	-	1,886	-	-	-	-	-
Trenton Falls (NY)	-	-	-	11,909	-	-	-	-	-
Varick (NY)	-	-	-	3,176	-	-	-	-	-
Waterport (NY)	-	-	-	1,048	-	-	-	-	-
Yaleville (NY)	-	-	-	312	-	-	-	-	-
Orlando CoGen Ltd LP	**-**	**-**	**73,042**	**-**	**-**	**-**	**-**	**-**	**584**
Orlando Cogen (FL)	-	-	73,042	-	-	-	-	-	584
Ormesa Geothermal	**-**	**-**	**-**	**-**	**-**	**10,531**	**-**	**-**	**-**
Ormesa I (CA)	-	-	-	-	-	10,531	-	-	-
Ormesa Geothermal 1H Trust	**-**	**-**	**-**	**-**	**-**	**5,684**	**-**	**-**	**-**
Ormesa 1H (CA)	-	-	-	-	-	5,684	-	-	-
Ormesa Geothermal II	**-**	**-**	**-**	**-**	**-**	**9,789**	**-**	**-**	**-**
Ormesa Geothermal II (CA)	-	-	-	-	-	9,789	-	-	-
Oswego Harbor Power LLC	**-**	**-**	**-2,847**	**-**	**-**	**-**	**-**	**-**	**36**
Oswego Harbor (NY)	-	-	-2,847	-	-	-	-	-	36
Oxbow Geothermal Corp	**-**	**-**	**-**	**-**	**-**	**40,805**	**-**	**-**	**-**
Oxbow Geothermal Corp Dixie Valley	-	-	-	-	-	40,805	-	-	-
Oxbow Power of Beowawe	**-**	**-**	**-**	**-**	**-**	**8,024**	**-**	**-**	**-**
Beowawe Inc (NV)	-	-	-	-	-	8,024	-	-	-
Oxbow Power-N Tonawanda NY Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Oxbow Power of North Tonawanda (NY)	-	-		-	-	-	-	-	-
Oxnard City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Oxnard Wastewater Treatment (CA)	-	-	-	-	-	-	-	-	-
Oyster Creek Ltd	**-**	**-**	**190,476**	**-**	**-**	**-**	**-**	**-**	**1,938**
Oyster Creek Unit VIII (TX)	-	-	190,476	-	-	-	-	-	1,938
P H Glatfelter Co	**24,428**	**525**	**-**	**-**	**-**	**24,839**	**25**	**2**	**-**
P H Glatfelter Co (PA)	24,428	525	-	-	-	24,839	25	2	-
Pacific Lumber Co	**-**	**-**	**-**	**-**	**-**	**13,334**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
The Pacific Lumber Co (CA)	-	-	-	-	-	13,334	-	-	-
Pacific Ultrapower Chinese	**-**	**-**	**-**	**-**	**-**	**40,101**	**-**	**-**	**-**
Burney Mountain (CA)	-	-	-	-	-	6,829	-	-	-
Mt Lassen (CA)	-	-	-	-	-	7,397	-	-	-
Pacific Oroville Power Inc (CA)	-	-	-	-	-	12,138	-	-	-
Ultrapower Chinese Station (CA)	-	-	-	-	-	13,737	-	-	-
Pacific West I	**-**	**-**	**-**	**-**	**-**	**227**	**-**	**-**	**-**
Pacific West (CA)	-	-	-	-	-	227	-	-	-
PacifiCorp Power Marketing Inc	**-**	**-**	**26**	**-**	**-**	**-**	**-**	**-**	*
Klamoth Expansion Project (OR)	-	-	26	-	-	-	-	-	*
Palmer Hydroelectric	**-**	**-**	**-**	**28,969**	**-**	**-**	**-**	**-**	**-**
Curtis Palmer Hydroelectric (NY)	-	-	-	28,969	-	-	-	-	-
Panda Energy International Inc	**-**	**-**	**474,533**	**-**	**-**	**-**	**-**	**-**	**3,272**
Lamar (TX)	-	-	474,533	-	-	-	-	-	3,272
Panda-Brandywine LP	**-**	**-**	**48,230**	**-**	**-**	**-**	**-**	**-**	**356**
Panda Brandywine LP (MD)	-	-	48,230	-	-	-	-	-	356
Panda-Rosemary LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Panda Rosemary LP (NC)	-	-	-	-	-	-	-	-	-
Panther Creek Partners	**58,376**	**-**	**-**	**-**	**-**	**-**	**52**	**-**	**-**
Panther Creek (PA)	58,376	-	-	-	-	-	52	-	-
Parkedale Pharmaceuticals Inc	**-**	**-**	**2,043**	**-**	**-**	**-**	**-**	**-**	**32**
Parkedale Pharmaceuticals Inc (MI)	-	-	2,043	-	-	-	-	-	32
Pasadena Cogeneration LP	**-**	**-**	**370,776**	**-**	**-**	**-**	**-**	**-**	**2,750**
Pasadena Cogen (TX)	-	-	370,776	-	-	-	-	-	2,750
Pasco Cogen Ltd	**-**	**-**	**44,848**	**-**	**-**	**-**	**-**	**-**	**362**
Pasco Cogen Ltd (FL)	-	-	44,848	-	-	-	-	-	362
Pasco County	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pasco County Solid Waste Resource	-	-	-	-	-	-	-	-	-
Pawtucket Power Associates LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pawtucket Power Assoc (RI)	-	-	-	-	-	-	-	-	-
PCS Phosphate	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
PCS Phosphate Co Inc Texasgulf (NC)	-	-	-	-	-	-	-	-	-
Pedersen Fleming L	**-**	**-**	**-**	**-**	**-**	**8,107**	**-**	**-**	**-**
Pecos Wind I (TX)	-	-	-	-	-	8,107	-	-	-
Pedricktown Cogeneration LP	**-**	**708**	**2,663**	**-**	**-**	**-**	**-**	**1**	**22**
Pedricktown Cogen (NJ)	-	708	2,663	-	-	-	-	1	22
Peel Glenn W	**-**	**-**	**-**	**-**	**-**	**7,799**	**-**	**-**	**-**
Pecos Wind II (TX)	-	-	-	-	-	7,799	-	-	-
PEI Power Corp	**-**	**-**	**230**	**-**	**-**	**-**	**-**	**-**	**5**
Archbald (PA)	-	-	230	-	-	-	-	-	5
Pekin Paperboard Co LP	**-**	**-**	**870**	**-**	**-**	**-**	**-**	**-**	**34**
Pekin Paperboard Co (IL)	-	-	870	-	-	-	-	-	34
Penobscot Energy Recovery Co	**-**	**431**	**-**	**-**	**-**	**-**	**-**	**1**	**-**
Penobscot Energy Recovery Co (ME)	-	431	-	-	-	-	-	1	-
Penobscot Hydro LLC	**-**	**-**	**-**	**14,028**	**-**	**-**	**-**	**-**	**-**
Ellsworth Hydro (ME)	-	-	-	1,548	-	-	-	-	-
Howland Hydro (ME)	-	-	-	693	-	-	-	-	-
Medway Hydro (ME)	-	-	-	1,970	-	-	-	-	-
Milford Hydro (ME)	-	-	-	4,067	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Stillwater Hydro (ME)	-	-	-	771	-	-	-	-	-
Veazie Hydro Station (ME)	-	-	-	4,979	-	-	-	-	-
Perryville Energy Partners	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Perryville (LA)	-	-	-	-	-	-	-	-	-
Phelps Dodge Corp	**-**	**38**	**329**	**-**	**-**	**-**	**-**	*****	**4**
Chino Mines Co (NM)	-	-	-	-	-	-	-	-	-
Phelps Dodge Cobre Mining Co (NM)	-	-	-	-	-	-	-	-	-
Phelps Dodge Tyrone Inc (NM)	-	38	329	-	-	-	-	*	4
Phillips A C	**-**	**-**	**42,918**	**-**	**-**	**-**	**-**	**-**	**548**
Central Production Facility 1 (AK)	-	-	22,726	-	-	-	-	-	271
Central Production Facility 2 (AK)	-	-	7,957	-	-	-	-	-	111
Central Production Facility 3 (AK)	-	-	12,235	-	-	-	-	-	165
Pierce & Petersen	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pierce (WA)	-	-		-	-	-	-	-	-
Pilgrim Nuclear Power Station	**-**	**-**	**-**	**-**	**480,311**	**-**	**-**	**-**	**-**
Pilgrim Nuclear (MA)	-	-	-	-	480,311	-	-	-	-
PIMA County Wastewater Manage	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
INA Road Water Pollution Control Facility	-	-	-	-	-	-	-	-	-
Pine Bluff Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pine Bluff Energy Center (AR)	-	-	-	-	-	-	-	-	-
Pinellas County Solid Waste	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pinellas County Resource Recovery (FL)	-	-	-	-	-	-	-	-	-
Pinetree Power Fitchburg Inc	**-**	**-**	**-**	**-**	**-**	**6,718**	**-**	**-**	**-**
Pinetree Power Fitchburg Inc (MA)	-	-	-	-	-	6,718	-	-	-
Pinetree Power Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pinetree Power Inc (NH)	-	-	-	-	-		-	-	-
Pinetree Power Tamworth Inc	**-**	**-**	**-**	**-**	**-**	**10,150**	**-**	**-**	**-**
Pinetree Power Tamworth Inc (NH)	-	-	-	-	-	10,150	-	-	-
Pinnacle West Energy	**-**	**-**	**397,532**	**-**	**-**	**-**	**-**	**-**	**3,095**
Redhawk Unit 1 (AZ)	-	-	219,767	-	-	-	-	-	1,706
Redhawk Unit 2 (AZ)	-	-	146,879	-	-	-	-	-	1,131
Saguaro CT3 (AZ)	-	-	1,311	-	-	-	-	-	17
West Phoenix CC4 (AZ)	-	-	29,575	-	-	-	-	-	241
Pittsfield Generating Co LP	**-**	**11**	**113,125**	**-**	**-**	**-**	**-**	*****	**1,004**
Pittsfield Generating Co LP (MA)	-	11	113,125	-	-	-	-	*	1,004
Plains End LLC	**-**	**-**	**11,830**	**-**	**-**	**-**	**-**	**-**	**120**
Plains End (CO)	-	-	11,830	-	-	-	-	-	120
Pleasants Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	*****
Pleasants Energy LLC (WV)	-	-	-	-	-	-	-	-	*
PMCC Leasing Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Greater Detroit Resource Recov (MI)	-	-	-	-	-	-	-	-	-
Polk Power Partners LP	**-**	**-**	**46,233**	**-**	**-**	**-**	**-**	**-**	**349**
Mulberry Cogen (FL)	-	-	46,233	-	-	-	-	-	349
Port Townsend Paper Co	**-**	**1,850**	**-**	**135**	**-**	**2,856**	**-**	**23**	**-**
Port Townsend Paper Corp (WA)	-	1,850	-	135	-	2,856	-	23	-
Portland City of	**-**	**-**	**-**	**358**	**-**	**-**	**-**	**-**	**-**
Ground Water Pumping Station (OR)	-	-	-	-	-	-	-	-	-
Portland Hydro (OR)	-	-	-	358	-	-	-	-	-
Portside Energy Corp	**-**	**-**	**29,214**	**-**	**-**	**-**	**-**	**-**	**379**
Portside Energy (IN)	-	-	29,214	-	-	-	-	-	379

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
POSDEF Power Co LP	**13,217**	**1,375**	**-**	**-**	**-**	**-**	**7**	**1**	**-**
POSDEF Power (CA)	13,217	1,375	-	-	-	-	7	1	-
Potlatch Corp	**-**	**-**	**6,132**	**-**	**-**	**50,977**	**-**	**-**	**510**
Potlatch Corp Arkansas Pulp Paper Board	-	-	6	-	-	9	-	-	289
Potlatch Corp Idaho Pulp Paper Board Div	-	-	6,126	-	-	37,788	-	-	221
Potlatch Corp Minnesota Pulp Paper Board	-	-	-	-	-	-	-	-	-
Potlatch Corp Minnesota Wood Products	-	-	-	-	-	5,989	-	-	-
Potlatch Corp Southern Wood Products	-	-	-	-	-	7,191	-	-	-
Potomac Power Resources	**-**	**421**	**-**	**-**	**-**	**-**	**-**	**3**	**-**
Benning (DC)	-	-457	-	-	-	-	-	-	-
Buzzard Point (DC)	-	878	-	-	-	-	-	3	-
Power City Partners LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Massena (NY)	-	-	-	-	-	-	-	-	-
Power Development Co Inc	**-**	**-**	**132,842**	**-**	**-**	**-**	**-**	**-**	**949**
Berkshire Power (MA)	-	-	132,842	-	-	-	-	-	949
PowerSmith Cogeneratn Proj LP	**-**	**-**	**75,000**	**-**	**-**	**-**	**-**	**-**	**670**
PowerSmith Cogen (OK)	-	-	75,000	-	-	-	-	-	670
PP&L Montana LLC	**1,365,431**	**9,963**	**473**	**233,313**	**-**	**-**	**836**	**5**	**1**
Black Eagle (MT)	-	-	-	9,641	-	-	-	-	-
Cochrane (MT)	-	-	-	16,904	-	-	-	-	-
Colstrip (MT)	1,254,789	9,963	473	-	-	-	766	5	1
Hauser (MT)	-	-	-	9,408	-	-	-	-	-
Holter (MT)	-	-	-	18,534	-	-	-	-	-
J E Corette SES (MT)	110,642	-	-	-	-	-	70	-	-
Kerr (MT)	-	-	-	74,619	-	-	-	-	-
Madison (MT)	-	-	-	5,134	-	-	-	-	-
Morony (MT)	-	-	-	17,313	-	-	-	-	-
Mystic (MT)	-	-	-	3,357	-	-	-	-	-
Rainbow (MT)	-	-	-	17,708	-	-	-	-	-
Ryan (MT)	-	-	-	30,041	-	-	-	-	-
Thompson Falls (MT)	-	-	-	30,654	-	-	-	-	-
PPG Industries Inc	**66,744**	**-**	**262,440**	**-**	**-**	**-**	**45**	**-**	**3,061**
Natrium (WV)	66,744	-	-	-	-	-	45	-	-
Powerhouse A (LA)	-	-	8,476	-	-	-	-	-	154
PPG Powerhouse C (LA)	-	-	209,204	-	-	-	-	-	2,474
PPG Riverside (LA)	-	-	44,760	-	-	-	-	-	433
PPL Corp	**1,244,840**	**30,954**	**21,478**	**58,619**	**1,607,308**	**-**	**1,131**	**64**	**220**
Edgewood Energy LLC (NY)	-	-	12,692	-	-	-	-	-	129
PPL Brunner Island (PA)	870,082	603	-	-	-	-	336	2	-
PPL Holtwood LLC-Wallenpaupak (PA)	-	-	-	56,378	-	-	-	-	-
PPL Holtwood, LLC (PA)	-	-	-	2,241	-	-	-	-	-
PPL Martin Creek LLC -Harwood (PA)	-	-	-	-	-	-	-	-	-
PPL Martin Creek LLC- Williamsport (PA)	-	28	-	-	-	-	-	*	-
PPL Martin Creek LLC-West Shore (PA)	-	-	-	-	-	-	-	-	-
PPL Martins Creek LLC (PA)	95,361	23,806	1,386	-	-	-	52	51	12
PPL Martins Creek LLC- Lock Haven (PA)	-	-	-	-	-	-	-	-	-
PPL Martins Creek LLC-Allentown (PA)	-	-	-	-	-	-	-	-	-
PPL Martins Creek LLC-Harrisbury (PA)	-	5	-	-	-	-	-	*	-
PPL Martins Creek, LLC - Fishbach (PA)	-	5	-	-	-	-	-	*	-
PPL Martins Creek, LLC - Harwood (PA)	-	-	-	-	-	-	-	-	-
PPL Montour (PA)	279,397	6,336	-	-	-	-	744	10	-
PPL Susquehanna LLC (PA)	-	-	-	-	1,607,308	-	-	-	-
PPL Wallingford Energy,LLC (CT)	-	-	6,307	-	-	-	-	-	67
Shoreham Energy LLC (NY)	-	171	-	-	-	-	-	*	-
Sundance Energy LLC (AZ)	-	-	-	-	-	-	-	-	-
University Park Power Project (IL)	-	-	1,093	-	-	-	-	-	13
Premcor Refining Group Inc	**-**	**-**	**31,105**	**-**	**-**	**-**	**-**	**-**	**1,045**
Port Arthur Refinery (TX)	-	-	31,105	-	-	-	-	-	1,045
Primary Childrens Medical Cntr	**-**	**-**	**19**	**-**	**-**	**-**	**-**	**-**	*

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Primary Childrens Medical Ctr (UT)	-	-	19	-	-	-	-	-	*
Primary Power International	**-**	**-**	**-**	**-**	**-**	**12,241**	**-**	**-**	**-**
Lyonsdale Power Co LLC (NY)	-	-	-	-	-	12,241	-	-	-
Prime Energy LP	**-**	**216**	**10,056**	**-**	**-**	**-**	**-**	*****	**438**
Prime Energy LP (NJ)	-	216	10,056	-	-	-	-	*	438
Procter & Gamble Co	**-**	**-**	**66,271**	**-**	**-**	**-**	**-**	**-**	**801**
Mehoopany (PA)	-	-	36,340	-	-	-	-	-	387
Oxnard (CA)	-	-	29,931	-	-	-	-	-	414
Project Orange Associates LP	**-**	**-**	**5,414**	**-**	**-**	**-**	**-**	**-**	**154**
Project Orange Assoc (NY)	-	-	5,414	-	-	-	-	-	154
Propiertors of Susquenhana Cnl	**-**	**6,825**	**340**	**-**	**-**	**-**	**-**	**7**	**5**
DeSoto County Power (FL)	-	6,297	204	-	-	-	-	5	1
Effingham Co Project (GA)	-	-	-	-	-	-	-	-	-
MPC Generating (GA)	-	-	-	-	-	-	-	-	-
Rowan (NC)	-	528	136	-	-	-	-	2	4
Walton County Power (GA)	-	-	-	-	-	-	-	-	-
Washingon County Power (GA)	-	-	-	-	-	-	-	-	-
PSEG Nuclear LLC	**-**	**-5**	**-**	**-**	**2,156,370**	**-**	**-**	*****	**-**
Hope Creek (NJ)	-	-	-	-	771,830	-	-	-	-
Salem Unit 1 & 2 (NJ)	-	-5	-	-	1,384,540	-	-	*	-
PSEG Power LLC	**529,157**	**-1,035**	**315,094**	**-**	**-**	**-**	**212**	**1**	**3,050**
Albany (NY)	-	-	611	-	-	-	-	-	9
Bayonne (NJ)	-	-16	-	-	-	-	-	-	-
Bergen (NJ)	-	267	227,357	-	-	-	-	*	2,180
Burlington (NJ)	-	5	10,210	-	-	-	-	*	96
Edison (NJ)	-	12	1,077	-	-	-	-	*	12
Essex (NJ)	-	147	7,596	-	-	-	-	*	78
Hudson (NJ)	265,789	-	23,680	-	-	-	113	-	271
Kearny (NJ)	-	-721	4,115	-	-	-	-	-	33
Linden (NJ)	-	-629	23,757	-	-	-	-	-	200
Mercer (NJ)	263,368	-	14,223	-	-	-	100	-	137
Sewaren (NJ)	-	-100	2,468	-	-	-	-	-	34
Purdue University	**9,274**	**2**	**251**	**-**	**-**	**-**	**13**	*****	**8**
Purdue University (IN)	9,274	2	251	-	-	-	13	*	8
Questar Gas Management Co	**-**	**1**	**356**	**-**	**-**	**-**	**-**	*****	**3**
Blacks Fork Gas Processing Plant (WY)	-	1	356	-	-	-	-	*	3
Questar Pipeline Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Kendall County Generation Facility (IL)	-	-		-	-	-	-	-	-
R J Reynolds Tobacco Co	**14,004**	**86**	**-**	**-**	**-**	**-**	**12**	**1**	**-**
Tobaccoville (NC)	14,004	86	-	-	-	-	12	1	-
RAMCO Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Chula Vista Power Plant (CA)	-	-	-	-	-	-	-	-	-
Rathdrum Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Rathdrum (NC)	-	-		-	-	-	-	-	-
Rayonier Inc	**-**	**7,269**	**1,795**	**-**	**-**	**46,185**	**-**	**68**	**90**
Rayonier Fernandina Mill (FL)	-	1,747	-	-	-	12,365	-	24	-
Rayonier Jesup Mill (GA)	-	5,522	1,795	-	-	33,820	-	44	90
Regional Waste Systems	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Regional Waste Systems GPRRP (ME)	-	-	-	-	-	-	-	-	-
Reliance Energy Power Gen Inc	**-**	**-**	**60,190**	**-**	**-**	**-**	**-**	**-**	**755**
Sabine Cogen (TX)	-	-	60,190	-	-	-	-	-	755
Reliant Energy Coolwater LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Coolwater (CA)	-	-		-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Ellwood (CA)	-	-		-	-	-	-	-	-
Etiwanda (CA)	-	-		-	-	-	-	-	-
Mandalay (CA)	-	-		-	-	-	-	-	-
Ormond Beach (CA)	-	-		-	-	-	-	-	-
Reliant Energy Desert Basin LP	**-**	**-**	**298,505**	**-**	**-**	**-**	**-**	**-**	**2,105**
Desert Basin (AZ)	-	-	298,505	-	-	-	-	-	2,105
Reliant Energy Indian Rvr LLC	**-**	**24,876**	**44,184**	**-**	**-**	**-**	**-**	**48**	**522**
Reliant Energy Indian River (FL)	-	24,876	44,184	-	-	-	-	48	522
Reliant Energy Oseola LLC	**-**	**857**	**16,052**	**-**	**-**	**-**	**-**	**2**	**184**
Reliant Energy Osceola (FL)	-	857	16,052	-	-	-	-	2	184
Reliant Energy Power Gen Inc	**-**	**-**	**435,673**	**-**	**-**	**-**	**-**	**-**	**4,351**
Channelview (TX)	-	-	435,673	-	-	-	-	-	4,351
Reliant Energy Aurora (TX)	-	-	-	-	-	-	-	-	-
Reliant Energy Shelby County (IL)	-	-	-	-	-	-	-	-	-
Renaissance Power LLC	**-**	**-**	**8,731**	**-**	**-**	**-**	**-**	**-**	**93**
Renaissance Power LLC (MI)	-	-	8,731	-	-	-	-	-	93
Resource Technology Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Biodyne Pontiac (IL)	-	-	-	-	-	-	-	-	-
Biodyne Beecher (IL)	-	-	-	-	-		-	-	-
Biodyne Congress (IL)	-	-	-	-	-		-	-	-
Biodyne Lansing (IL)	-	-	-	-	-	-	-	-	-
Biodyne Lyons (IL)	-	-	-	-	-	-	-	-	-
Biodyne Peoria (IL)	-	-	-	-	-	-	-	-	-
Biodyne Springfield (IL)	-	-	-	-	-	-	-	-	-
Shelton Landfill Gas Recovery Elect Gen	-	-	-	-	-	-	-	-	-
Rhodia Inc	**-**	**-**	**316**	**-**	**-**	**-**	**-**	**-**	**5**
Martinez Regen Sulfuric Acid (CA)	-	-	316	-	-	-	-	-	5
Ridge Generating Station LP	**-**	**-**	**-**	**-**	**-**	**14,059**	**-**	**-**	**-**
Ridge (FL)	-	-	-	-	-	14,059	-	-	-
Ridgetop Energy LLC	**-**	**-**	**-**	**-**	**-**	**8,517**	**-**	**-**	**-**
Ridgetop Energy LLC (CA)	-	-	-	-	-	8,517	-	-	-
Ridgetop Energy LLC II	**-**	**-**	**-**	**-**	**-**	**2,193**	**-**	**-**	**-**
Ridgetop Energy LLC II (CA)	-	-	-	-	-	2,193	-	-	-
Ridgewood Providence Power PLP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Ridgewood Providence (RI)	-	-	-	-	-	-	-	-	-
Rigatti E R	**-**	**-**	**-**	**-**	**-**	**4,853**	**-**	**-**	**-**
Peetz Table Wind Farm (CO)	-	-	-	-	-	4,853	-	-	-
Rio Bravo Fresno	**-**	**-**	**1**	**-**	**-**	**13,358**	**-**	**-**	*
Rio Bravo Fresno (CA)	-	-	1	-	-	13,358	-	-	*
Rio Bravo Poso	**12,390**	**12,557**	**180**	**-**	**-**	**-**	**6**	**5**	**1**
Rio Bravo Poso (CA)	12,390	12,557	180	-	-	-	6	5	1
Rio Bravo Rocklin	**-**	**-**	**388**	**-**	**-**	**16,049**	**-**	**-**	**5**
Rio Bravo Rocklin (CA)	-	-	388	-	-	16,049	-	-	5
Rio Nogales Power Project LP	**-**	**-**	**19,716**	**-**	**-**	**-**	**-**	**-**	**155**
Rio Nogales Power Project (TX)	-	-	19,716	-	-	-	-	-	155
Ripon Cogeneration Inc-Ripon	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Ripon Mill (CA)	-	-		-	-	-	-	-	-
Riverside Canal Power Co Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Riverside Canal Power Co (CA)	-	-	-	-	-	-	-	-	-
Riverside Generating Co LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**
Riverside Generating Co LLC (KY)	-	-	-	-	-	-	-	-	1

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Riverwood International Corp	**-**	**-**	**11,552**	**-**	**-**	**18,229**	**-**	**-**	**478**
Plant 31 Paper Mill (LA)	-	-	11,552	-	-	18,229	-	-	478
Riverwood Internatl USA Inc	**2,530**	**1,938**	**1,202**	**-**	**-**	**18,801**	**4**	**14**	**50**
Riverwood International USA Inc (GA)	2,530	1,938	1,202	-	-	18,801	4	14	50
Roche Vitamins	**-**	**-**	**27,933**	**-**	**-**	**-**	**-**	**-**	**513**
Roche Vitamins Inc (NJ)	-	-	27,933	-	-	-	-	-	513
RockGen Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**
Rockgen Energy LLC (IL)	-	-	-	-	-	-	-	-	1
Rockingham Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Rockingham Power LLC (NC)	-	-	-	-	-	-	-	-	-
Rocky Road Power LLC	**-**	**-**	**2,529**	**-**	**-**	**-**	**-**	**-**	**30**
Rocky Road Power LLC (IL)	-	-	2,529	-	-	-	-	-	30
Rolls Royce Corp	**-**	**-**	**86**	**-**	**-**	**2,307**	**-**	**-**	**1**
Rolls Royce Corp (IN)	-	-	86	-	-	2,307	-	-	1
Roseburg Forest Products Co	**-**	**-**	**9,481**	**-**	**-**	**7,665**	**-**	**-**	**217**
Dillard Complex (OR)	-	-	9,481	-	-	7,665	-	-	217
RS Cogen	**-**	**-**	**74,510**	**-**	**-**	**-**	**-**	**-**	**808**
RS Cogen (LA)	-	-	74,510	-	-	-	-	-	808
Rumford Power Associates LP	**-**	**-**	**167,620**	**-**	**-**	**-**	**-**	**-**	**1,201**
Rumford Power Associates (MA)	-	-	167,620	-	-	-	-	-	1,201
Ryegate Associates	**-**	**-**	**-**	**-**	**-**	**14,918**	**-**	**-**	**-**
Ryegate (VT)	-	-	-	-	-	14,918	-	-	-
S D Warren Co	**17,823**	**4,047**	**521**	**312**	**-**	**19,810**	**20**	**15**	**15**
S D Warren Co 1 Muskegon (MI)	13,013	111	521	-	-	8,445	15	1	15
S D Warren Co 2 (ME)	4,810	3,936	-	312	-	11,365	4	14	-
S&L Cogeneration Co	**-**	**-**	**27,677**	**-**	**-**	**-**	**-**	**-**	**340**
S&L Cogen (TX)	-	-	27,677	-	-	-	-	-	340
Saguaro Power Co	**-**	**-**	**64,799**	**-**	**-**	**-**	**-**	**-**	**655**
Saguaro Power Co (NV)	-	-	64,799	-	-	-	-	-	655
Salton Sea 4/Fish Lake Pwr Gen	**-**	**-**	**-**	**-**	**-**	**30,371**	**-**	**-**	**-**
Salton Sea Unit 4 (CA)	-	-	-	-	-	30,371	-	-	-
Salton Sea Power Generatn LP 1	**-**	**-**	**-**	**-**	**-**	**6,592**	**-**	**-**	**-**
Salton Sea Unit 1 (CA)	-	-	-	-	-	6,592	-	-	-
Salton Sea Power Generatn LP 2	**-**	**-**	**-**	**-**	**-**	**4,331**	**-**	**-**	**-**
Salton Sea Unit 2 (CA)	-	-	-	-	-	4,331	-	-	-
Salton Sea Power Generatn LP 3	**-**	**-**	**-**	**-**	**-**	**34,166**	**-**	**-**	**-**
Salton Sea Unit 3 (CA)	-	-	-	-	-	34,166	-	-	-
San Diego City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Gas Utilization (CA)	-	-	-	-	-		-	-	-
San Gorgonio Wind Farms Inc	**-**	**-**	**-**	**-**	**-**	**3,208**	**-**	**-**	**-**
San Gorgonio Farms Wind Energy (CA)	-	-	-	-	-	3,208	-	-	-
San Joaquin Cogen Ltd	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
San Joaquin Cogen (CA)	-	-		-	-	-	-	-	-
Santa Fe Snyder Oil Corp	**-**	**-**	**3,315**	**-**	**-**	**-**	**-**	**-**	**36**
Beaver Creek Gas Plant (WY)	-	-	3,315	-	-	-	-	-	36
SAPPI	**-**	**15,459**	**-**	**-**	**-**	**57,180**	**-**	**70**	**-**
Somerset (ME)	-	15,459	-	-	-	57,180	-	70	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Saranac Power Partners LP	**-**	**-**	**168,729**	**-**	**-**	**-**	**-**	**-**	**1,433**
Saranac (NY)	-	-	168,729	-	-	-	-	-	1,433
Schuylkill Energy Resource Inc	**67,070**	**-**	**-**	**-**	**-**	**-**	**113**	**-**	**-**
St Nicholas Cogen (PA)	67,070	-	-	-	-	-	113	-	-
Scott Wood Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Scott Wood Inc 2 (VA)	-	-	-	-	-		-	-	-
Scrubgrass Generating Co LP	**54,470**	**-**	**-**	**-**	**-**	**-**	**54**	**-**	**-**
Scrubgrass (PA)	54,470	-	-	-	-	-	54	-	-
SDS Lumber Co	**-**	**-**	**-**	**-**	**-**	**716**	**-**	**-**	**-**
Gorge Energy Div SDS Lumber Co (WA)	-	-	-	-	-	716	-	-	-
Seawest Windpower Inc	**-**	**-**	**-**	**-**	**-**	**8,289**	**-**	**-**	**-**
Altech III (CA)	-	-	-	-	-	1,158	-	-	-
Condon Windpower (OR)	-	-	-	-	-	7,131	-	-	-
Second Imperial Geothermal Co	**-**	**-**	**-**	**-**	**-**	**25,938**	**-**	**-**	**-**
Second Imperial Geothermal Co SIGC Plant	-	-	-	-	-	25,938	-	-	-
SEI Wisconsin LLC	**-**	**166**	**569**	**-**	**-**	**-**	**-**	*****	**7**
Mirant Neenah (IN)	-	166	569	-	-	-	-	*	7
Selkirk Cogen Partners LP	**-**	**-**	**242,803**	**-**	**-**	**-**	**-**	**-**	**2,106**
Selkirk Cogen Partners LP (NY)	-	-	242,803	-	-	-	-	-	2,106
SEMASS Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SEMASS Resource Recovery (MA)	-	-	-	-	-	-	-	-	-
Sempra Energy Resources	**212,269**	**-**	**5,036**	**-**	**-**	**-**	**180**	**-**	**56**
Twin Oaks Power (TX)	212,269	-	5,036	-	-	-	180	-	56
Seneca Energy	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Seneca Energy (NY)	-	-	-	-	-	-	-	-	-
Seneca Power Partners LP	**-**	**5**	**3,035**	**-**	**-**	**-**	**-**	*****	**26**
Seneca Power Partners LP (NY)	-	5	3,035	-	-	-	-	*	26
SERRF Joint Powers Authority	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Southeast Resource Recovery (CA)	-	-	-	-	-	-	-	-	-
SF Phosphates Ltd Co	**-**	**-**	**1,796**	**-**	**-**	**-**	**-**	**-**	**20**
SF Phosphates Ltd Co (WY)	-	-	1,796	-	-	-	-	-	20
Shady Hills Power Co LLC	**-**	**-**	**17,335**	**-**	**-**	**-**	**-**	**-**	**181**
Shady Hills Generating Station (FL)	-	-	17,335	-	-	-	-	-	181
Shawmut Bank	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
American Ref Fuel Co of Delaware Valley	-	-	-	-	-	-	-	-	-
Shell Oil Co-Deer Park	**-**	**-**	**146,124**	**-**	**-**	**-**	**-**	**-**	**3,509**
Shell Deer Park (TX)	-	-	146,124	-	-	-	-	-	3,509
Shelton George H	**-**	**-**	**-**	**-**	**-**	**18,186**	**-**	**-**	**-**
Rock River I LLC (WY)	-	-	-	-	-	18,186	-	-	-
Sierra Pacific Industries Inc	**-**	**-**	**-**	**-**	**-**	**43,949**	**-**	**-**	**-**
Burney (CA)	-	-	-	-	-	8,543	-	-	-
Loyalton (CA)	-	-	-	-	-	7,981	-	-	-
Quincy (CA)	-	-	-	-	-	15,184	-	-	-
Sonora Facility (CA)	-	-	-	-	-	3,380	-	-	-
Susanville (CA)	-	-	-	-	-	8,861	-	-	-
Simplot Leasing Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Don (ID)	-	-	-	-	-	-	-	-	-
Simpson Paper Co	**-**	**-**	**-**	**1,558**	**-**	**-**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Gilman Mill (VT)	-	-	-	1,558	-	-	-	-	-
Sinclair Oil Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Sinclair Oil Refinery (WY)	-	-	-	-	-	-	-	-	-
Sithe New England Holdings LLC	**-**	**56,051**	**88,932**	**-**	**-**	**-**	**-**	**105**	**992**
Sithe Edgar LLC (MA)	-	-	-	-	-	-	-	-	-
Sithe Fore River (MA)	-	-	-	-	-	-	-	-	-
Sithe Framingham LLC (MA)	-	11	-	-	-	-	-	*	-
Sithe Medway LLC (MA)	-	-	-	-	-	-	-	*	-
Sithe Mystic LLC (MA)	-	56,023	17,274	-	-	-	-	105	199
Sithe New Boston LLC (MA)	-	17	71,658	-	-	-	-	*	793
Sithe New Jersey Holdings LLC	**2,515,024**	**6,793**	**37,004**	**7,974**	**-**	**-**	**996**	**15**	**477**
Blossburg (PA)	-	-	1,074	-	-	-	-	-	26
Conemaugh (PA)	805,799	575	7,401	-	-	-	310	1	69
Deep Creek (MD)	-	-	-	3,625	-	-	-	-	-
Gilbert (NJ)	-	1,825	1,412	-	-	-	-	4	33
Glenn Gardner (NJ)	-	3	1,505	-	-	-	-	*	24
Hamilton (PA)	-	94	-	-	-	-	-	*	-
Hunterstown (PA)	-	-	326	-	-	-	-	-	5
Keystone (PA)	1,185,343	25	-	-	-	-	458	*	-
Mountain (PA)	-	-	198	-	-	-	-	-	3
Ortanna (PA)	-	116	-	-	-	-	-	*	-
Piney (PA)	-	-	-	4,349	-	-	-	-	-
Portland (PA)	144,036	2,670	13	-	-	-	61	6	*
Sayreville (NJ)	-	-310	-206	-	-	-	-	*	1
Seward (PA)	62,064	377	-	-	-	-	28	1	-
Shawnee (PA)	-	-	-	-	-	-	-	-	-
Shawville (PA)	252,611	1,373	-	-	-	-	111	3	-
Titus (PA)	65,171	245	-	-	-	-	29	*	-
Tolna (PA)	-	-	-	-	-	-	-	-	-
Warren (PA)	-	-	25,281	-	-	-	-	-	316
Wayne (PA)	-	9	-	-	-	-	-	*	-
Werner (NJ)	-	-209	-	-	-	-	-	-	-
Sithe/Independence Pwr Part LP	**-**	**-**	**394,261**	**-**	**-**	**-**	**-**	**-**	**2,888**
Sithe Independence Station (NY)	-	-	394,261	-	-	-	-	-	2,888
Sky River Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Sky River Partnership (CA)	-	-	-	-	-		-	-	-
Sloss Industries Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Sloss Industries Corp (AL)	-	-	-	-	-	-	-	-	-
Smith Falls Hydropower	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Smith Falls Hydro (ID)	-	-	-		-	-	-	-	-
Soda Lake Ltd Partnership	**-**	**-**	**-**	**-**	**-**	**6,902**	**-**	**-**	**-**
Soda Lake Geothermal No I II (NV)	-	-	-	-	-	6,902	-	-	-
Solid Waste Auth of Palm Beach	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
North County Regional Resource Recovery	-	-	-	-	-	-	-	-	-
Solutia Inc-Indian	**2,015**	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**-**
Indian Orchard 1 (MA)	2,015	-	-	-	-	-	3	-	-
Sonoco Products Inc	**-**	**-**	**-**	**-**	**-**	**2,544**	**-**	**-**	**-**
Somerset Windpower (PA)	-	-	-	-	-	2,544	-	-	-
South Eastern Elec Devel Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
So Eastern Electric Development Corp Lee	-	-		-	-	-	-	-	-
Southeast Missouri State Univ	**-**	**-**	**23**	**-**	**-**	**-**	**-**	**-**	*
Southeast Missouri State Univ (MO)	-	-	23	-	-	-	-	-	*
Southeast Paper Mfg Co Inc	**4,709**	**592**	**3,823**	**-**	**-**	**8,537**	**5**	**1**	**29**
SP Newsprint Co (GA)	4,709	592	3,823	-	-	8,537	5	1	29
Southern Calif Sunbelt Devel	**-**	**-**	**-**	**-**	**-**	**411**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Edom Hill (CA)	-	-	-	-	-	411	-	-	-
Southern Co Services Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Dahlberg (GA)	-	-	-	-	-	-	-	-	-
Franklin (AL)	-	-		-	-	-	-	-	-
Wansley CC (GA)	-	-		-	-	-	-	-	-
Southern Energy Co	**-**	**16,438**	**510,630**	**-**	**-**	**-**	**-**	**37**	**5,304**
Contra Costa (CA)	-	-	78,597	-	-	-	-	-	806
Pittsburg (CA)	-	-	351,013	-	-	-	-	-	3,717
Potrero (CA)	-	16,438	81,020	-	-	-	-	37	781
Southern Energy New York	**191,766**	**95,886**	**91,500**	**9,180**	**-**	**-**	**81**	**161**	**955**
Bowline Point (NY)	-	95,906	70,704	-	-	-	-	161	733
Grahamsville (NY)	-	-	-	3,452	-	-	-	-	-
Hillburn (NY)	-	16	30	-	-	-	-	*	2
Lovett (NY)	191,766	-	20,766	-	-	-	81	-	220
Mongaup (NY)	-	-	-	1,237	-	-	-	-	-
Rio (NY)	-	-	-	2,911	-	-	-	-	-
Shoemaker (NY)	-	-36	-	-	-	-	-	-	-
Swinging Bridge 2 (NY)	-	-	-	385	-	-	-	-	-
Swinging Bridge I (NY)	-	-	-	1,195	-	-	-	-	-
Southern Energy Wichita Falls	**-**	**-**	**21,475**	**-**	**-**	**-**	**-**	**-**	**186**
Mirant Wichita Fall LP (TX)	-	-	21,475	-	-	-	-	-	186
Spokane City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Spokane (WA)	-	-	-	-	-	-	-	-	-
Springfield Water & Sewer Comm	**95,579**	**92**	**-**	**-**	**-**	**-**	**40**	*	**-**
MT Tom (MA)	95,579	92	-	-	-	-	40	*	-
SRW Cogeneration LP	**-**	**-**	**249,074**	**-**	**-**	**-**	**-**	**-**	**2,479**
SRW Cogen (TX)	-	-	249,074	-	-	-	-	-	2,479
St Laurent Paper Products Co	**12,851**	**4,807**	**-**	**-**	**-**	**34,271**	**10**	**21**	**-**
St Laurent Paper Products Corp (VA)	12,851	4,807	-	-	-	34,271	10	21	-
Star Enterprises	**-**	**15,130**	**18,335**	**-**	**-**	**-**	**-**	**84**	**661**
Delaware City (DE)	-	15,130	18,335	-	-	-	-	84	661
Star Group IE Geothermal Partn	**-**	**-**	**-**	**-**	**-**	**5,861**	**-**	**-**	**-**
Ormesa 1 (CA)	-	-	-	-	-	5,861	-	-	-
Star Group Stillwater I	**-**	**-**	**-**	**-**	**-**	**3,252**	**-**	**-**	**-**
Stillwater (NV)	-	-	-	-	-	3,252	-	-	-
State Farm Mutual Auto Ins Co	**-**	**14**	**-**	**-**	**-**	**-**	**-**	*	**-**
State Farm Ins Co ISC Central (TX)	-	-	-	-	-	-	-	*	-
State Farm Insurance Co ISC East (GA)	-	14	-	-	-	-	-	*	-
State Line Energy LLC	**208,664**	**-**	**-**	**-**	**-**	**-**	**106**	**-**	**-**
State Line Energy (IN)	208,664	-	-	-	-	-	106	-	-
State of Wisconsin	**503**	**5**	**322**	**-**	**-**	**21**	**1**	*	**22**
Capitol Heat and Power (WI)	77	5	322	-	-	-	*	*	22
Waupun Correctional Inst Cntr (WI)	426	-	-	-	-	21	1	-	-
State Street Bank & Trust Co	**-**	**-**	**547,798**	**-**	**-**	**-**	**-**	**-**	**4,961**
Midland Cogen (MI)	-	-	547,798	-	-	-	-	-	4,961
Steamboat Development Corp	**-**	**-**	**-**	**-**	**-**	**18,479**	**-**	**-**	**-**
Steamboat II (NV)	-	-	-	-	-	8,745	-	-	-
Steamboat III (NV)	-	-	-	-	-	9,734	-	-	-
Stockton Cogen Co	**16,914**	**14,586**	**-**	**-**	**-**	**2,675**	**10**	**7**	**-**
Stockton Cogen Co (CA)	16,914	14,586	-	-	-	2,675	10	7	-
Stone Container Corp	**28,171**	**11,120**	**2,428**	**-**	**-**	**69,029**	**28**	**59**	**138**
Coshocton Mill (OH)	-	-	1,605	-	-	6,030	-	-	58

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Hodge Louisiana (LA)	-	-	-	-	-	-	-	-	-
Panama City Mill (FL)	800	1,588	211	-	-	7,859	3	26	21
Stone Container Corp Florence Mill (SC)	20,712	8,793	120	-	-	28,757	17	29	2
Stone Container Corp Hopewell Mill (VA)	6,659	739	-	-	-	20,330	8	3	-
Stone Container Corp Missoula Mill (MT)	-	-	492	-	-	6,053	-	-	56
Storm Lake Power PartnerII LLC	**-**	**-**	**-**	**-**	**-**	**17,239**	**-**	**-**	**-**
Storm Lake II (IA)	-	-	-	-	-	17,239	-	-	-
Sumas Cogeneration Co LP	**-**	**-**	**92,865**	**-**	**-**	**-**	**-**	**-**	**730**
Sumas Cogen (WA)	-	-	92,865	-	-	-	-	-	730
Sumpter Energy Associates	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Sumpter Energy Assoc (MI)	-	-	-	-	-	-	-	-	-
Sunbury Generation LLC	**84,613**	**-**	**-**	**-**	**-**	**-**	**73**	**-**	**-**
Sunbury Generation LLC (PA)	84,613	-	-	-	-	-	73	-	-
Sunnyside Cogeneration Assoc	**31,895**	**-**	**-**	**-**	**-**	**-**	**40**	**-**	**-**
Sunnyside Cogen Assoc (UT)	31,895	-	-	-	-	-	40	-	-
Sunray Energy Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SEGS I (CA)	-	-	-	-	-	-	-	-	-
Sunrise Cogeneration&Power Co	**-**	**-**	**37,154**	**-**	**-**	**-**	**-**	**-**	**378**
Sunrise Power Co LLC (CA)	-	-	37,154	-	-	-	-	-	378
Sweeny Cogeneration LP	**-**	**-**	**278,274**	**-**	**-**	**-**	**-**	**-**	**3,437**
Sweeny Cogen (TX)	-	-	278,274	-	-	-	-	-	3,437
Sycamore Cogeneration Co	**-**	**-**	**223,563**	**-**	**-**	**-**	**-**	**-**	**2,622**
Sycamore Cogen (CA)	-	-	223,563	-	-	-	-	-	2,622
Tampa City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
McKay Bay (FL)	-	-	-	-	-	-	-	-	-
Tampa Dept of Sanitary Sewers	**-**	**-**	**-**	**-**	**-**	**1,029**	**-**	**-**	**-**
Howard F Curren AWT (FL)	-	-	-	-	-	1,029	-	-	-
Tapoco Inc	**-**	**-**	**-**	**151,733**	**-**	**-**	**-**	**-**	**-**
Calderwood (TN)	-	-	-	62,501	-	-	-	-	-
Cheoah (NC)	-	-	-	54,194	-	-	-	-	-
Chilhowee (TN)	-	-	-	18,469	-	-	-	-	-
Santeetlah (NC)	-	-	-	16,569	-	-	-	-	-
Temple-Inland Forest Prod Corp	**-**	**-**	**1,788**	**-**	**-**	**42,900**	**-**	**-**	**50**
Westvaco-Texas (TX)	-	-	1,788	-	-	42,900	-	-	50
Tenaska Alabama Partners LP	**-**	**1,616**	**2,696**	**-**	**-**	**-**	**-**	**4**	**41**
Tenaska Lindsay Hill Generating Station	-	1,616	2,696	-	-	-	-	4	41
Tenaska Frontier Partners Ltd	**-**	**1,263**	**237,205**	**-**	**-**	**-**	**-**	**2**	**1,719**
Tenaska Frontier (TX)	-	1,263	237,205	-	-	-	-	2	1,719
Tenaska Gateway Partners Ltd	**-**	**-**	**436,826**	**-**	**-**	**-**	**-**	**-**	**3,148**
Tenaska Gateway (TX)	-	-	436,826	-	-	-	-	-	3,148
Tenaska Georgia Partners LP	**-**	**279**	**108**	**-**	**-**	**-**	**-**	**1**	**2**
Tenaska Georgia Generation Facility (GA)	-	279	108	-	-	-	-	1	2
Tenaska III Inc	**-**	**153**	**132,575**	**-**	**-**	**-**	**-**	*****	**1,117**
Tenaska III Texas Partners (TX)	-	153	132,575	-	-	-	-	*	1,117
Tenaska IV Texas Partners Ltd	**-**	**-**	**75,533**	**-**	**-**	**-**	**-**	**-**	**584**
Ponderosa Pine Energy Ptrs (TX)	-	-	75,533	-	-	-	-	-	584
Tenaska Washington Inc	**-**	**68,686**	**68,670**	**-**	**-**	**-**	**-**	**197**	**1,114**
Tenaska Washington Partners LP (WA)	-	68,686	68,670	-	-	-	-	197	1,114
Tenneco Packaging	**8,311**	**1,386**	**2,114**	**1,841**	**-**	**28,957**	**19**	**13**	**119**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Packaging Corp of America Tomahawk	4,988	38	541	1,841	-	3,922	11	*	29
Packaging Corp of America (TN)	3,323	1,348	1,573	-	-	25,035	8	12	89
Tennessee Eastman Co	**100,620**	**-**	**499**	**-**	**-**	**4,796**	**122**	**-**	**46**
Tennessee Eastman Ops (TN)	100,620	-	499	-	-	4,796	122	-	46
TES Filer City Station LP	**3,982**	**-**	**-**	**-**	**-**	**334**	**20**	**-**	**-**
TES Filer City (MI)	3,982	-	-	-	-	334	20	-	-
Thermal Energy Dev Partner L/P	**-**	**-**	**-**	**-**	**-**	**12,749**	**-**	**-**	**-**
Tracy Biomass (CA)	-	-	-	-	-	12,749	-	-	-
Thermo Cogeneration Partner LP	**-**	**-**	**76,013**	**-**	**-**	**-**	**-**	**-**	**710**
TCP 122 (CO)	-	-	76,013	-	-	-	-	-	710
TCP 150 (CO)	-	-	-	-	-	-	-	-	-
Thermo Power & Electric Inc	**-**	**-**	**55,145**	**-**	**-**	**-**	**-**	**-**	**381**
Thermo Power Electric Inc (CO)	-	-	55,145	-	-	-	-	-	381
Thomson Corp	**-**	**4**	**-**	**-**	**-**	**-**	**-**	*****	**-**
West Group Generator Building (MN)	-	4	-	-	-	-	-	*	-
TIFD VIII-W Inc	**74,182**	**-**	**-**	**-**	**-**	**-**	**61**	**-**	**-**
Colver (PA)	74,182	-	-	-	-	-	61	-	-
Timber Energy Resources Inc	**-**	**-**	**-**	**-**	**-**	**6,048**	**-**	**-**	**-**
Timber Energy Resources Inc (FL)	-	-	-	-	-	6,048	-	-	-
Tiverton Power Associates LP	**-**	**-**	**162,716**	**-**	**-**	**-**	**-**	**-**	**1,106**
Calpine Tiverton Power (RI)	-	-	162,716	-	-	-	-	-	1,106
Tomen Power Corp	**-**	**-**	**-**	**-**	**-**	**3,320**	**-**	**-**	**-**
Viking Windfarm II (CA)	-	-	-	-	-	3,320	-	-	-
Tosco Corp-Wilmington	**-**	**-**	**33,680**	**-**	**-**	**-**	**-**	**-**	**290**
Los Angeles Refinery Wilmingto (CA)	-	-	33,680	-	-	-	-	-	290
TPC 3/5 Inc	**-**	**-**	**-**	**-**	**-**	**5,745**	**-**	**-**	**-**
Mojave 3 (CA)	-	-	-	-	-	2,856	-	-	-
Mojave 5 (CA)	-	-	-	-	-	2,889	-	-	-
TPC 4 Inc	**-**	**-**	**-**	**-**	**-**	**2,600**	**-**	**-**	**-**
Mojave 4 (CA)	-	-	-	-	-	2,600	-	-	-
Transalta Centralia Mining LLC	**962,889**	**421**	**29,990**	**-**	**-**	**-**	**644**	**1**	**245**
Transalta Centralia (WA)	962,889	421	29,990	-	-	-	644	1	245
Tri-Cities	**-**	**-**	**-**	**-**	**-**	**38,323**	**-**	**-**	**-**
Trent Mesa Wind Project (TX)	-	-	-	-	-	38,323	-	-	-
Trigen-Cinergy Sol-Tuscola LLC	**6,562**	**-**	**397**	**-**	**-**	**-**	**15**	**-**	**17**
Tuscola (IL)	6,562	-	397	-	-	-	15	-	17
Trigen-Nassau Energy Corp	**-**	**-**	**34,846**	**-**	**-**	**-**	**-**	**-**	**335**
Trigen Nassau (NY)	-	-	34,846	-	-	-	-	-	335
Trigen-Philadelphia Engy Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Schuylkill Station Turbine (PA)	-	-	-	-	-	-	-	-	-
Tri-State Power LLC	**-**	**-**	**762**	**-**	**-**	**-**	**-**	**-**	**9**
Brighton Generating Station (CO)	-	-	288	-	-	-	-	-	3
Limon Generating Station (CO)	-	-	474	-	-	-	-	-	6
Tropicana Products Inc	**-**	**-**	**26,374**	**-**	**-**	**-**	**-**	**-**	**251**
Tropicana Products Inc Bradenton Cogen	-	-	26,374	-	-	-	-	-	251
TXU Generation Co, LLC	**3,192,439**	**8,196**	**843,677**	**-**	**955,466**	**-**	**2,604**	**19**	**8,192**
Big Brown (TX)	760,481	-	994	-	-	-	566	-	12
Collin (TX)	-	-	-214	-	-	-	-	-	*
Comanche Pk (TX)	-	-	-	-	955,466	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Decordova (TX)	-	-	244,978	-	-	-	-	-	1,684
Eagle Mount (TX)	-	-	10,414	-	-	-	-	-	172
Graham (TX)	-	-	67,485	-	-	-	-	-	733
L Hubbard (TX)	-	-	37,766	-	-	-	-	-	431
Lake Creek (TX)	-	-	14,765	-	-	-	-	-	187
Martin Lake (TX)	1,335,919	6,058	-	-	-	-	1,123	12	-
Monticello (TX)	1,096,039	3,306	-	-	-	-	915	6	-
Morgan Crk (TX)	-	1,713	9,921	-	-	-	-	*	151
North Lake (TX)	-	-	17,970	-	-	-	-	-	126
North Main (TX)	-	-	-62	-	-	-	-	-	-
Parkdale (TX)	-	-	7,119	-	-	-	-	-	110
Permian Bas (TX)	-	-	166,076	-	-	-	-	-	1,742
River Crest (TX)	-	-	-64	-	-	-	-	-	-
Sandow(TX)	-	-2,882	-	-	-	-	-	1	-
Stryker Crk (TX)	-	-	120,027	-	-	-	-	*	1,242
Sweetwater (TX)	-	-	68,201	-	-	-	-	-	630
Tradinghuse (TX)	-	1	65,644	-	-	-	-	*	767
Trinidad (TX)	-	-	8,523	-	-	-	-	-	102
Valley (TX)	-	-	4,134	-	-	-	-	-	103
U S Agri Chemicals Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
U S Agri Chemicals Corp Fort Meade	-	-	-	-	-	-	-	-	-
U S Air Force-Luke	**-**	**-**	**-**	**-**	**-**	**9,723**	**-**	**-**	**-**
Upton Wind II (TX)	-	-	-	-	-	9,723	-	-	-
U S Alliance Corp	**7,967**	**-**	**-**	**-**	**-**	**6,123**	**32**	**-**	**-**
U S Alliance Coosa Pines (AL)	7,967	-	-	-	-	6,123	32	-	-
U S Borax Inc	**-**	**-**	**26,259**	**-**	**-**	**-**	**-**	**-**	**359**
U S Borax Inc (CA)	-	-	26,259	-	-	-	-	-	359
U S Gen New England Inc	**990,933**	**89,870**	**154,382**	**108,369**	**-**	**-**	**482**	**144**	**150**
Bear Swamp (MA)	-	-	-	15,740	-	-	-	-	-
Bellows FLS (VT)	-	-	-	15,833	-	-	-	-	-
Brayton Pt (MA)	790,096	40,859	3,422	-	-	-	395	72	35
Comerford (NH)	-	-	-	14,262	-	-	-	-	-
Deerfield 2 (MA)	-	-	-	3,076	-	-	-	-	-
Deerfield 3 (MA)	-	-	-	2,777	-	-	-	-	-
Deerfield 4 (MA)	-	-	-	2,387	-	-	-	-	-
Deerfield 5 (MA)	-	-	-	5,115	-	-	-	-	-
Fife Brook (MA)	-	-	-	3,368	-	-	-	-	-
Harriman (VT)	-	-	-	9,536	-	-	-	-	-
Manchester St (RI)	-	-	150,960	-	-	-	-	-	115
Mcindoes (NH)	-	-	-	2,200	-	-	-	-	-
S C Moore (NH)	-	-	-	11,619	-	-	-	-	-
Salem Harbor (MA)	200,837	49,011	-	-	-	-	87	71	-
Searsburg (VT)	-	-	-	1,651	-	-	-	-	-
Sherman (MA)	-	-	-	2,796	-	-	-	-	-
Vernon (VT)	-	-	-	9,752	-	-	-	-	-
Wilder (VT)	-	-	-	8,257	-	-	-	-	-
U S Navy-Public Works Center	**-**	**26**	**-**	**-**	**-**	**-**	**-**	*****	**-**
SPSA WTE (VA)	-	26	-	-	-	-	-	*	-
U S Trust Co of California	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Argus Cogen (CA)	-	-	-	-	-	-	-	-	-
UGI Utilities Inc	**20,582**	**33**	**1,211**	**-**	**-**	**-**	**17**	*****	**12**
Hunlock (PA)	20,582	33	1,211	-	-	-	17	*	12
Union Camp Corp	**38,719**	**13,267**	**40,769**	**-**	**-**	**110,512**	**59**	**62**	**732**
Eastover Facility (SC)	6,732	2,965	-	-	-	32,206	11	21	-
International Paper Co (AL)	4,429	8,819	11,274	-	-	9,528	3	27	185
International Paper Co Savannah (GA)	20,915	442	7,373	-	-	36,725	25	2	210
Printing & Communication Papers Franklin	6,643	1,041	22,122	-	-	32,053	20	13	337
Union Carbide Corp-Seadrift	**-**	**-**	**72,527**	**-**	**-**	**-**	**-**	**-**	**629**
Seadrift Plant Union Carbide Corp (TX)	-	-	72,527	-	-	-	-	-	629

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Union Carbide Corp-Taft	**-**	**-**	**154,659**	**-**	**-**	**-**	**-**	**-**	**1,710**
St Charles Ops (LA)	-	-	154,659	-	-	-	-	-	1,710
Union Carbide Corp-Texas City	**-**	**-**	**43,810**	**-**	**-**	**-**	**-**	**-**	**313**
Texas City Plant Union Carbide (TX)	-	-	43,810	-	-	-	-	-	313
Union County Utilities Auth	**-**	**-**	**162**	**-**	**-**	**-**	**-**	**-**	**3**
Union County Resource Recovery Facility	-	-	162	-	-	-	-	-	3
Union Electric Develop Corp	**1,163,544**	**1,752**	**4,651**	**-**	**-**	**-**	**671**	**3**	**61**
Coffeen (IL)	339,122	403	-	-	-	-	196	1	-
Columbia (MO)	-	-	-	-	-	-	-	-	-
Elgin Energy Center (IL)	-	-	4,902	-	-	-	-	-	38
Gibson City (IL)	-	-	69	-	-	-	-	-	3
Grand Tower (IL)	-	-	-1,198	-	-	-	-	-	*
Hutsonville (IL)	63,155	112	-	-	-	-	30	*	-
Kinmundy (IL)	-	214	-8	-	-	-	-	-	7
Meredosia (IL)	116,275	582	-	-	-	-	63	1	-
Newton (IL)	644,992	441	-	-	-	-	381	1	-
Pinckneyville (IL)	-	-	886	-	-	-	-	-	13
Union Oil Co of California	**-**	**-**	**32,314**	**-**	**-**	**-**	**-**	**-**	**395**
Tosco Refining Co (CA)	-	-	32,314	-	-	-	-	-	395
Union Pacific R E M Inc	**-**	**-**	**-**	**-**	**-**	**9,895**	**-**	**-**	**-**
Upton Wind I (TX)	-	-	-	-	-	9,895	-	-	-
Union Pacific Resources Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
East Texas Gas Plant (TX)	-	-		-	-	-	-	-	-
United States Sugar Corp	**-**	**261**	**-**	**-**	**-**	**21,478**	**-**	**1**	**-**
Bryant Sugar House (FL)	-	32	-	-	-	9,636	-	1	-
Clewiston Sugar House (FL)	-	229	-	-	-	11,842	-	*	-
University of California-LA	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
UCLA South Campus Central Chiller Cogen	-	-		-	-	-	-	-	-
University of Iowa	**4,400**	**1**	**2,549**	**-**	**-**	**-**	**6**	*	**85**
University of Iowa Main (IA)	4,400	1	2,549	-	-	-	6	*	85
University of Michigan	**-**	**-**	**13,566**	**-**	**-**	**-**	**-**	**-**	**256**
University of Michigan (MI)	-	-	13,566	-	-	-	-	-	256
University of Missouri	**9,306**	**-**	**111**	**-**	**-**	**304**	**12**	**-**	**4**
University of Missouri Columbia Power	9,306	-	111	-	-	304	12	-	4
University of North Carolina	**8,410**	**-**	**505**	**-**	**-**	**-**	**10**	**-**	**16**
UNC Chapel Hill Cogen (NC)	8,410	-	505	-	-	-	10	-	16
University of Oregon	**-**	**6**	**833**	**-**	**-**	**-**	**-**	*	**42**
University of Oregon Central Power Station	-	6	833	-	-	-	-	*	42
University of Texas at Austin	**-**	**-**	**23,779**	**-**	**-**	**-**	**-**	**-**	**340**
University of Texas at Austin (TX)	-	-	23,779	-	-	-	-	-	340
University Park Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
University Park (IL)	-	-	-	-	-	-	-	-	-
USCE-Philpott Lake	**-**	**-**	**-**	**-**	**-**	**4,837**	**-**	**-**	**-**
Upton Wind IV (TX)	-	-	-	-	-	4,837	-	-	-
USX Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Gary Works (IN)	-	-	-	-	-	-	-	-	-
USX Corp-Fairfield Works	**-**	**-**	**18,573**	**-**	**-**	**-**	**-**	**-**	**2,383**
Fairfield Works (AL)	-	-	18,573	-	-	-	-	-	2,383
USX Corp-Mon Valley	**-**	**-**	**24,486**	**-**	**-**	**-**	**-**	**-**	**3,994**
Mon Valley Works (PA)	-	-	24,486	-	-	-	-	-	3,994

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Utah City/County Health Dept	**-**	**-**	**-**	**-**	**-**	**9,616**	**-**	**-**	**-**
Upton Wind III (TX)	-	-	-	-	-	9,616	-	-	-
Valero Refining Co-Houston	**-**	**11,131**	**20,430**	**-**	**-**	**-**	**-**	**5**	**333**
Valero Refinery Corpus Christi (TX)	-	11,131	20,430	-	-	-	-	5	333
Vandolah Power Co LLC	**-**	**5,724**	**6,680**	**-**	**-**	**-**	**-**	**11**	**71**
Hardee (FL)	-	5,724	6,680	-	-	-	-	11	71
Vermillion Generating Stat LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Vermillion (IN)	-	-	-	-	-	-	-	-	-
Victory Garden Phase IV Part	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Victory Garden Phase IV (CA)	-	-	-	-	-		-	-	-
Viersen & Cochran	**142,959**	**7,704**	**-**	**-**	**-**	**-**	**69**	**17**	**-**
Indian River Ops (DE)	142,959	4,057	-	-	-	-	69	8	-
Vienna Ops (MD)	-	3,647	-	-	-	-	-	8	-
Viking Energy Corp	**-**	**-**	**-**	**-**	**-**	**34,439**	**-**	**-**	**-**
Viking Energy of Lincoln (MI)	-	-	-	-	-	12,445	-	-	-
Viking Energy of McBain (MI)	-	-	-	-	-	12,346	-	-	-
Viking Energy of Northumberland (PA)	-	-	-	-	-	9,648	-	-	-
Vineland Cogeneration LP	**-**	**-**	**1,504**	**-**	**-**	**-**	**-**	**-**	**13**
Vineland Cogen (NJ)	-	-	1,504	-	-	-	-	-	13
Vintage Petroleum Inc	**-**	**-**	**-**	**-**	**-**	**412**	**-**	**-**	**-**
Flomaton Treating (AL)	-	-	-	-	-	412	-	-	-
VMSO IV Corp	**-**	**-**	**-**	**-**	**-**	**6,165**	**-**	**-**	**-**
Cabazon Wind Farm (CA)	-	-	-	-	-	6,165	-	-	-
Vulcan Materials Co	**-**	**-**	**59,546**	**-**	**-**	**-**	**-**	**-**	**777**
Geismar (LA)	-	-	59,546	-	-	-	-	-	777
Vulcan/BN Geothermal Power Co	**-**	**-**	**-**	**-**	**-**	**27,012**	**-**	**-**	**-**
Vulcan (CA)	-	-	-	-	-	27,012	-	-	-
Wadham Energy Ltd Partners	**-**	**-**	**166**	**-**	**-**	**10,508**	**-**	**-**	**1**
Wadham Energy LP (CA)	-	-	166	-	-	10,508	-	-	1
Warren Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Warren Peaking Power (TX)	-	-		-	-	-	-	-	-
Washington State University	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Washington State University (WA)	-	-	-	-	-	-	-	-	-
Weirton Steel Corp	**-**	**97**	**15,687**	**-**	**-**	**-**	**-**	**1**	**8,288**
Weirton Steel Corp (WV)	-	97	15,687	-	-	-	-	1	8,288
Wellesley College	**-**	**-**	**2,642**	**-**	**-**	**-**	**-**	**-**	**27**
Wellesley College Utility Plant (MA)	-	-	2,642	-	-	-	-	-	27
Wells Project	**-**	**-**	**55**	**-**	**-**	**-**	**-**	**-**	**1**
Wellhead Power Gates,LLC (CA)	-	-	-	-	-	-	-	-	-
Wellhead Power Panoche,LLC (CA)	-	-	55	-	-	-	-	-	1
West Georgia Generating Co LP	**-**	**-**	**3,398**	**-**	**-**	**-**	**-**	**-**	**36**
West Georgia (TX)	-	-	3,398	-	-	-	-	-	36
West Texas Wind Energy Partner	**-**	**-**	**-**	**-**	**-**	**10,070**	**-**	**-**	**-**
West Texas Wind Energy LLC (TX)	-	-	-	-	-	10,070	-	-	-
Westchester County IDA	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Westchester Resco (NY)	-	-	-	-	-	-	-	-	-
Westmoreland-LG&E Partners	**147,545**	**-**	**-**	**-**	**-**	**-**	**55**	**-**	**-**
Westmoreland LG&E Partners Roanoke	128,583	-	-	-	-	-	47	-	-
Westmoreland LG&E Partners Roanoke	18,962	-	-	-	-	-	8	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Westvaco Corp	**47,429**	**-**	**-**	**-**	**-**	**40,054**	**7**	**-**	**-**
Covington (VA)	20,781	-	-	-	-	31,171	3	-	-
Luke Mill (MD)	26,648	-	-	-	-	8,883	4	-	-
Westward Seafoods Inc	**-**	**903**	**-**	**-**	**-**	**-**	**-**	**2**	**-**
Westward Seafoods Inc (AK)	-	903	-	-	-	-	-	2	-
Westwind Trust	**-**	**-**	**-**	**-**	**-**	**1,366**	**-**	**-**	**-**
Westwind Trust (CA)	-	-	-	-	-	1,366	-	-	-
Westwood Energy Properties	**18,603**	**30**	**-**	**-**	**-**	**-**	**34**	*	**-**
Westwood Generating Station (PA)	18,603	30	-	-	-	-	34	*	-
Weyerhaeuser Co	**-**	**7,977**	**18,634**	**-**	**-**	**109,738**	**-**	**51**	**875**
Columbus MS (MS)	-	1,501	2,462	-	-	41,804	-	7	54
Cosmopolis WA (WA)	-	694	-	-	-	10,445	-	3	-
Flint River Ops (GA)	-	212	-	-	-	25,882	-	1	-
Longview WA (WA)	-	-	-	-	-	-	-	-	-
New Bern NC (NC)	-	-	-	-	-	-	-	-	-
Springfield Oregon (OR)	-	-	3,312	-	-	10,199	-	-	254
Valliant OK (OK)	-	5,570	12,860	-	-	21,408	-	40	567
Weyhaeuser Co-Plymouth	**9,481**	**577**	**-**	**-**	**-**	**58,990**	**12**	**3**	**-**
Plymouth NC (NC)	9,481	577	-	-	-	58,990	12	3	-
WFEC GENCO	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
WFEC GENCO (OK)	-	-	-	-	-	-	-	-	-
Wheelabrator Environmental Sys	**30,126**	**29**	**37,835**	**-**	**-**	**53,574**	**40**	*	**362**
Baltimore Refuse Energy Systems (MD)	-	-	-	-	-	-	-	-	-
Bridgeport (CT)	-	-	-	-	-	-	-	-	-
Claremont (NH)	-	-	-	-	-	-	-	-	-
Concord (NH)	-	-	-	-	-	-	-	-	-
Gloucester (NJ)	-	-	-	-	-	-	-	-	-
Hudson (CA)	-	-	180	-	-	4,225	-	-	3
Lassen (CA)	-	-	27,120	-	-	-	-	-	257
Millbury (MA)	-	-	-	-	-	-	-	-	-
North Andover (MA)	-	-	-	-	-	-	-	-	-
North Broward (FL)	-	-	-	-	-	-	-	-	-
Norwalk (CA)	-	-	10,535	-	-	-	-	-	103
Saugus (MA)	-	-	-	-	-	-	-	-	-
Shasta (CA)	-	-	-	-	-	37,003	-	-	-
Sherman (ME)	-	-	-	-	-	12,346	-	-	-
South Broward (FL)	-	-	-	-	-	-	-	-	-
Wheeler Frackville (PA)	30,126	29	-	-	-	-	40	*	-
Wheelabrator Falls Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Wheelabrator Falls Inc (PA)	-	-	-	-	-	-	-	-	-
Wheelabrator Martell Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Martell (CA)	-	-	-	-	-	-	-	-	-
White Springs Agr Chemical Inc	**-**	**22**	**-**	**-**	**-**	**-**	**-**	*	**-**
Suwannee River Chem Complex (FL)	-	-	-	-	-	-	-	-	-
Swift Creek Chemical Complex (FL)	-	22	-	-	-	-	-	*	-
Whitefield Power & Light Co	**-**	**-**	**-**	**-**	**-**	**6,136**	**-**	**-**	**-**
Whitefield Power & Light Co (NH)	-	-	-	-	-	6,136	-	-	-
Whiting Clean Energy Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Whiting Clean Energy (IN)	-	-	-	-	-	-	-	-	-
Willamette Industries Inc	**332**	**-**	**260**	**-**	**-**	**41,267**	**3**	**-**	**9**
Kentucky Mills (KY)	-	-	260	-	-	32,656	-	-	9
Kingsport Mill (TN)	332	-	-	-	-	8,611	3	-	-
Willamina Lumber Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Tillamook Lumber Co (OR)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Williamette Industries Inc	**10,603**	**80**	**29,512**	**-**	**-**	**25,794**	**12**	*	**431**
Albany Paper Mill (OR)	-	-	28,488	-	-	10,044	-	-	405
Johnsonburg Mill (PA)	10,603	80	1,024	-	-	15,750	12	*	26
Williams Field Services Co	**-**	**-**	**46,670**	**-**	**-**	**-**	**-**	**-**	**936**
Ignacio (CO)	-	-	3,877	-	-	-	-	-	359
Milagro Cogen (NM)	-	-	42,793	-	-	-	-	-	577
Williams Gas Processing Co	**-**	**860**	**1,770**	**-**	**-**	**-**	**-**	**2**	**21**
Williams Refining & Marketing LLC (TN)	-	860	1,770	-	-	-	-	2	21
Windland Inc	**-**	**-**	**-**	**-**	**-**	**1,691**	**-**	**-**	**-**
Windland Inc (CA)	-	-	-	-	-	1,691	-	-	-
Windpower Partners 1989 LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Montezuma Hills Windplant (CA)	-	-	-	-	-	-	-	-	-
Windpower Partners 1993 LP	**-**	**-**	**-**	**-**	**-**	**18,335**	**-**	**-**	**-**
Buffalo Ridge Windplant WPP 1993 (MN)	-	-	-	-	-	5,058	-	-	-
San Gorgonio Windplant WPP93 (CA)	-	-	-	-	-	4,163	-	-	-
West Texas Windplant (TX)	-	-	-	-	-	9,114	-	-	-
Windpower Partners 91 LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
San Gorgonio Windplant (CA)	-	-	-	-	-	-	-	-	-
Wintec Energy Ltd	**-**	**-**	**-**	**-**	**-**	**1,651**	**-**	**-**	**-**
Wintec Energy Ltd (CA)	-	-	-	-	-	1,651	-	-	-
Wisvest Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Calumet Energy Team LLC (IL)	-	-	-	-	-	-	-	-	-
Wisvest-Connecticut LLC	**171,255**	**88,161**	**-**	**-**	**-**	**-**	**86**	**136**	**-**
Bridgeport (CT)	171,255	3,766	-	-	-	-	86	8	-
New Haven Harbor (CT)	-	84,395	-	-	-	-	-	128	-
Wolf Hills Energy LLC	**-**	**-**	**9**	**-**	**-**	**-**	**-**	**-**	*
Wolf Hill Energy (VA)	-	-	9	-	-	-	-	-	*
Wood Products Division	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Emmett Power Co (ID)	-	-	-	-	-	-	-	-	-
Woodland Biomass Power Ltd	**-**	**-**	**235**	**-**	**-**	**12,845**	**-**	**-**	**3**
Woodland Biomass Power Ltd (CA)	-	-	235	-	-	12,845	-	-	3
Woodstock Hills LLC	**-**	**-**	**-**	**-**	**-**	**2,081**	**-**	**-**	**-**
Woodstock Windfarm (MN)	-	-	-	-	-	2,081	-	-	-
WPS New England Generation Inc	**-**	**-25**	**-**	**469**	**-**	**-**	**-**	*	**-**
Caribou (ME)	-	-18	-	474	-	-	-	*	-
Flos Inn Generation Station (ME)	-	-7	-	-	-	-	-	*	-
Squa Pan Hydro (ME)	-	-	-	-5	-	-	-	-	-
WPS Power Development Inc	**6,902**	**-**	**37,818**	**-**	**-**	**-**	**4**	**-**	**290**
WPS Empire State - Beaver Falls (NY)	-	-	16,114	-	-	-	-	-	144
WPS Empire State - Syracuse (NY)	-	-	21,084	-	-	-	-	-	138
WPS Empire State- Niagara Falls (NY)	6,902	-	620	-	-	-	4	-	8
Wrightsville Power Fac LLC	**-**	**-**	**5,830**	**-**	**-**	**-**	**-**	**-**	**50**
Wrightsville Power Facility (AR)	-	-	5,830	-	-	-	-	-	50
Yadkin Inc	**-**	**-**	**-**	**90,912**	**-**	**-**	**-**	**-**	**-**
Falls (NC)	-	-	-	12,506	-	-	-	-	-
High Rock (NC)	-	-	-	14,532	-	-	-	-	-
Narrows (NC)	-	-	-	48,985	-	-	-	-	-
Tuckertown (NC)	-	-	-	14,889	-	-	-	-	-
Yankee Caithness Joint Vent LP	**-**	**-**	**-**	**-**	**-**	**6,536**	**-**	**-**	**-**
Steamboat Hills Geothermal (NV)	-	-	-	-	-	6,536	-	-	-
Yellowstone Energy LP	**-**	**22,709**	**4**	**-**	**-**	**-**	**-**	**14**	**1**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, November 2002 (Continued)

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Yellowstone Energy LP (MT)	-	22,709	4	-	-	-	-	14	1
York Cogen Facility	**-**	**-**	**3,567**	**-**	**-**	**-**	**-**	**-**	**57**
York Cogen Facility (PA)	-	-	3,567	-	-	-	-	-	57
York County Solid W & R Auth	**-**	**102**	**-**	**-**	**-**	**-**	**-**	*****	**-**
York County Resource Recovery (PA)	-	102	-	-	-	-	-	*	-
Yuba City Cogen Partners LP	**-**	**-**	**14,843**	**-**	**-**	**-**	**-**	**-**	**143**
Yuba City Cogen (CA)	-	-	14,843	-	-	-	-	-	143
Yuma Cogeneration Associates	**-**	**-**	**39,203**	**-**	**-**	**-**	**-**	**-**	**341**
Yuma Cogen Assoc (AZ)	-	-	39,203	-	-	-	-	-	341
Zinc Corp of America	**53,738**	**-**	**218**	**-**	**-**	**-**	**24**	**-**	**2**
G F Weaton (PA)	53,738	-	218	-	-	-	24	-	2
Zion Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Zion Energy Center (IL)	-	-	-	-	-	-	-	-	-
Zond Systems Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
251 Project (CA)	-	-	-	-	-		-	-	-
33 East 85-A (CA)	-	-	-	-	-		-	-	-
33 East 85-B (CA)	-	-	-	-	-		-	-	-
Mesa Wind Developers (ZPI) (CA)	-	-	-	-	-		-	-	-
Mesa Wind Developers (ZPII) (CA)	-	-	-	-	-		-	-	-
Painted Hills Wind Developers (CA)	-	-	-	-	-		-	-	-
Santa Clara (CA)	-	-	-	-	-		-	-	-

Notes: • Totals may not equal sum of components because of independent rounding. • Net generation for jointly owned units is reported by the operator. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Station losses include energy used for pumped storage. • Generation is included in plant test status. • Nuclear generation is included for those plants with an operating license issued authorizing fuel loading/low power testing prior to receipt of full power amendment. • Mcf = thousand cubic feet and bbls = barrels.

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

Appendix A

General Information

Articles

Feature articles on electric power energy-related subjects are sometimes included in this publication. The following articles and special focus items have appeared in previous issues.

June 1990	Petroleum Fuel-Switching Capability in the Electric Utility Industry
April 1991	U.S. Wholesale Electricity Transactions
April 1992	Electric Utility Demand-Side Management
April 1992	Nonutility Power Producers
August 1992	Performance Optimization and Repowering of Generating Units
February 1993	Improvement in Nuclear Power Plant Capacity Factors
October 1993	Municipal Solid Waste in the U.S. Energy Supply
November 1993	Electric Utility Demand-Side Management and Regulatory Effects
November 1994	The Impact of Flow Control and Tax Reform on Ownership and Growth in the U.S. Waste-to-Energy Industry
July 1995	Nonutility Electric Generation: Industrial Power Production
August 1995	Steam Generator Degradation and Its Impact on Continued Operation of Pressurized Water Reactors in the United States
September 1995	New Sources of Nuclear Fuel
November 1995	Relicensing and Environmental Issues Affecting Hydropower
May 1996	U.S. Electric Utility Demand-Side Management: Trends and Analysis
June 1996	Upgrading Transmission Capacity for Wholesale Electric Power Trade
May 1998	Reducing Nitrogen Oxide Emissions: 1996 Compliance with Title IV Limits

For additional information or questions regarding availability of article reprints, please contact the National Energy Information Center at (202)586-8800 or by FAX at (202)586-0727.

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Appendix B
Major Disturbances and Unusual Occurrences

This discussion was prepared for publication in the *Electric Power Monthly* by the Office of Energy Emergency Management (under the Office of Nonproliferation and National Security).

Electric power systems are subject to a variety of incidents that, to a smaller or greater degree, may adversely affect the delivery of electricity to consumers. Among these are natural phenomena (such as storms and earthquakes); failure of electric system components; accidental or purposeful activities inimical to continued safe operation of electric power systems; and, difficulties associated with the normal operation of large, extremely complex real-time systems.

Under current Federal regulations, some disturbances are reported to the Federal Government. The legal basis for the requirements and the specifications of information reported are detailed in Title 10, Part 205, Subpart W, of the *Code of Federal Regulations,* Sections 205.350—205.353, published in the *Federal Register* on October 31, 1986.

In general, the incidents to be reported are grouped into two categories: (1) mandatory in all cases; and (2) mandatory if the incident meets specified criteria, where the utility involved is permitted to exercise some judgment as to whether the criteria have been met. Underlying the formulation of the reporting criteria, requirements, and procedures was the need for the Federal Government to be aware of potentially dangerous situations, tempered by the desire to minimize burdens on the reporting utilities. Another consideration in the development of the rules was the benefit gained from knowledge of the causes and effects of undesired events that may have been caused by unforeseen system defects or by purposeful adverse actions to system design and operation. The final rules reflect modification of the preliminary rules, as published in the *Federal Register,* based on comments from the electric power industry and the general public.

A report is mandatory when, for the purpose of maintaining the continuity of the bulk power supply system, a utility, due to any equipment failure/system operational action or event, (1) initiates a system voltage reduction of 3 percent or more, (2) disconnects circuits supplying over 100 megawatts of firm customer load, (3) issues an appeal to the public for a voluntary reduction in the use of electricity, or (4) has existing or anticipated fuel supply emergency situations requiring abnormal use of a particular fuel with the potential to reduce supply or stocks if needed to maintain reliable electric service. A report is also mandatory in regard to any actual or suspected act of sabotage or terrorism directed at the bulk power supply system.

In general, reports are to be made by telephone to the Emergency Operating Center, Department of Energy, in Washington, DC, as soon as practicable for instances of load shedding or loss of service, and, at the last, within 3 hours of the beginning of a service interruption. For other disturbances, the allowable reporting time ranges from 24 hours to days. Written reports may be required by the Director, Office of Energy Emergency Management, if the circumstances so indicate.

The DOE is concerned that the operation of the bulk power system in the United States shall be as trouble free as possible. To that end, information is collected, as discussed above, regarding major disturbances to the normal functioning of that system. Events, such as damage to some local distribution circuits by storms or other uncontrollable events, while annoying to the customers affected, do not greatly affect the supply of bulk power to the system as a whole. These events are more properly the concern of local and State authorities. By collecting data on major incidents, the Department is able to monitor the bulk power supply and provide a focus on those matters that may need investigation.

Suggestions regarding the reporting requirements, regulations, procedures, or any other phase of the Power System Emergency Reporting elements are welcomed. Comments can be addressed to the Office of Energy Emergency Operations (NN-63), Department of Energy, 1000 Independence Avenue, SW, Washington, DC20585.

Table B1. Major Disturbances and Unusual Occurrences, 2002

Date	Utility/Power Pool (NERC Council)	Time	Area	Type of Disturbance	Loss (mega-watts)	Number of Customers Affected	Restoration Time
1/30/02	Oklahoma Gas & Electric (SPP)	6:00 am	Oklahoma	Ice Storm	500	1,881,134	12:00 pm, February 7
1/29/02	Kansas City Power & Light (SPP)	Evening	Metropolitan Kansas City Area	Ice Storm	500-600	270,000	NA
1/30/02	Missouri Public Service (SPP)	4:00 pm	Missouri	Ice Storm	210	95,000	9:00 pm, February 10
2/27/02	San Diego Gas & Electric (WSCC)	10:48 am	California	Interruption of Firm Load	300	255,000	11:35 am, February 27
3/09/02	Consumers Energy Co. (CECAR)	12:00 am	Lower Peninsula of Michigan	Severe Weather	190	190,000	12:00 pm, March 11
4/08/02	Arizona Public Service (WSCC)	3:00 pm	Arizona	Vandalism/ Insolators	None	None	April 9
7/09/02	Pacific Gas & Electric (WSCC)	12:27 pm	California	Interruption of Firm Power	240	1 PG&E	7:54 pm, July 9
7/19/02	Pacific Gas & Electric (WSCC)	11:51 am	California	Interruption of Firm Power (Unit Tripped)	240	1 PG&E	4:30 pm, July 19
7/20/02	Consolidated Edison Co. of New York (NPCC)	12:40 pm	New York	Fire	278	63,500	8:12 pm, July 20

Source: Emergency Operations Center, Form EIA-417R, "Electric Power System Emergency Report."

Appendix C

Technical Notes

Data Sources

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. Data published in the EPM are compiled from the following data sources: Form EIA-759, "Monthly Power Plant Report," Form EIA-900, "Monthly Nonutility Power Report," FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions," Form EIA-861, "Annual Electric Utility Report," Form EIA-860A, "Annual Electric Generator Report–Utility," Form EIA-860B, "Annual Electric Generator Report–Nonutility," and the Form EIA-906, "Power Plant Report (Regulated and Nonregulated).

Form EIA-759

The Form EIA-759 is a cutoff model sample of approximately 240 electric utilities drawn from the frame of all operators of electric utility plants (approximately 700 electric utilities) that generate electric power for public use. Data will be collected on an annual basis from the remaining operators of electric utility plants. The new monthly data collection is from all utilities with at least one plant with a nameplate capacity of 50 megawatts or more. (Note: includes all nuclear units). However, the few utilities that generate electricity using renewable fuel sources other than hydroelectric are all included in the sample. The Form EIA-759 is used to collect monthly data on net generation; consumption of coal, petroleum, and natural gas; and end-of-the-month stocks of coal and petroleum for each plant by fuel-type combination. Summary data from the Form EIA-759 are also contained in the *Electric Power Annual (EPA)*, *Monthly Energy Review (MER)*, and the *Annual Energy Review (AER)*. These reports present aggregate data estimates for electric utilities at the U.S., Census division, and North American Electric Reliability Council Region (NERC) levels.

Instrument and Design History. Prior to 1936, the Bureau of the Census and the U.S. Geological Survey collected, compiled, and published data on the electric power industry. In 1936, the Federal Power Commission (FPC) assumed all data collection and publication responsibilities for the electric power industry and implemented the FPC Form 4. The Federal Power Act, Sections 311 and 312, and FPC Order 141 define the legislative authority to collect power production data. The Form EIA-759 replaced the FPC Form 4 in January 1982. In January 1996, the Form EIA-759 was changed to collect data from a cutoff model sample of plants with a nameplate capacity of 25 megawatts or more. In January 1999, the Form EIA-759 was changed to collect data for a cutoff sample of plants with a nameplate capacity of 50 megawatts or more.

Data Processing. The Form EIA-759, along with a return envelope, is mailed to respondents approximately 4 working days before the end of the month. The completed forms are to be returned to the EIA by the 10th day after the end of the reporting month. After receipt, data from the completed forms are manually logged in and edited before being keypunched for automatic data processing. An edit program checks the data for errors not found during manual editing. The electric utilities are telephoned to obtain data in cases of missing reports and to verify data when questions arise during editing. After all forms are received from the respondents, the final automated edit is submitted. Following verification of the data, text and tables of aggregated data are produced for inclusion in the *EPM*. Following EIA approval of the *EPM*, the data are made available for public use, on a cost-recovery basis, through custom computer runs, data tapes, or in publications.

FERC Form 423

The Federal Energy Regulatory Commission (FERC) Form 423 is a monthly record of delivered-fuel purchases, submitted by approximately 230 electric utilities for each electric generating plant with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. Summary data from the FERC Form 423 are also contained in the *EPA, MER*, and the *Cost and Quality of Fuels for Electric Utility Plants – Annual.* These reports present aggregated data on electric utilities at the U.S., Census division, and State levels.

Instrument and Design History. 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 only on fossil-steam plants, but was amended in 1974 to include data on internal combustion and combustion turbines. The FERC Form 423 replaced the FPC Form 423 in January 1983. The FERC Form 423 eliminated

peaking units, which were previously collected on the FPC Form 423. In addition, the generator nameplate capacity threshold was changed from 25 megawatts to 50 megawatts. This reduction in coverage eliminated approximately 50 utilities and 250 plants. All historical FPC Form 423 data in this publication were revised to reflect the new generator nameplate capacity threshold of 50 or more megawatts reported on the FERC Form 423. 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.

Data Processing. The FERC processes the data through edits and each month provides the EIA with a diskette containing the data. The EIA reviews the data for accuracy. Beginning with May 1994 data, an additional quality check began in which coal data are compared with data prepared by Resource Data International, Inc., of Boulder, Colorado. Following verification of the data, text and tables of aggregated data are produced for inclusion in the *EPM*. After the *EPM* is cleared by the EIA, the data become available for public use, on a cost-recovery basis, through custom computer runs or in publications.

Form EIA-826

The Form EIA-826 is a monthly collection of data from approximately 340 of the largest primarily investor-owned and publicly owned electric utilities as well as a census of energy service producers with retail sales in deregulated States. A model is then applied to estimate for the entire universe of U.S. electric utilities. The electric power sales data are used by the Federal Reserve Board in their economic analyses.

Instrument and Design History. The collection of electric power sales, revenue, and income data 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 replaced the FERC Form 5 in January 1983. In January 1987, the Form EIA-826 was changed to the "Monthly Electric Utility Sales and Revenue Report with State Distributions." It was formerly titled, "Electric Utility Company Monthly Statement." 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 4 previous years. (See previous issues of this publication, and (Knaub, 12) for details.) The current sample for the Form EIA-826, which was designed to obtain estimates of electricity sales and revenue per kilowatthour at the State level by end-use sector, was chosen to be in effect for the January 1993 data.

Frame. The frame for the Form EIA-826 was originally based on the 1989 submission of the Form EIA-861 (Section 1.4), which consisted of approximately 3,250 electric utilities selling retail and/or sales for resale. Note that for the Form EIA-826, the EIA is only interested in retail sales. Updates have been made to the frame to reflect mergers that affect data processing. Some electric utilities serve 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 revenue per kilowatthour by end-use sector (residential, commercial, industrial and other) at State, Census division, and the U.S. level. Regressor data came from the Form EIA-861. (Note that estimates at the "State level" are for sales for the entire State, and similarly for "Census division" and "U.S." levels.)

The preponderance of electric power sales to ultimate consumers in each State are made by a few large utilities. Ranking of electric utilities by retail sales on a State-by-State basis revealed a consistent pattern of dominance by a few electric utilities in nearly all 50 States and the District of Columbia. These dominant electric utilities were selected as a model sample. These electric utilities constitute about 8 percent of the population of U.S. electric utilities, but provide three-quarters of the total U.S. retail electricity sales. The procedures used to derive electricity sales, revenue, revenue per kilowatthour, and associated relative standard error (RSE) estimates are provided in the Form EIA-826 subsection of the Formulas Data Section. See (Knaub, 12) for a study of RSE estimates for this survey. In 2001, EIA began collecting from a census of investor-owned utilities for the EIA-826, based upon the prior-year EIA-861 frame. The model-based sampling now applies only to the municipal, cooperative, and Federally-owned utilities.

Data Processing. 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 not available, either because it was not part of the sample or because the data are missing, 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. After the *EPM* receives clearance from the EIA, the data are made available for public use through custom computer runs, data tapes, or in publications (*EPA, AER*) on a cost-recovery basis.

Form EIA-900

The Form EIA-900, "Monthly Nonutility Power Report," is a cutoff model sample drawn from the frame for the Form EIA-860B, "Annual Electric Generator Report – Nonutility." Members of the Form EIA-860B frame with nameplate capacity greater than or equal to 50 megawatts constitute the sample for the Form EIA-900. The Form EIA-900 currently is used to collect monthly data on net generation; consumption of coal, petroleum, and natural gas; and end-of-the month stocks of coal and petroleum.

Instrument and Design History. The Form EIA-900 was implemented to collect monthly data, starting with January 1996. The reason for its inception was to fill, in part, a "data gap" that existed on a monthly basis when comparing utility sales to end users (from the Form EIA-826) with utility generation (from the Form EIA-759). This data gap occurred because utility sales data include electricity purchased from nonutilities and because of other factors such as transmission losses and imports/exports. In light of sampling and nonsampling error, a more complete description of events may be gleaned by including results based on the Form EIA-900.

Data Processing. The Form EIA-900 is mailed to all operating Form EIA-860B respondent facilities with more than 50 megawatts of total operating capacity. In 1996, there were approximately 380 respondents for the Form EIA-900. Data submission is allowed by Internet e-mail, postal mail, telephone or facsimile (FAX) transmission. In the near future, the EIA plans to allow touchtone data entry. At first submission, the number for the one datum element collected is compared to a previously submitted number, through the use of an interactive edit. Later, batch edits are applied. One edit is used to compare total sales, generation, line losses and imports/exports to determine if the results are reasonable. Another edit is applied on an individual, annual basis, to compare 12 month totals for the Form EIA-900 submissions to the corresponding Form EIA-860B submissions.

Form EIA-861

The Form EIA-861 is a mandatory census of electric utilities in the United States. The survey is used to collect information on power production and sales data from approximately 3,250 electric utilities. The data collected are used to maintain and update the EIA's electric utility frame data base. This data base supports queries from the Executive Branch, Congress, other public agencies, and the general public. Summary data from the Form EIA-861 are also contained in the *Electric Sales and Revenue*; the *Electric Power Annual*; the *Financial Statistics of Selected Publicly Owned Electric Utilities*; the *Financial Statistics of Selected Investor-Owned Electric Utilities*; the *AER*; and, the *Annual Outlook for U.S. Electric Power*. These reports present aggregate totals for electric utilities on a national level, by State, and by ownership type.

Instrument and Design History. The Form EIA-861 was implemented in January 1985 to collect 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. The Form EIA-861 is mailed to the respondents in February of each year to collect data as of the end of the preceding calendar year. The data are manually edited before being 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; EIA-412, "Annual Report of Public Electric Utilities;" and FERC Form 1, "Annual Report of Major Electric Utilities, Licensees, and Others." Respondents are tele-phoned to obtain clarification of reported data and to obtain missing data.

Form EIA-860A

The Form EIA-860A is a mandatory census of electric utilities in the United States that operate power plants or plan to operate a power plant within 5 years of the reporting year. The survey is used to collect data on electric utilities' existing power plants and their 5-year plans for constructing new plants, generating unit additions, modifications, and retirements in existing plants. Data on the survey are collected at the generating unit level. These data are then aggregated to provide totals by energy source (coal, petroleum, gas, water, nuclear, other) and geographic area (State, NERC region, Federal region, Census division). Additionally, at the national level, data are aggregated to provide totals by prime mover. Data from the Form EIA-860 are also summarized in the *Inventory of Power Plants in the United States* and the *EPA*, and as input to publications (AER) and studies by other offices in the Department of Energy.

Instrument and Design History. The Form EIA-860A was implemented in January 1999 to collect data as of January 1, 1999. The Federal Energy Administration Act of 1974 (Public Law 93-275) defines the legislative

authority to collect these data. Form EIA-860A replaced Form EIA-860, "Annual Electric Generating Report." The difference in the data requirements of Form EIA-860A and those of the Form EIA-860 that preceded it is that respondents are required to report 5-year plans on Form EIA-860A instead of 10-year plans previously required to be reported on Form EIA-860.

Data Processing. The Form EIA-860A is mailed to approximately 900 respondents in November or December to collect data as of January 1 of the reporting year, where the reporting year is the calendar year in which the report was filed. Effective with the 1996 reporting year, respondents have the option of filing Form EIA-860A 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 from the applicable data base. Respondents are instructed to verify all preprinted data and to supply missing data. The data are manually edited before being keypunched for automatic data processing. Computer programs containing additional edit checks are run. Respondents are telephoned to obtain correction or clarification of reported data and to obtain missing data, as a result of the manual and automatic editing process.

Form EIA-860B

The Form EIA-860B is 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-860B 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. Planned generators are defined as a proposal by a company to install electric generating equipment at an existing or planned facility. The proposal is based on the owner having obtained (1) all environmental and regulatory approvals, (2) a contract for the electric energy, or (3) financial closure on the facility. The Form consists of Schedules I, "Identification and Certification;" Schedule II, "Facility Information"; Schedule III, "Standard Industrial Classification Code Designation"; Schedule IVA, "Facility Fuel Information"; Schedule IVB, "Facility Thermal and Generation Information"; Schedule V, "Facility Environmental Information"; and Schedule VI, "Electric Generator Information."

Submission of the Form EIA-860B is required from all facilities that have a combined facility nameplate capacity of 1 megawatt or more. Schedule V, "Facility Environmental Information" is only required of those facilities of 25 megawatts or more.

The form is used to collect data on the installed capacity, energy consumption, generation, and electric energy sales to electric utilities and other nonutilities by facility. Additionally, the form is used to collect data on the quality of fuels burned and the types of environmental equipment used by the respondent. These data are aggregated to provide geographic totals for selected States and at the Census division and national levels. Since the Form EIA-860B data are considered confidential, suppression of some data is necessary to protect the confidentiality of the individual respondent data. See "Confidentiality of the Data" in this section for further information.

Instrument and Design History. The Form EIA-867, "Annual Nonutility Power Producer Report," was implemented in December 1989 to collect data as of year-end 1989. The Federal Energy Administration Act of 1984 (Public Law 93-275) defines the legislative authority to collect these data. Form EIA-860B, "Annual Electric Generating Report – Nonutility," replaced Form EIA-867 in 1998.

Data Processing. The Form EIA-860B is mailed to the respondents in January to collect data as of the end of the preceding calendar year. Static data for each respondent are preprinted from the previous year, and the respondents are instructed to verify all preprinted information and to supply the missing data. The completed forms are to be returned to the EIA by April 30. The response rate for all facilities for which addresses were confirmed was 100 percent. The data are manually edited before being keyed for automatic data processing. Computer programs containing additional edit checks are run. Respondents are telephoned to obtain corrections or clarifications of reported data and to obtain missing data as a result of the manual and automated editing.

Form EIA-906

In 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 useful thermal output from electric utilities and nonutilities. It is a model-based sample of approximately 240 electric utilities and 800 nonutilities.

The census data from Form EIA-860B are used as regressors in a regression model that estimates (imputes) values for those not collected on the sample. The relationship between the data that are collected on the sample and the corresponding regressor data is needed to impute these values and arrive at aggregate level estimates. The modeling is described in detail in the Internet statistics

journal, *InterStat*, August 1999, "Using Prediction Oriented Software for Survey Estimation," http://interstat.stat.vt.edu/InterStat/ARTICLES/1999/abstracts/99001.html-ssi. For a more general discussion of model-based sampling and estimation, please see the EIA website at http://www.eia.doe.gov/cneaf/electricity/forms/eiawebme.pdf. Note that there are times when a model may not apply, such as for a new plant, 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. The data processing procedures for Form EIA-906 are the same as those described for Forms EIA-759 and EIA-900.

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.

Formulas/Methodologies

The following formula is used to calculate percent differences.

$$\text{Percent Difference} = \left(\frac{x\ (t_2) - x\ (t_1)}{x\ (t_1)} \right) x\ 100,$$

where $x\ (t_1)$ and $x\ (t_2)$ denote the quantity at year t_1 and subsequent year t_2.

Form EIA-826

The Form EIA-826 data are collected at the utility level by sector and State. 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. Form EIA-861 data were used as the frame from which the sample was selected, and also as regressor data.

The sample consists of approximately 340 electric utilities, as well as a census of energy service providers with retail sales in deregulated States. This includes a somewhat larger number of State-service areas for electric utilities. 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 it.

State-level sales and revenue estimates are calculated. Also, a ratio estimation procedure is used for estimation of revenue per kilowatthour at the State level. These estimates are accumulated separately to produce the Census division and U.S. level estimates.

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, revenue per kilowatthour), or a single variable (for example, sales).

The sampling error may be less than the nonsampling error. 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 B2).

Relative standard errors (RSEs) are indicators of error due to sampling. (RSEs do not account for nonsampling errors, such as errors of misclassification or transposed digits. However, estimates of RSEs, although not designed to measure nonsampling error, are affected by them). In fact, large RSE estimates found in preliminary work with these data have often indicated nonsampling errors, which were then identified and corrected. 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-kilowatthour value is estimated to be 5.13 cents per kilowatthour 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 revenue per kilowatthour is within approximately 1.6 percent of 5.13 cents per kilowatthour (that is, between 5.05 and 5.21 cents per kilowatthour). There is approximately a 95-percent chance of a true sampling error being 2 RSEs or less.

The basic approach is shown in (Royall, 6) with additional discussion of variance estimation in (Royall and Cumberland, 7), (Royall and Cumberland, 8), and (Knaub, 5).

The detailed methodology for estimation for this survey is described in InterStat, June 2000, "Using Prediction-Oriented Software for Survey Estimation - Part II: Ratios of Totals," http://interstat.stat.vt.edu/InterStat/ARTICLES/2000/abstracts/U00002.html-ssi.

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.

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 vale.

Additional information or clarification can be addressed to the Energy Information Administration as indicated in the "Contacts" section of this publication.

Form EIA-900

The Form EIA-900 data are collected at the facility level, which is roughly the nonutility equivalent of plant level. The cutoff sample uses generation to determine the estimated total nonutility monthly generation based on the annual Form EIA-860B, "Annual Generator Report – Nonutility," data available. Fuel consumption estimates are based on relating the estimated monthly generation to the consumption data for the Form EIA-860B.

Form EIA-759

Data for the Form EIA-759 are collected at the plant level. Estimates are then provided for geographic levels. Consumption of fuel(s) is converted from quantities (in short tons, barrels, or thousand cubic feet) to Btu at the plant level. End-of-month fuel stocks for a single generating plant may not equal beginning-of-the-month stocks plus receipts less consumption, for many reasons, including the fact that several plants may share the same fuel stock.

A cutoff model sampling and estimation are employed, using the same multiple regression model. Once again, as described under the corresponding subsection on the Form EIA-900, details of the estimation of totals and variances of totals are published on the Internet in a paper entitled "Weighted Multiple Regression Estimation for Survey Model Sampling (Knaub, 13)."

At the fuel and State level (i.e., lowest aggregate level), there are a number of cases where the minimal sample size of three is not met, when using a 25 MW cutoff. Imputation of historic values for the smallest plants is used to supplement actual values for the largest ones. However, at the NERC level, this is not necessary. Data element totals for each NERC region, by fuel type, are estimated using model sampling. These samples are composed solely of data reported for the plants actually in the sample. The national level estimate from this is then considered our best estimate, and all other estimates are apportioned accordingly.

As a final adjustment based on our most complete data, use is made of final Form EIA-759 annual census, when available. The annual census for Form EIA-759 data by State and energy source are compared to the corresponding monthly Form EIA-759 values. The ratio of these two values in each case is then used to adjust each corresponding monthly value.

FERC Form 423

Data for the FERC Form 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. level. For these formulas, receipts and average heat content are at the plant level. For each geographic region, the summation $\sum$ represents the sum of all plants in that geographic region. Additionally,

For coal, units for receipts (R) are in tons, units for average heat content (A) are in Btu per pound, and the unit conversion (U) is 2,000 pounds per ton;

For petroleum, units for receipts (R) are in barrels, units or average heat content (A) are in Btu per gallon, and the unit conversion (U) is 42 gallons per barrel;

For gas, units for receipts (R) are in thousand cubic feet (Mcf), average heat content (A) are in Btu per cubic foot, and the unit conversion (U) is 1,000 cubic feet per Mcf.

$$\text{Total Btu} = \sum_i (R_i \times A_i \times U),$$

where I denotes a plant; R_i = receipts for plant I;
A_i = average heat content for receipts at plant I; and,

U = unit conversion;

Weighted Average Btu = $\frac{\sum_i (R_i \times A_i)}{\sum_i R_i}$,

where I denotes a plant; R_i = receipts for plant I; and, A_i = average heat content for receipts at plant I.

The weighted average cost in cents per million Btu is calculated using the following formula:

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 plant; R_i = receipts for plant I;
A_i average heat content for receipts at plant I;
and C_i = cost in cents per million Btu for plant I.

The weighted average cost in dollars per unit is calculated using the following formula:

Weighted Average Cost = $\frac{U \sum_i (R_i \times A_i \times C_i)}{10^8 \sum_i R_i}$,

where I denotes a plant; R_i = receipts for plant I;
A_i = average heat content for receipts at plant I;
U = unit conversion; and, C_i = cost in cents per million Btu for plant I.

Form EIA-861

Data for the Form EIA-861 are collected at the utility level from all electric utilities in the United States, its territories, and Puerto Rico. Form EIA-861 data in this publication are for the United States only. These data are then aggregated to provide geographic totals at the State, NERC region, Census division, and national level. Sources and disposition of data are also provided by utility class of ownership and retail consumer class of service. Average revenue (nominal dollars) per kilowatthour of electricity sold is calculated by dividing total annual retail revenue (nominal dollars) by the total annual retail sales of electricity.

Average revenue per kilowatthour is defined as the cost per unit of electricity sold and is calculated by dividing retail electric revenue by the corresponding sales of electricity. The average revenue per kilowatthour is calculated for all consumers and for each sector (residential, commercial, industrial, and other sales).

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. The average revenue per kilowatthour reported in this publication by sector represents a weighted average of consumer revenue and sales within that sector and across sectors for all consumers.

The electric revenue used to derive the average revenue per kilowatthour 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 cover, among other costs of service, State and Federal income taxes and taxes other than income taxes paid by the utility. The Federal component of these taxes are, for the most part, "payroll" taxes. State and local authorities tax the value of plant (property taxes), the amount of revenues (gross receipts taxes), purchases of materials and services (sales and use taxes), and a potentially long list of other items that vary extensively by taxing authority. Taxes deducted from employees' pay (such as Federal income taxes and employees' share of social security taxes) are not a part of the utility's "tax costs," but are paid to the taxing authorities in the name of the employees. These taxes are included in the utility's cost of service (for example, revenue requirements) and are included in the amounts recovered from consumers in rates and reported in operating revenues.

Electric utilities, like many other business enterprises, are required by various taxing authorities to collect and remit taxes assessed on their consumers. In this regard, the electric utility serves as an agent for the taxing authority. Taxes assessed on the consumer, such as a gross receipts tax or sales tax, are called "pass through" taxes. These taxes do not represent a cost to the utility and are not recorded in the operating revenues of the utility. However, taxing authorities differ as to whether a specific tax is assessed on the utility or the consumer—which, in turn, determines whether or not the tax is included in the operating revenue of the electric utility.

Form EIA-860A

Data from the Form EIA-860A are submitted at the generating unit level and are then aggregated to provide total capacity by energy source and geographic area. In addition, at the national level, data are aggregated by prime mover.

Estimated values for net summer and net winter capability for electric generating units were developed by use of a regression formula. The formula is used to estimate values for existing units where data are missing and for projected units. It was found that a zero-intercept linear regression works very well for estimating capability based on nameplate capacity. The only parameter then is the slope ($\hat{b}$) that is used to relate capacity to capability as follows: $\hat{y} = \hat{b}x$, where $\hat{y}$ is the estimated capability, and x is the known nameplate capacity. There will be a different value for $\hat{b}$ for different prime movers and for summer and winter capabilities and it will also depend upon the age of the generator. For more details see the *Inventory of Power Plants*.

Form EIA-860B

Gross electricity generation data from the Form EIA-860B, reported by generator, are aggregated to provide totals by energy source and geographic area. Nonutility power producers report gross electricity generated on the Form EIA-860B, unlike electric utilities that report net generation on various EIA and FERC forms. Nonutilities generally do not measure and record electrical consumption used solely for the production of electricity. Nonutility generators and associated auxiliary equipment are often an integral part of a manufacturing or other industrial process and individual watthour meters are not generally installed on auxiliary equipment.

Estimated values for net generation from nonutility power producers were developed by EIA using gross generation, prime mover, fuels, and type of air pollution control data reported on the Form EIA-860B. The difference between gross and net generation is the electricity consumed by auxiliary equipment and environmental control devices such as pumps, fans, coal pulverizers, particulate collectors, and flue gas desulfurization (FGD) units. The difference between gross and net generation is sometimes called parasitic load. In smaller power plants rotating auxiliaries are almost always electric motors. In large power plants that produce steam, rotating auxiliaries can be powered by either steam turbines or electric motors and sometimes both because of cold startup requirements.

This methodology for estimating net generation from gross generation is based on determining typical energy consumption for auxiliary electrical equipment associated with electrical generators. For instance, wind turbines have none of the auxiliaries common to a coal-burning power plant such as a coal pulverizers, fans, and emission controls. On the other hand, windfarms do consume electricity since automatic, computer-based control systems are used to control blade pitch and speed thereby affecting generator electricity output.

Shown below are the conversion factors used to estimated net generation by nonutility generators. The factors are typical of a modern electric power plant but could vary significantly between individual plants. Net generation is calculated by multiplying the appropriate conversion factor by the reported gross electrical generation.

These conversion factors were estimated by the staff of the Office of Coal, Nuclear, Electric and Alternate Fuels, Energy Information Administration. The primary reference used in developing the conversion factors was *Steam, Its Generation and Use,* 40th Edition, Babcock & Wilcox, Barberton, Ohio.

Prime Mover Type	Gross-to-Net Generation Conversion Factor
Gas (Combustion) Turbine)	.98
Steam Turbine	.97[a]
Internal Combustion	.98
Wind Turbine	.99
Solar-Photovoltaic	.99
Hydraulic Turbine	.99
Fuel Cell	.99
Other	.97

[a]Factor reduced by .01 if the facility has flue gas particulate collectors and another .03 if the facility has flue gas desulfurization (FGD) equipment. Facilities under 25 megawatts and burning coal in traditional boilers (e.g., not fluidized bed boilers) are assumed to have particulate and FGD equipment.

Average Heat Content

Heat content values (Table C1) collected on the FERC Form 423 were used to convert the consumption data from the Form EIA-759 into Btu. Respondents to FERC Form 423 represent a subset of all generating plants (steam plants with a capacity of 50 megawatts or larger), while Form EIA-759 respondents generally represent generating plants with a combined capacity of 25 or more megawatts. The results, therefore, may not be completely representative.

Quality of Data

The CNEAF office is responsible for routine data improvement and quality assurance activities. All operations in this office are done in accordance with formal standards established by the EIA. These standards are the measuring rod necessary for quality statistics. Data improvement efforts include verification of data-keyed input by automatic computerized methods, editing by subject matter specialists, and follow-up on nonrespondents. The CNEAF office supports the quality assurance efforts of the data

collectors by providing advisory reviews of the structure of information requirements, and of proposed designs for new and revised data collection forms and systems. Once implemented, the actual performance of working data collection systems is also validated. Computerized respondent data files are checked to identify those who fail to respond to the survey. By law, nonrespondents may be fined or otherwise penalized for not filing a mandatory EIA data form. Before invoking the law, the EIA tries to obtain the required information by encouraging cooperation of nonrespondents.

Completed forms received by the CNEAF office are sorted, screened for completeness of reported information, and keyed onto computer tapes for storage and transfer to random access data bases for computer processing. The information coded on the computer tapes is manually spot-checked against the forms to certify accuracy of the tapes. To ensure the quality standards established by the EIA, formulas that use the past history of data values in the data base have been designed and implemented to check data input for err ors automatically. Data values that fall outside the ranges prescribed in the formulas are verified by telephoning respondents to resolve any discrepancies.

Conceptual problems affecting the quality of data are discussed in the report, *An Assessment of the Quality of Selected EIA Data Series: Electric Power Data*. This report is published by the Energy Information Administration (Office of Statistical Standards). See item 2 in Appendix A.

Data Precision

Monthly sample survey data have both sampling and nonsampling errors. Sampling errors may be expected since all data are not collected and, therefore, must be mathematically estimated. (Note that the annual series for a monthly sample is not subject to sampling error because it is a census). Nonsampling errors are the result of incorrect allocation of data (for example, transcriptions or misclassifications) and can be difficult to control and estimate. A study of coefficients of variance and data revisions was conducted so that the appropriate levels of precision, based on the accuracy and completeness of the data from which the estimates are derived, is provided in this report for average revenue per kilowatthour of electricity sold. It was judged that three significant digits are justified for average revenue per kilowatthour of electricity sold at the U.S. level except for monthly data prior to 1990 where two significant digits are more appropriate.

Data Imputation

It may become necessary (as in March and April 1996 FERC Form 423 data) to impute for some data, even if a 100-percent census is normally collected without incident. In such cases, a modeling approach, similar to what is done for the Form EIA-826, can be implemented. The estimation methodologies for model sampling and model imputation are identical.

Data Editing System

Data from the form surveys are edited on a monthly basis using automated systems. The edit includes both deterministic checks, in which records are checked for the presence of required fields and their validity; and statistical checks, in which estimation techniques are used to validate data according to their behavior in the past and in comparison to other current fields. When all data have passed the edit process, the system builds monthly master files, which are used as input to the *EPM*.

Confidentiality of the Data

In general, the data collected on the forms used for input to this report are not confidential. However, data from the Form EIA-900, "Monthly Nonutility Power Report," and from the Form EIA-860B, "Annual Electric Generator Report – Nonutility," 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)).

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 rounded number truncated to zero is (*).

Data Correction Procedure

The Office of Coal, Nuclear, Electric and Alternate Fuels has adopted the following policy with respect to the revision and correction of recurrent data in energy publications:

1. Annual survey data collected by this office 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 revised only after the completion of the 12-month cycle of the data. No revisions are made to the published data before this.

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 greater than one percent difference at the national level. Corrections for differences that are less than the before-mentioned threshold are left to the discretion of the Office Director. Note that in this discussion, changes or revisions are referred to as "errors."

In accordance with policy statement number 3, 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 past 4 years (Table C2). For example, the mean of the 12 monthly absolute errors (absolute differences between preliminary and final monthly data) for coal-fired generation in 1995 was 49. That is, on average, the absolute value of the change made each month to coal-fired generation was 49 million kilowatthours.

The U.S. total net summer capability, updated monthly in the EPM (Table 1), is based solely on new electric generating units and retirements which come to the attention of the EIA during the year through telephone calls with electric utilities and on the Form EIA-759, "Monthly Power Plant Report," and may not include all activity for the month. Data on net summer capability, including new electric generating units, are collected annually on the

Form EIA-860A, "Annual Electric Generator Report – Utility," and Form 860B "Annual Electric Generator Report – Nonutility."

Use of the Glossary

The terms in the glossary have been defined for general use. Restrictions on the definitions as used in these data collection systems are included in each definition when necessary to define the terms as they are used in this report.

Table C1. Average Heat Content of Fossil-Fuel Receipts, October 2002

Census Division and State	Coal (Btu per ton)[1]	Petroleum (Btu per barrel)	Gas (Btu per thousand cubic feet)
New England	**25,311,455**	**6,394,596**	**1,038,280**
Connecticut	-	-	-
Maine	-	-	-
Massachusetts	23,191,310	5,787,600	1,028,791
New Hampshire	26,618,268	6,395,488	1,053,000
Rode Island	-	-	-
Vermont	-	-	1,004,000
Middle Atlantic	**26,043,870**	**6,377,049**	**1,020,006**
New Jersey	26,053,740	5,793,480	-
New York	26,449,670	6,377,261	1,020,006
Pennsylvania	25,479,010	5,922,000	-
East North Central	**20,875,018**	**5,976,274**	**959,087**
Illinois	19,213,288	5,734,965	1,036,440
Indiana	21,437,132	5,774,918	1,003,000
Michigan	19,864,908	6,150,296	948,129[a]
Ohio	23,983,030	5,827,334	1,023,342
Wisconsin	18,370,886	5,880,000	1,005,366
West North Central	**16,640,590**	**6,539,476**	**1,000,376**
Iowa	17,203,530	5,732,565	1,001,030
Kansas	17,085,592	6,678,000	993,712
Minnesota	17,695,194	5,754,000	1,004,629
Missouri	17,737,820	5,761,635	1,014,061
Nebraska	17,298,386	5,801,880	999,832
North Dakota	13,182,413	5,847,753	1,022,000
South Dakota	17,060,000	-	-
South Atlantic	**24,443,880**	**6,410,358**	**1,035,913**
Delaware	-	6,289,446	1,032,000
District of Columbia	-	-	-
Florida	24,625,806	6,418,347	1,036,099
Georgia	23,312,162	5,817,000	1,025,278
Maryland	-	-	-
North Carolina	24,727,680	5,815,221	1,035,000
South Carolina	25,366,144	5,796,000	1,028,000
Virginia	25,503,184	6,378,899	1,027,890
West Virginia	24,451,832	5,838,381	1,000,000
East South Central	**22,510,008**	**5,995,131**	**1,040,958**
Alabama	21,309,588	5,768,747	1,045,182
Kentucky	22,882,085	5,863,982	1,025,000
Mississippi	23,667,294	6,501,948	1,037,630
Tennessee	23,135,822	5,875,800	-
West South Central	**16,620,996**	**6,159,405**	**1,029,681**
Arkansas	17,308,140	5,909,072	1,017,457
Louisiana	15,651,922	6,219,066	1,038,807
Oklahoma	17,368,894	-	1,028,590
Texas	16,105,344	5,877,665	1,023,490
Mountain	**19,586,172**	**5,839,528**	**1,013,862**
Arizona	20,261,520	5,843,418	1,015,435
Colorado	19,376,442	5,808,558	984,142
Idaho	-	-	-
Montana	16,950,949	5,922,000	1,114,840
Nevada	22,654,044	5,842,620	1,030,571
New Mexico	18,502,350	5,712,000	1,011,925
Utah	23,090,718	5,879,972	1,053,000
Wyoming	17,686,504	5,845,741	1,045,000
Pacific Contiguous	**17,423,388**	**-**	**1,010,601**
California	-	-	1,009,249
Oregon	17,423,388	-	1,020,000
Washington	-	-	-
Pacific Noncontiguous	**-**	**-**	**1,000,000**
Alaska	-	-	1,000,000
Hawaii	-	-	-
U.S. Average	**20,313,030**	**6,386,197**	**1,027,384**

[1] Data represents weighted values.

[a] = Includes blast furnace gas which has a heat content of 74,000 Btu per thousand cubic feet.

Note: • Data for 2002 are preliminary.

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

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
Nonutility					
Generation (million kilowatthours)					
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[1]	NA	NA	NA	NA	504
Total	NA	NA	NA	NA	4,559
Consumption					
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
Stocks[1]					
Coal (thousand short tons)	NA	NA	NA	NA	316
Petroleum (thousand barrels)	NA	NA	NA	NA	40
Utility					
Generation (million kilowatthours)					
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
Consumption					
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
Stocks[1]					
Coal (thousand short tons)	310	233	501	229	118
Petroleum (thousand barrels)	239	201	130	98	165
Retail Sales (million kilowatthours)					
Residential	79	345	350	626	454
Commercial	780	476	1,265	175	2,233
Industrial	141	1,129	257	771	654
Other[2]	167	267	363	33	553
Total	694	1,153	1,724	1,466	3,894
Revenue (million dollars)					
Residential	17	2	3	42	27
Commercial	51	29	60	17	214
Industrial	23	46	32	30	34
Other[2]	5	1	31	2	3
Total	22	46	62	79	277
Average Revenue per Kilowatthour (cents)[3]					
Residential	.01	.03	.03	.02	.01
Commercial	.01	.01	.05	.01	.06
Industrial	.03	.01	.02	.01	.01
Other[3]	.20	.22	.07	.02	.39
Total	.01	.01	.02	.01	.03
Receipts					
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
Cost (cents per million Btu)[3]					
Coal	.10	.06	.16	.23	.22
Petroleum	.01	.01	*	*	.01
Gas	.15	.87	.68	.35	.09

[1] Stocks are end of month values.
[2] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.
[3] Data represents weighted values.
* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less that 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"; For 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. 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

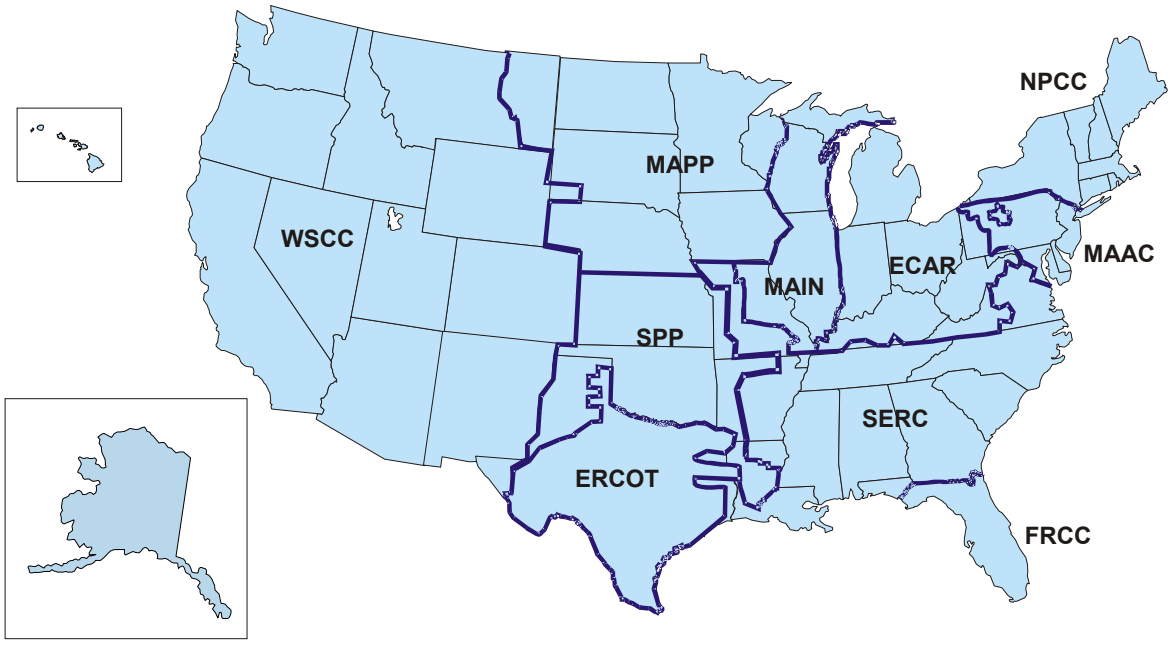
Source: Energy Information Administration.

Table C4. 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)
Utility						
Generation (million kilowatthours)						
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[1]	990,948	990,029	-0.1	1,026,354	1,026,632	*
Total	**3,213,620**	**3,212,171**	*	**3,182,936**	**3,173,674**	**-0.3**
Consumption						
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
Stocks[2]						
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
Retail Sales (million kilowatthours)						
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[3]	100,260	103,518	3.1	100,316	106,754	6.0
All Sectors	**3,237,715**	**3,239,818**	**0.1**	**3,265,356**	**3,235,899**	**-0.9**
Revenue (million dollars)						
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[3]	6,814	6,863	0.7	6,763	6,783	0.3
All Sectors	**218,346**	**218,346**	*	**216,544**	**215,473**	**-0.5**
Average Revenue per Kilowatthour (cents)[4]						
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[3]	6.80	6.63	-2.5	6.74	6.35	-6.1
All Sectors	**6.74**	**6.74**	**-0.1**	**6.63**	**6.66**	**0.4**

[1] Includes geothermal, wood, waste, wind, and solar.
[2] Stocks are end-of-month values.
[3] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.
[4] Data represent weighted values.
* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute values 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;" Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Figure C1. North American Electric Reliability Council Regions for the Contiguous United States, Alaska and Hawaii



ECAR – East Central Area Reliability Coordination Agreement
ERCOT – Electric Reliability Council of Texas
FRCC – Florida Reliability Coordinating Council
MAAC – Mid-Atlantic Area Council
MAIN – Mid-Atlantic Interconnected Network
MAPP – Mid-Continent Area Power Pool
NPCC – Northeast Power Coordinating Council
SERC – Southeastern Electric Reliability Council
SPP – Southwest Power Pool
WSCC – Western Systems Coordinating Council

Source: North American Electric Reliability Council.

Table C5. Relative Standard Error for Electric Utility Net Generation by State, November 2002
(Percent)

State	Coal	Petroleum	Gas	Hydroelectric	Nuclear	Other[1]
Alabama	-	-	-	-	-	-
Alaska	-	NM	0.65	9.03	-	NM
Arizona	-	-	-	-	-	-
Arkansas	-	2.26	-	4	-	-
California	-	-	1.17	0.77	-	-
Colorado	-	1.96	1.36	2.69	-	-
Connecticut	-	NM	-	NM	-	NM
Delaware	-	NM	-	-	-	-
Florida	-	0.01	0.03	-	-	-
Georgia	0.03	-	NM	1.54	-	-
Hawaii	-	-	-	-	-	-
Idaho	-	-	-	2.24	-	-
Illinois	1.36	NM	NM	NM	-	-
Indiana	0.15	4.05	1.44	-	-	-
Iowa	0.46	NM	NM	-	-	-
Kansas	-	5.31	NM	-	-	-
Kentucky	0.15	-	-	-	-	-
Louisiana	-	6.25	0.78	-	-	-
Maine	-	-	-	NM	-	-
Maryland	-	NM	NM	-	-	-
Massachusetts	NM	NM	NM	NM	-	-
Michigan	0.28	NM	9.14	NM	-	-
Minnesota	0.77	4.61	NM	1.88	-	-
Mississippi	0.56	8.51	0.89	-	-	-
Missouri	-	NM	9.63	NM	-	-
Montana	-	NM	-	0.64	-	-
Nebraska	-	NM	NM	0.15	-	-
Nevada	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-
New Mexico	0.34	-	4.84	NM	-	-
New York	-	0.37	0.35	0.64	-	-
North Carolina	-	-	-	0.25	-	-
North Dakota	-	-	-	-	-	-
Ohio	0.19	3.56	NM	-	-	-
Oklahoma	-	NM	0.96	-	-	-
Oregon	-	-	-	-	-	-
Pennsylvania	-	NM	NM	5.73	-	-
Rhode Island	-	NM	-	-	-	-
South Carolina	-	0.59	-	6.27	-	-
South Dakota	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-
Texas	0.53	NM	1.47	NM	-	-
Utah	-	NM	NM	NM	-	-
Vermont	-	NM	-	NM	-	-
Virginia	-	0.36	3.74	-11.93	-	-
Washington	-	-	-	0.09	-	-
West Virginia	-	-	-	-	-	-
Wisconsin	0.14	NM	4.82	5.95	-	-
Wyoming	-	-	-	7.54	-	-

[1] Includes geothermal, wood, waste, wind, and solar.

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • 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 2002 are preliminary.

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

Table C6. Relative Standard Error for Electric Utility Fuel Consumption by State, November 2002
(Percent)

State	Consumption		
	Coal	Petroleum	Gas
Alabama	-	-	-
Alaska	-	NM	0.97
Arizona	-	-	-
Arkansas	-	1.64	-
California	-	-	0.99
Colorado	-	1.6	1.43
Connecticut	-	NM	-
Delaware	-	NM	-
Florida	-	0.02	0.02
Georgia	0.06	-	NM
Hawaii	-	-	-
Idaho	-	-	-
Illinois	1.35	NM	NM
Indiana	0.19	5.65	0.85
Iowa	0.48	NM	6
Kansas	-	5.47	NM
Kentucky	0.18	-	-
Louisiana	-	4.65	0.4
Maine	-	-	-
Maryland	-	NM	NM
Massachusetts	NM	NM	NM
Michigan	0.31	NM	2.74
Minnesota	0.99	NM	NM
Mississippi	0.64	8.17	0.46
Missouri	-	NM	6.47
Montana	-	NM	-
Nebraska	-	NM	NM
Nevada	-	-	-
New Hampshire	-	-	-
New Jersey	-	-	-
New Mexico	0.33	-	5.47
New York	-	0.36	0.2
North Carolina	-	-	-
North Dakota	-	-	-
Ohio	0.25	2.81	7.91
Oklahoma	-	NM	0.43
Oregon	-	-	-
Pennsylvania	-	NM	NM
Rhode Island	-	NM	-
South Carolina	-	0.45	-
South Dakota	-	-	-
Tennessee	-	-	-
Texas	0.63	NM	0.72
Utah	-	NM	NM
Vermont	-	NM	-
Virginia	-	0.39	1.98
Washington	-	-	-
West Virginia	-	-	-
Wisconsin	0.13	NM	1.98
Wyoming	-	-	-

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • 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 2002 are preliminary.

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

Table C7. Relative Standard Error for Nonutility Net Generation by Census Division, November 2002

(Percent)

Census Division	Coal	Petroleum	Gas	Hydroelectric	Nuclear	Other[1]
New England	3.1	5.8	2.0	3.3	-	9.7
Mid Atlantic	0.9	5.7	2.6	3.1	-	1.8
East North Central	0.9	NM	9.0	NM	-	8.2
West North Central	NM	NM	NM	NM	-	8.3
South Atlantic	0.5	NM	9.9	1.0	-	2.3
East South Central	1.5	NM	NM	2.2	-	4.8
West South Central	0.2	6.8	1.1	1.5	-	2.4
Mountain	1.0	NM	2.6	2.8	-	NM
Pacific Contiguous	2.9	9.8	2.9	NM	-	6.4
Pacific Noncontiguous	NM	9.6	NM	NM	-	NM

[1] Includes geothermal, wood, waste, wind, and solar.

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • 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 2002 are preliminary.

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

Table C8. Relative Standard Error for Nonutility Fuel Consumption and Stocks by Census Division, November 2002

(Percent)

Census Division	Consumption			Stocks	
	Coal	Petroleum	Gas	Coal	Petroleum
New England	3.1	5.7	3.4	-	-
Mid Atlantic	1.1	6.0	5.1	-	-
East North Central	0.8	NM	NM	-	-
West North Central	NM	NM	NM	-	-
South Atlantic	1.0	NM	6.0	-	-
East South Central	3.7	NM	NM	-	-
West South Central	0.5	NM	2.3	-	-
Mountain	1.2	NM	3.8	-	-
Pacific Contiguous	2.5	NM	3.3	-	-
Pacific Noncontiguous	NM	8.4	NM	-	-

NM = This estimated value is not meaningful due to either insufficient data, large data revisions or the impact that round-off has on small numbers.

Notes: • 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 2002 are preliminary.

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

Glossary

Ampere: The unit of measurement of electrical current produced in a circuit by 1 volt acting through a resistance of 1 ohm.

Anthracite: A hard, black lustrous coal, often referred to as hard coal, containing a high percentage of fixed carbon and a low percentage of volatile matter. Comprises three groups classified according to the following ASTM Specification D388-84, on a dry mineral-matter-free basis:

	Fixed Carbon Limits		Volatile Matter	
	GE	LT	GT	LE
Meta-Anthracite	98	-	-	2
Anthracite	92	98	2	8
Semiathracite	86	92	8	14

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 volumetric unit of measure for crude oil and petroleum products equivalent to 42 U.S. gallons.

Baseload: The minimum amount of electric power delivered or required over a given period of time at a steady rate.

Baseload Capacity: The generating equipment normally operated to serve loads on an around-the-clock basis.

Baseload Plant: A plant, usually housing high-efficiency steam-electric units, which is normally operated to take all or part of the minimum load of a system, and which consequently produces electricity at an essentially constant rate and runs continuously. These units are operated to maximize system mechanical and thermal efficiency and minimize system operating costs.

Bcf: The abbreviation for 1 billion cubic feet.

Bituminous Coal: The most common coal. It is dense and black (often with well-defined bands of bright and dull material). Its moisture content usually is less than 20 percent. It is used for generating electricity, making coke, and space heating. Comprises five groups classified according to the following ASTM Specification D388-84, on a dry mineral-matter-free (mmf) basis for fixed-carbon and volatile matter and a moist mmf basis for calorific value.

	Fixed Carbon Limits		Volatile Matter Limits		Calorific Value Limits Btu/lb	
	GE	LT	GT	LT	GE	LE
LV	78	86	14	22	-	-
MV	69	78	22	31	-	-
HVA	-	69	31	-	14000	-
HVB	-	-	-	-	13000	14000
HVC	-	-	-	-	10500	13000

LV = Low-volatile bituminous coal
MV = Medium-volatile bituminous coal
HVA = High-volatile A bituminous coal
HVB = High-volatile B bituminous coal
HVC = High-volatile C bituminous coal

Boiler: A device for generating steam for power, processing, or heating purposes or for producing hot water for heating purposes or hot water supply. Heat from an external combustion source is transmitted to a fluid contained within the tubes in the boiler shell. This fluid is delivered to an end-use at a desired pressure, temperature, and quality.

Btu (British Thermal Unit): A standard unit for measuring the quantity of heat energy equal to the quantity of heat required to raise the temperature of 1 pound of water by 1 degree Fahrenheit.

Capability: The maximum load that a generating unit, generating station, or other electrical apparatus can carry under specified conditions for a given period of time without exceeding approved limits of temperature and stress.

Capacity: The full-load continuous rating of a generator, prime mover, or other electric equipment under specified conditions as designated by the manufacturer. It is usually indicated on a nameplate attached to the equipment.

Capacity (Purchased): The amount of energy and capacity available for purchase from outside the system.

Census Divisions: The nine geographic divisions of the United States established by the Bureau of the Census, U.S. Department of Commerce, for the purpose of statistical analysis. The boundaries of Census divisions coincide with State boundaries. The Pacific Division is subdivided into the Pacific Contiguous and Pacific Noncontiguous areas.

Circuit: A conductor or a system of conductors through which electric current flows.

Coal: A black or brownish-black solid combustible substance formed by the partial decomposition of vegetable matter without access to air. The rank of coal, which includes anthracite, bituminous coal, subbituminous coal, and lignite, is based on fixed carbon, volatile matter, and heating value. Coal rank indicates the progressive alteration from lignite to anthracite. Lignite contains approximately 9 to 17 million Btu per ton. The contents of subbituminous and bituminous coal range from 16 to 24 million Btu per ton and from 19 to 30 million Btu per ton, respectively. Anthracite contains approximately 22 to 28 million Btu per ton.

Coincidental Demand: The sum of two or more demands that occur in the same time interval.

Coincidental Peak Load: The sum of two or more peak loads that occur in the same time interval.

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 factor is 5 barrels (42 U.S. gallons each) per short ton.

Combined Pumped-Storage Plant: A pumped-storage hydroelectric power plant that uses both pumped water and natural streamflow to produce electricity.

Commercial Operation: Commercial operation begins when control of the loading of the generator is turned over to the system dispatcher.

Compressor: A pump or other type of machine using a turbine to compress a gas by reducing the volume.

Consumption (Fuel): The amount of fuel used for gross generation, providing standby service, start-up and/or flame stabilization.

Contract Receipts: Purchases based on a negotiated agreement that generally covers a period of 1 or more years.

Cost: The amount paid to acquire resources, such as plant and equipment, fuel, or labor services.

Crude Oil (including Lease Condensate): A mixture of hydrocarbons that existed in liquid phase in underground reservoirs and that remains liquid at atmospheric pressure after passing through surface separating facilities. Included are lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and shale oil. Drip gases are also included, but topped crude oil (residual oil) and other unfinished oils are excluded. Liquids produced at natural gas processing plants and mixed with crude oil are likewise excluded where identifiable.

Current (Electric): A flow of electrons in an electrical conductor. The strength or rate of movement of the electricity is measured in amperes.

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.

Demand Interval: The time period during which flow of electricity is measured (usually in 15-, 30-, or 60-minute increments.)

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 Utility: An enterprise that is engaged in the generation, transmission, or distribution of electric energy primarily for use by the public and that is the major power supplier within a designated service area. Electric utilities include investor-owned, publicly owned, cooperatively owned, and government-owned (municipals, Federal agencies, State projects, and public power districts) systems.

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 Deliveries: Energy generated by one electric utility system and delivered to another system through one or more transmission lines.

Energy Receipts: Energy generated by one electric utility system and received by another system through one or more transmission lines.

Energy Source: The primary source that provides the power that is converted to electricity through chemical, mechanical, or other means. Energy sources include coal, petroleum and petroleum products, gas, water, uranium, wind, sunlight, geothermal, and other sources.

Fahrenheit: A temperature scale on which the boiling point of water is at 212 degrees above zero on the scale and the freezing point is at 32 degrees above zero at standard atmospheric pressure.

Failure or Hazard: Any electric power supply equipment or facility failure or other event that, in the judgment of the reporting entity, constitutes a hazard to maintaining the continuity of the bulk electric power supply system such that a load reduction action may become necessary and a reportable outage may occur. The imposition of a special operating procedure, the extended purchase of emergency power, other bulk power system actions that may be caused by a natural disaster, a major equipment failure that would impact the bulk power supply, and an environmental and/or regulatory action requiring equipment outages are types of abnormal conditions that should be reported.

Firm Gas: Gas sold on a continuous and generally long-term contract.

Fossil Fuel: Any naturally occurring organic fuel, such as petroleum, coal, and natural gas.

Fossil-Fuel Plant: A plant using coal, petroleum, or gas as its source of energy.

Fuel: Any substance that can be burned to produce heat; also, materials that can be fissioned in a chain reaction to produce heat.

Fuel Emergencies: An emergency that exists when supplies of fuels or hydroelectric storage for generation are at a level or estimated to be at a level that would threaten the reliability or adequacy of bulk electric power supply. The following factors should be taken into account to determine that a fuel emergency exists: (1) Fuel stock or hydroelectric project water storage levels are 50 percent or less of normal for that particular time of the year and a continued downward trend in fuel stock or hydroelectric project water storage level are estimated; or (2) Unscheduled dispatch or emergency generation is causing an abnormal use of a particular fuel type, such that the future supply or stocks of that fuel could reach a level which threatens the reliability or adequacy of bulk electric power supply.

Gas: A fuel burned under boilers and by internal combustion engines for electric generation. These include natural, manufactured and waste gas.

Generation (Electricity): The process of producing electric energy by transforming other forms of energy; also, the amount of electric energy produced, expressed in watthours (Wh).

Gross Generation: The total amount of electric energy produced by the generating units at a generating station or stations, measured at the generator terminals.

Net Generation: Gross generation less the electric energy consumed at the generating station for station use.

Generator: A machine that converts mechanical energy into electrical energy.

Generator Nameplate Capacity: The full-load continuous rating of a generator, prime mover, or other electric power production equipment under specific conditions as designated by the manufacturer. Installed generator nameplate rating is usually indicated on a nameplate physically attached to the generator.

Geothermal Plant: A plant in which the prime mover is a steam turbine. The turbine is driven either by steam produced from hot water or by natural steam that derives its energy from heat found in rocks or fluids at various depths beneath the surface of the earth. The energy is extracted by drilling and/or pumping.

Gigawatt (GW): One billion watts.

Gigawatthour (GWh): One billion watthours.

Gross Generation: The total amount of electric energy produced by a generating facility, as measured at the generator terminals.

Heavy Oil: The fuel oils remaining after the lighter oils have been distilled off during the refining process. Except for start-up and flame stabilization, virtually all petroleum used in steam plants is heavy oil.

Horsepower: A unit for measuring the rate of work (or power) equivalent to 33,000 foot-pounds per minute or 746 watts.

Hydroelectric Plant: A plant in which the turbine generators are driven by falling water.

Instantaneous Peak Demand: The maximum demand at the instant of greatest load.

Integrated Demand: The summation of the continuously varying instantaneous demand averaged over a specified interval of time. The information is usually determined by examining a demand meter.

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.

Interruptible Gas: Gas sold to customers with a provision that permits curtailment or cessation of service at the discretion of the distributing company under certain circumstances, as specified in the service contract.

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: A brownish-black coal of low rank with high inherent moisture and volatile matter (used almost exclusively for electric power generation). It is also referred to as brown coal. Comprises two groups classified according to the following ASTM Specification D388-84 for calorific values on a moist material-matter-free basis:

	Limits Btu/lb.	
	GE	LT
Lignite A	6,300	8,300
Lignite B	-	6,300

Maximum Demand: The greatest of all demands of the load that has occurred within a specified period of time.

Mcf: One thousand cubic feet.

Megawatt (MW): One million watts.

Megawatthour (MWh): One million watthours.

MMcf: One million cubic feet.

Natural Gas: A naturally occurring mixture of hydrocarbon and nonhydrocarbon gases found in porous geological formations beneath the earth's surface, often in association with petroleum. The principal constituent is methane.

Net Energy for Load: Net generation of main generating units that are system-owned or system-operated plus energy receipts minus energy deliveries.

Net Generation: Gross generation minus plant use from all electric utility owned plants. The energy required for pumping at a pumped-storage plant is regarded as plant use and must be deducted from the gross generation.

Net Summer Capability: The steady hourly output, which generating equipment is expected to supply to system load exclusive of auxiliary power, as demonstrated by tests at the time of summer peak demand.

Noncoincidental Peak Load: The sum of two or more peak loads on individual systems that do not occur in the same time interval. Meaningful only when considering loads within a limited period of time, such as a day, week, month, a heating or cooling season, and usually for not more than 1 year.

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:

ASCC – Alaskan System Coordination Council
ECAR – East Central Area Reliability Coordination Agreement
ERCOT – Electric Reliability Council of Texas
FRCC – Florida Reliability Coordinating Council
MAIN – Mid-America Interconnected Network
MAAC – Mid-Atlantic Area Council
MAPP – Mid-Continent Area Power Pool
NPCC – Northeast Power Coordinating Council
SERC – Southeastern Electric Reliability Council
SPP – Southwest Power Pool
WSCC – Western Systems Coordinating Council

Nuclear Fuel: Fissionable materials that have been enriched to such a composition that, when placed in a nuclear reactor, will support a self-sustaining fission chain reaction, producing heat in a controlled manner for process use.

Nuclear Power Plant: A facility in which heat produced in a reactor by the fissioning of nuclear fuel is used to drive a steam turbine.

Off-Peak Gas: Gas that is to be delivered and taken on demand when demand is not at its peak.

Ohm: The unit of measurement of electrical resistance. The resistance of a circuit in which a potential difference of 1 volt produces a current of 1 ampere.

Operable Nuclear Unit: A nuclear unit is "operable" after it completes low-power testing and is granted authorization to operate at full power. This occurs when it receives its full power amendment to its operating license from the Nuclear Regulatory Commission.

Other Gas: Includes manufactured gas, coke-oven gas, blast-furnace gas, and refinery gas. Manufactured gas is obtained by distillation of coal, by the thermal decomposition of oil, or by the reaction of steam passing through a bed of heated coal or coke.

Other Generation: Electricity originating from these sources: biomass, fuel cells, geothermal heat, solar power, waste, wind, and wood.

Other Unavailable Capability: Net capability of main generating units that are unavailable for load for reasons other than full-forced outrage or scheduled maintenance. Legal restrictions or other causes make these units unavailable.

Peak Demand: The maximum load during a specified period of time.

Peak Load Plant: A plant usually housing old, low-efficiency steam units; gas turbines; diesels; or pumped-storage hydroelectric equipment normally used during the peak-load periods.

Peaking Capacity: Capacity of generating equipment normally reserved for operation during the hours of highest daily, weekly, or seasonal loads. Some generating equipment may be operated at certain times as peaking capacity and at other times to serve loads on an around-the-clock basis.

Percent Difference: 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 mixture of hydrocarbons existing in the liquid state found in natural underground reservoirs, often associated with gas. Petroleum includes fuel oil No. 2, No. 4, No. 5, No. 6; topped crude; Kerosene; and jet fuel.

Petroleum Coke: See Coke (Petroleum).

Petroleum (Crude Oil): A naturally occurring, oily, flammable liquid composed principally of hydrocarbons. Crude oil is occasionally found in springs or pools but usually is drilled from wells beneath the earth's surface.

Plant: A facility at which are located prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or nuclear energy into electric energy. A plant may contain more than one type of prime mover. Electric utility plants exclude facilities that satisfy the definition of a qualifying facility under the Public Utility Regulatory Policies Act of 1978.

Plant Use: The electric energy used in the operation of a plant. Included in this definition is the energy required for pumping at pumped-storage plants.

Plant-Use Electricity: The electric energy used in the operation of a plant. This energy total is subtracted from the gross energy production of the plant; for reporting purposes the plant energy production is then reported as a net figure. The energy required for pumping at pumped-storage plants is, by definition, subtracted, and the energy production for these plants is then reported as a net figure.

Power: The rate at which energy is transferred. Electrical energy is usually measured in watts. Also used for a measurement of capacity.

Price: The amount of money or consideration-in-kind for which a service is bought, sold, or offered for sale.

Prime Mover: The motive force that drives an electric generator (e.g., steam engine, turbine, or water wheel).

Production (Electric): Act or process of producing electric energy from other forms of energy; also, the amount of electric energy expressed in watthours (Wh).

Pumped-Storage Hydroelectric Plant: A plant that usually generates electric energy during peak-load periods 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.

Pure Pumped-Storage Hydroelectric Plant: A plant that produces power only from water that has previously been pumped to an upper reservoir.

Qualifying Facility (QF): This is a cogenerator or small power producer that meets certain ownership, operating and efficiency criteria established by the Federal Energy Regulatory Commission (FERC) pursuant to the PURPA, and has filed with the FERC for QF status or has self-certified. For additional information, see the Code of Federal Regulation, Title 18, Part 292.

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.

Reserve Margin (Operating): The amount of unused available capability of an electric power system at peak load for a utility system as a percentage of total capability.

Restoration Time: The time when the major portion of the interrupted load has been restored and the emergency is considered to be ended. However, some of the loads interrupted may not have been restored due to local problems.

Restricted-Universe Census: This is the complete enumeration of data from a specifically defined subset of entities including, for example, those that exceed a given level of sales or generator nameplate capacity.

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.

Running and Quick-Start Capability: The net capability of generating units that carry load or have quick-start capability. In general, quick-start capability refers to generating units that can be available for load within a 30-minute period.

Sales: The amount of kilowatthours sold in a given period of time; usually grouped by classes of service, such as residential, commercial, industrial, and other. Other sales include public street and highway lighting, other sales to public authorities and railways, and interdepartmental sales.

Sales for Resale: Energy supplied to other electric utilities, cooperatives, municipalities, and Federal and State electric agencies for resale to ultimate consumers.

Scheduled Outage: The shutdown of a generating unit, transmission line, or other facility, for inspection or maintenance, in accordance with an advance schedule.

Short Ton: A unit of weight equal to 2,000 pounds.

Spot Purchases: A single shipment of fuel or volumes of fuel, purchased for delivery within 1 year. Spot purchases are often made by a user to fulfill a certain portion of energy requirements, to meet unanticipated energy needs, or to take advantage of low-fuel prices.

Standby Facility: A facility that supports a utility system and is generally running under no-load. It is available to replace or supplement a facility normally in service.

Standby Service: Support service that is available, as needed, to supplement a consumer, a utility system, or to another utility if a schedule or an agreement authorizes the transaction. The service is not regularly used.

Steam-Electric 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: 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 at separate storage sites.

Subbituminous Coal: Subbituminous coal, or black lignite, is dull black and generally contains 20 to 30 percent moisture. The heat content of subbituminous coal ranges from 16 to 24 million Btu per ton as received and averages about 18 million Btu per ton. Subbituminous coal, mined in the western coal fields, is used for generating electricity and space heating.

Substation: Facility equipment that switches, changes, or regulates electric voltage.

Sulfur: One of the elements present in varying quantities in coal which contributes to environmental degradation when coal is burned. In terms of sulfur content by weight, coal is generally classified as low (less than or equal to 1 percent), medium (greater than 1 percent and less than or equal to 3 percent), and high (greater than 3 percent). Sulfur content is measured as a percent by weight of coal on an "as received" or a "dry" (moisture-free, usually part of a laboratory analysis) basis.

Switching Station: Facility equipment used to tie together two or more electric circuits through switches. The switches are selectively arranged to permit a circuit to be disconnected, or to change the electric connection between the circuits.

System (Electric): Physically connected generation, transmission, and distribution facilities operated as an integrated unit under one central management, or operating supervision.

Transformer: An electrical device for changing the voltage of alternating current.

Transmission: The movement or transfer of electric energy over an interconnected group of lines and associated equipment between points of supply and points at which it is transformed for delivery to consumers, or is delivered to other electric systems. Transmission is considered to end when the energy is transformed for distribution to the consumer.

Transmission System (Electric): An interconnected group of electric transmission lines and associated equipment for moving or transferring electric energy in bulk between points of supply and points at which it is transformed for delivery over the distribution system lines to consumers, or is delivered to other electric systems.

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.

Watt: The electrical unit of power. The rate of energy transfer equivalent to 1 ampere flowing under a pressure of 1 volt at unity power factor.

Watthour (Wh): An electrical energy unit of measure equal to 1 watt of power supplied to, or taken from, an electric circuit steadily for 1 hour.

Wheeling Service: The movement of electricity from one system to another over transmission facilities of intervening systems. Wheeling service contracts can be established between two or more systems.

Year to Date: The cumulative sum of each month's value starting with January and ending with the current month of the data.