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Electric Power Monthly
March 2003

With Data for December 2002

Energy Information Administration
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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Illustrations

Monthly Update

Net Generation Year-to-Date 2002

In 2002, total U.S. net generation of electricity was 3,841 billion kilowatthours, 2 percent above what was reported for the corresponding period in 2001. Fifty 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— December 2002

Net Generation. Total U.S. net generation of electricity was 323 billion kilowatthours, 6 percent above the amount reported in December 2001. Electric utilities generated 212 billion kilowatthours (65 percent of total generation) and nonutility power producers generated 112 billion kilowatthours (35 percent of total generation). At utilities, fossil fuels (primarily coal) accounted for 70 percent of net generation, followed by 21 percent from nuclear, and 9 percent from renewable resources (including hydro). At nonutilities, fossil fuels (primarily coal) accounted for 69 percent of total generation, followed by 23 percent from nuclear, and 8 percent from renewables (including hydro).

Utility Retail Sales. Total sales of electricity to ultimate consumers in the United States were 284 billion kilowatthours, 15 billion kilowatthours (6 percent) more than reported in December 2001. The residential sector had sales of 109 billion kilowatthours, 13 percent more than reported in December 2001. Retail sales in the commercial were 3 percent more than reported a year ago. Sales in the industrial sector were up slightly more than reported a year ago.

Utility Fuel Receipts, Costs, and Quality— November 2002

Coal. Receipts of coal at electric utilities totaled 60 million short tons, 1 million short tons more than the amount reported in November 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 totaled 5.6 million barrels, down 500 thousand barrels from the level reported in November 2001. Gas receipts totaled 95 billion cubic feet (Bcf), down from 111 Bcf reported in November 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 11-month weighted average costs were $3.68 and $3.60 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]

- With the 2003 economy expected to continue to recover, electricity demand is expected to increase less than 1 percent. Little or no net weather-related demand growth would be expected under our assumption of normal temperatures for the remainder of the year. Demand growth of 2.9 percent in 2002 was based on both weather-related and economic-related factors.

- Under normal weather assumptions, this summer's cooling degree-days would be well below those of last summer, which was 9.7 percent hotter than normal. Thus, summer 2003 electricity demand is expected to be about 1.0 percent lower than comparable 2002 levels.

- Natural gas-generated electricity production is expected to drop 7.5 percent in 2003, largely due to the high natural gas prices seen so far (see below) and expected through the year. Hydroelectric generation, while down in the Pacific Northwest, is up in other parts of the country due to high water levels and is expected to increase by 12 percent overall in 2003.

- The spot prices of natural gas remain historically and unseasonably high, hovering around $5.00 per million btu. Natural gas prices will likely stay above $4.00 per million through the entire year. Cold weather during the end of the winter diminished underground storage to historically low levels for this time of the year. By the end of March, working natural gas in storage stood about 54 percent below end-March 2002 and 42 percent below the previous 5-year average.

- Cool summer weather and falling crude oil prices could relieve storage pressures, but the reverse also holds. Hot summer weather, in regions of the country where electricity generation depends on natural gas, could lower needed high storage injections and prices could once again soar above $6.00 during the heating season.

[1]Energy Information Administration, *Short-Term Energy Outlook: March 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	490.7	432.9	509.4	474.4	1907.3
Petroleum	27.4	28.5	30.7	23.7	110.3
Natural Gas	111.1	106.3	186.1	111.6	515.0
Nuclear	194.6	190.8	205.3	190.4	781.1
Hydroelectric	72.5	79.7	67.5	64.6	284.3
Geothermal and Other[b]	13.6	13.6	15.1	13.5	55.9
Subtotal	909.9	851.8	1014.1	878.2	3654.0
Other Sectors[c]	44.0	51.1	59.4	53.4	207.8
Total Generation	953.9	902.9	1073.5	931.5	3861.8
Net Imports[d]	6.1	7.7	11.1	6.6	31.4
Total Supply	960.0	910.6	1084.6	938.1	3893.3
Losses and Unaccounted for[e]	28.4	34.0	41.3	54.0	157.6
Demand					
Retail Sales[f]					
Residential	341.8	271.9	380.8	285.9	1280.5
Commercial	271.1	276.4	314.8	268.9	1131.3
Industrial	231.0	239.8	250.7	241.4	962.9
Other	26.9	26.7	30.3	27.3	111.2
Subtotal	870.7	814.8	976.7	823.5	3485.8
Other Use/Sales[g]	60.9	61.8	66.6	60.5	249.8
Total Demand	931.6	876.7	1043.3	884.1	3735.7

[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, December 2002

Census Division	Number of Degree-Days			Percent Change	
	Normal[a]	2001	2002	Normal to 2002	2001 to 2002
New England	1,078	895	1,061	-2	18
Middle Atlantic	998	805	1,013	2	26
East North Central	1,135	931	1,031	-9	11
West North Central	956	1,056	1,052	10	(S)
South Atlantic	719	429	575	-20	34
East South Central	715	585	696	-3	19
West South Central	520	450	462	-11	3
Mountain	928	923	813	-12	-12
Pacific Contiguous[b]	563	558	441	-22	-21
U.S. Average[b]	**827**	**693**	**757**	**-8**	**9**

[a] "Normal" is based on calculations using temperature data from 1961 through 1990.
[b] Excludes Alaska and Hawaii.
NM = Not meaningful.
S = Less than 0.5 percent and greater than –0.5 percent
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, December 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	30	47	18	NM	NM
East South Central	3	4	0	NM	NM
West South Central	10	20	7	NM	NM
Mountain	0	0	0	NM	NM
Pacific Contiguous	0	0	0	NM	NM
U.S. Average[b]	**7**	**11**	**4**	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 Inc	U	McWilliams	AL	VAN1	139.0	NG	CT
				VAN2	139.0	NG	CT
				VAN3	147.0	NG	CA
Altamont City of	U	Altamont	IL	1	1.8	DFO	IC
				2	1.8	DFO	IC
				3	1.8	DFO	IC
				4	1.8	DFO	IC
Benson City of	U	Benson	MN	9	1.8	DFO	IC
Greenfield City of	U	North	IA	1	1.8	DFO	IC
				2	1.8	DFO	IC
Kissimmee Utility Authority	U	Cane Island	FL	3	144.0	NG	CT
				3A	71.0	NG	CA
Murray City of	U	Murray Turbine	UT	3	135.0	NG	GT
Seminole Electric Coop Inc	U	Payne Creek	FL	CT1A	157.0	NG	CT
				CT1B	157.0	NG	CT
				ST1	174.0	NG	CA
Strawberry Point City of	U	South Strawberry	IA	1A	1.8	DFO	IC
				2A	1.8	DFO	IC
Viola Village of	U	Viola	WI	3	1.8	DFO	IC
AES Energy Services	N	Desert Sky Wind Farm	TX	1	160.5	Wind	WT
Cogen Technologies Linden Vent	N	Linden Cogen	NJ	GTG6	182.8	NG	CT
Griffith Energy LLC	N	Griffith Energy	AZ	CTG1	151.4	NG	CT
				CTG2	151.4	NG	CT
				STG	259.5	NG	CA
Liberty Electric Power LLC	N	Liberty Electric Power	PA	1	160.0	NG	CT
				2	160.0	NG	CT
				3	154.0	NG	CA
Northwestern Wind Power LLC	N	Klondike Wind Farm	OR	Ph 1	25.0	Wind	WT
Shady Hills Power Co LLC	N	Shady Hills Generating	FL	G101	154.7	NG	GT
				G201	154.7	NG	GT
				G301	154.7	NG	GT
TPS-Arkansas Operations	N	Union Power	AR	CTG1	151.0	NG	CT
February							
Chanute City of	U	Chanute 2	KS	14	49.0	NG	GT
Graettinger City of	U	Graettinger	IA	6	2.0	DFO	IC
Mt Pleasant City of	U	Mt Pleasant	IA	1	2.0	DFO	IC
				10	2.0	DFO	IC
				11	2.0	DFO	IC
				12	2.0	DFO	IC
				2	2.0	DFO	IC
				3	2.0	DFO	IC
				4A	2.0	DFO	IC
				5A	2.0	DFO	IC
				6	2.0	DFO	IC
				7	2.0	DFO	IC
				8	2.0	DFO	IC
				9	2.0	DFO	IC
Russell City of	U	Russell Energy Cntr	KS	T-1	6.4	NG	GT
				T-2	6.4	NG	GT
Calpine Corp	N	Gilroy Energy Center	CA	S5	38.3	NG	GT
Green Country OP Services LLC	N	Green Country Energy	NC	CTG1	138.5	NG	CT
				CTG2	138.5	NG	CT
				CTG3	138.5	NG	CT
				STG1	91.2	NG	CA
				STG2	91.2	NG	CA
				STG3	91.2	NG	CA
Merchant Energy Partners	N	Aries	MO	ST-1	227.9	NG	CA
Stora Enso North America	N	Stevens Point Mill	WI	SP	7.1	NG	ST
Tri-State Power LLC	N	Limon Generating	CO	L1	65.5	NG	GT
				L2	65.5	NG	GT
United States Steel-Mon Valley	N	Mon Valley Works	PA	GEN3	1.9	BFG	ST
Williams Generation Co-Hazeltn	N	Continental Energy	PA	GEN3	28.1	NG	GT
March							
South Carolina Pub Serv Auth	U	John S Rainey	SC	CT2A	140.2	NG	GT
AES Red Oak LLC	N	Red Oak	NJ	1	182.3	NG	CT
				2	182.3	NG	CT
				3	182.3	NG	CT
Catawba County	N	Blackburn Cogen	NC	BB3	0.9	LFG	OT

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
La Paloma Generating Co LLC	N	La Paloma Generating	CA	GEN1	240.8	NG	CS
				GEN2	240.8	NG	CS
				GEN3	240.8	NG	CS
				GEN4	240.8	NG	CS
New Hanover County	N	New Hanover County	NC	4TG	3.9	MSW	ST
NRG North Central Op Inc	N	Kendall County	IL	CTG1	171.1	NG	CT
				STG1	108.9	NG	CA
Oleander Power Project LP	N	Oleander Power Project	FL	OG1	168.3	NG	GT
				OG2	168.3	NG	GT
				OG3	168.3	NG	GT
				OG4	168.3	NG	GT
Plains End LLC	N	Plains End	CO	GE10	5.6	NG	IC
				GE11	5.6	NG	IC
				GE12	5.6	NG	IC
				GE13	5.6	NG	IC
				GE14	5.6	NG	IC
				GE15	5.6	NG	IC
				GE16	5.6	NG	IC
				GE17	5.6	NG	IC
				GE18	5.6	NG	IC
				GE19	5.6	NG	IC
				GE20	5.6	NG	IC
				GEN1	5.6	NG	IC
				GEN2	5.6	NG	IC
				GEN3	5.6	NG	IC
				GEN4	5.6	NG	IC
				GEN5	5.6	NG	IC
				GEN6	5.6	NG	IC
				GEN7	5.6	NG	IC
				GEN8	5.6	NG	IC
				GEN9	5.6	NG	IC
Pleasants Energy LLC	N	Pleasants Energy LLC	WV	1	146.2	NG	GT
				2	146.2	NG	GT
Renaissance Power LLC	N	Renaissance Power LLC	MI	CT1	144.5	NG	GT
				CT2	144.5	NG	GT
				CT3	144.5	NG	GT
				CT4	144.5	NG	GT
April							
Delaware Municipal Electric Corp	U	NA1	DE	1	38.0	NG	GT
Gulf Power Co	U	Lansing Smith	FL	3A	148.0	NG	CT
				3B	148.0	NG	CT
				3C	155.0	NG	CA
Lakeland City of	U	Winston	FL	WD01	12.2	DFO	IC
				WD02	12.2	DFO	IC
				WD03	12.2	DFO	IC
				WD04	12.2	DFO	IC
Marshall City of	U	Marshall	IL	10	2.0	DFO	IC
				11	2.0	DFO	IC
				6	2.0	DFO	IC
				7	2.0	DFO	IC
				8	2.0	DFO	IC
				9	2.0	DFO	IC
Oglethorpe Power Corp	U	Talbot County Energy	GA	2	103.0	NG	GT
Omaha Public Power District	U	Douglas Co Lf	NE	1	0.8	LFG	IC
				2	0.8	LFG	IC
				3	0.8	LFG	IC
				4	0.8	LFG	IC
Rochester Public Utilities	U	Cascade Creek	MN	2	42.0	NG	GT
Shelbina City of	U	Shelbina Power #3	MO	G7	1.8	DFO	IC
				G8	1.8	DFO	IC
Tampa Electric Co	U	Polk	FL	3	166.0	NG	GT
Winterset City of	U	Winterset	IA	5	2.0	DFO	IC
				6	2.0	DFO	IC
				7	2.0	DFO	IC
AES Red Oak LLC	N	Red Oak	NJ	4	283.8	NG	CA
ANP Operations Co - Hayes	N	Hays	TX	U2	240.8	NG	CS
Channel Energy Center	N	Channel Energy Center	TX	CTG2	184.9	NG	GT
Maytag Corp	N	The Hoover Co	TX	544	1.8	DFO	IC
				545	1.8	DFO	IC
NRG North Central Op Inc	N	Kendall County	IL	CTG2	171.1	NG	CT

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
				CTG3	171.1	NG	CT
				STG3	108.9	NG	CA
				STG4	108.9	NG	CA
Orion Power Operating Services	N	Liberty Generating	PA	GTG1	482.5	NG	CT
				GTG2	482.5	NG	CT
				STG	396.5	NG	CA
Southern Co Services Inc	N	Goat Rock CC	GA	1	169.0	NG	CA
				2	161.0	NG	CT
				3	161.0	NG	CT
Whiting Clean Energy Inc	N	Whiting Clean Energy	IN	CT1	183.2	NG	CT
				CT2	183.2	NG	CT
				ST1	183.2	NG	CA
May							
Arcadia City of	U	Arcadia Electric	WI	7	2.0	DFO	IC
Avista Corporation	U	Boulder Park	WA	1	3.0	NG	GT
				2	3.0	NG	GT
				3	3.0	NG	GT
				4	3.0	NG	GT
				5	3.0	NG	GT
				6	3.0	NG	GT
Brooklyn City of	U	North Plant	IA	6	2.0	DFO	IC
Louisville Gas & Electric Co	U	Trimble County	KY	5	148.0	NG	GT
				6	148.0	NG	GT
Oglethorpe Power Corp	U	Talbot County Energy	GA	1	103.0	NG	GT
Peru City of	U	Peru	IL	3	0.9	DFO	IC
				7	0.9	DFO	IC
South Carolina Pub Serv Auth	U	John S Rainey	SC	CT2B	140.0	NG	GT
Union Electric Co	U	Peno Creek	MO	GT1	51.0	NG	GT
				GT2	51.0	NG	GT
				GT3	51.0	NG	GT
				GT4	51.0	NG	GT
UtiliCorp United	U	Airport Industrial	CO	IC1	2.4	DFO	IC
				IC2	2.4	DFO	IC
				IC3	2.4	DFO	IC
				IC4	2.4	DFO	IC
Wilton City of	U	Wilton	IA	8	2.1	DFO	IC
				9	2.1	DFO	IC
ANP Operations Co - Hayes	N	Hays	TX	U1	240.8	NG	CS
Appleton Coates LLC	N	Combined Locks Energy	WI	GEN1	40.8	NG	GT
CalPeak Power LLC	N	CalPeak Power El Cajon	CA	CPP6	42.1	NG	GT
Calpine Eastern Corp	N	Auburndale	FL	CTP	98.2	NG	GT
Delta Energy Center LLC	N	Delta Energy Center	CA	CTG1	182.3	NG	CT
				CTG2	182.3	NG	CT
				CTG3	183.6	NG	CT
				STG1	263.1	NG	CA
Dominion Resources Inc	N	Armstrong Energy LLC	PA	1	146.0	NG	GT
				2	146.0	NG	GT
				3	146.0	NG	GT
				4	146.0	NG	GT
DTE Crete Operations LLC	N	Crete Energy Park	IL	GT1	75.7	NG	GT
				GT2	75.7	NG	GT
				GT3	75.7	NG	GT
				GT4	75.7	NG	GT
DTE East China LLC	N	DTE East China LLC	MI	GT1	76.0	NG	GT
				GT2	76.0	NG	GT
				GT3	76.0	NG	GT
				GT4	76.0	NG	GT
Duke Energy Enterprise LLC	N	Enterprise Energy	MS	CT1	68.0	NG	GT
				CT2	68.0	NG	GT
				CT3	68.0	NG	GT
				CT4	68.0	NG	GT
				CT5	68.0	NG	GT
				CT6	68.0	NG	GT
				CT7	68.0	NG	GT
				CT8	68.0	NG	GT
Duke Energy Southaven LLC	N	Duke Energy Southaven	MS	1	68.0	NG	GT
				2	68.0	NG	GT
				3	68.0	NG	GT
				4	68.0	NG	GT
				5	68.0	NG	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	68.0	NG	GT
				7	68.0	NG	GT
				8	68.0	NG	GT
El Paso Merchant Energy Co	N	Bastrop Energy Center	TX	1	155.0	NG	CT
				2	155.0	NG	CT
				3	155.0	NG	CA
Ennis Tractebel Power Co LP	N	Ennis Tractebel Power	TX	GT1	245.1	NG	CT
				ST1	114.4	NG	CA
Entergy Power Group	N	DeSoto County Power	FL	DES1	154.7	NG	GT
				DES2	154.7	NG	GT
Lake Road Generating Co LP	N	Lake Road	CT	U3	240.8	NG	CS
NRG North Central Op Inc	N	Kendall County	IL	CTG4	171.1	NG	CT
				STG2	108.9	NG	CA
Pacific Klamath Energy Inc	N	Klamath Expansion	OR	GT1	25.0	NG	GT
				GT2	25.0	NG	GT
				GT3	25.0	NG	GT
				GT4	25.0	NG	GT
PPL Sundance Energy LLC	N	Sundance Energy LLC	AZ	CT1	38.3	NG	GT
				CT2	38.3	NG	GT
				CT3	38.3	NG	GT
				CT4	38.3	NG	GT
				CT5	38.3	NG	GT
				CT6	38.3	NG	GT
Rio Nogales Power Project LP	N	Rio Nogales Power	TX	CTG1	150.5	NG	CT
				CTG2	150.5	NG	CT
				CTG3	150.5	NG	CT
				STG1	258.0	NG	CA
SeaWest Windpower Inc	N	Condon Windpower	OR	GEN2	25.2	Wind	WT
Tenaska Alabama Partners LP	N	Lindsay Hill	AL	GTG1	157.5	NG	CT
				GTG2	157.5	NG	CT
				GTG3	157.5	NG	CT
				STG1	335.5	NG	CA
Tri-State Power LLC	N	Brighton Generating	CO	BR1	65.5	NG	GT
				BR2	65.5	NG	GT
Vanderbilt University	N	Vanderbilt University	TN	GT1	4.0	NG	GT
June							
Alabama Power Co	U	Goat Rock	AL	1	490.2	NG	CC
Associated Electric Coop Inc	U	Holden	MO	1	77.6	NG	GT
				2	77.6	NG	GT
				3	77.6	NG	GT
Clarksdale City of	U	L L Wilkins	MS	3	65.5	NG	GT
				4	65.5	NG	GT
Maquoketa City of	U	Maquoketa 2	IA	13	2.0	DFO	IC
				14	2.0	DFO	IC
McLeansboro City of	U	McLeansboro	IL	9	2.0	DFO	IC
Northern States Power Co	U	Black Dog	MN	5	176.3	NG	CT
Oglethorpe Power Corp	U	Talbot County Energy	GA	3	103.0	NG	GT
				4	103.0	NG	GT
Platte River Power Authority	U	Rawhide	CO	A	76.0	NG	GT
Public Service Co of NM	U	Lordsburg Generating	NM	GT1	37.0	NG	GT
				GT2	37.0	NG	GT
Red Bud City of	U	Red Bud	IL	7	3.0	DFO	IC
				8	3.0	DFO	IC
Rock Falls City of	U	Industrial Park	IL	6	1.5	DFO	GT
				7	1.5	DFO	GT
South Carolina Electric&Gas Co	U	Urquhart	SC	CT1	80.0	NG	GT
				CT2	80.0	NG	GT
Sterling City of	U	Sterling	KS	7	1.4	DFO	IC
Wrangell City of	U	Wrangell	AK	13	2.0	DFO	IC
Allegheny Energy Supply Co LLC	N	Buchanan Generating	VA	1	42.9	OG	GT
				2	42.9	OG	GT
ANP Operations Co	N	Midlothian Energy	TX	STK5	248.5	NG	CS
				STK6	248.5	NG	CS
Aquila Services Inc	N	Raccoon Creek Energy	IL	CT01	97.0	NG	GT
				CT02	97.0	NG	GT
				CT03	97.0	NG	GT
				CT04	97.0	NG	GT
Bayswater Peaking Facility LLC	N	Bayswater Peaking	NY	1	49.0	NG	GT
Bluegrass Generation Co LLC	N	Bluegrass Generation Co	KY	CT1	176.8	NG	GT
				CT2	176.8	NG	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
				CT3	176.8	NG	GT
CalPeak Power LLC	N	CalPeak Power Vaca	CA	CPP1	42.1	NG	GT
Calpine Central LP	N	Baytown Energy Center	TX	CTG1	185.0	NG	CT
				CTG2	185.0	NG	CT
				CTG3	185.0	NG	CT
				STG1	309.6	NG	CA
Calpine Construction Fin Co LP	N	Decatur Cogen	AL	CTG1	155.0	NG	CT
				CTG2	155.0	NG	CT
				STG1	159.0	NG	ST
Calpine Corp-King City	N	King City	CA	CTG1	40.7	NG	CT
Dominion Resources Inc	N	Troy Energy LLC	OH	1	146.0	NG	GT
				2	146.0	NG	GT
				3	146.0	NG	GT
				4	146.0	NG	GT
DPL Energy LLC	N	Darby	OH	GT5	79.9	NG	GT
				GT6	79.9	NG	GT
DPL Energy LLC	N	Tait	OH	GT4	79.9	NG	GT
				GT5	79.9	NG	GT
				GT6	79.9	NG	GT
				GT7	79.9	NG	GT
Duke Egy Arlington Vly Egy LLC	N	Arlington Valley Energy	AZ	CTG1	151.0	NG	CT
				CTG2	151.0	NG	CT
				STG1	151.0	NG	CA
Duke Energy Hot Spring LLC	N	Hot Spring	AR	CT1	171.0	NG	CT
				CT2	171.0	NG	CT
				ST1	171.0	NG	CT
Duke Energy Marshall Cnty LLC	N	Marshall County	KY	CT1	68.0	NG	GT
				CT2	68.0	NG	GT
				CT3	68.0	NG	GT
				CT4	68.0	NG	GT
				CT5	68.0	NG	GT
Duke Energy Moapa LLC	N	Moapa Energy Facility	NV	CTG4	133.0	NG	GT
Duke Energy North America LLC	N	Duke Energy Murray	GA	1GT1	126.4	NG	CT
				1GT2	126.4	NG	CT
				1STG	259.7	NG	CA
Duke Energy Sandersville LLC	N	Duke Energy	GA	CT1	73.5	NG	GT
				CT2	73.5	NG	GT
				CT3	73.5	NG	GT
				CT4	73.5	NG	GT
Duke Energy Washington LLC	N	Washington Energy	OH	CT1	137.6	NG	CT
				CT2	137.6	NG	CT
				ST1	258.0	NG	CA
Entergy Power Group	N	DeSoto County Power	FL	DES3	154.7	NG	GT
Foothills Generating Co LLC	N	Foothills	KY	GTG4	195.5	NG	GT
				GTG5	195.5	NG	GT
Freestone Power Generation LP	N	Freestone Power	TX	GT1	142.0	NG	CT
				GT2	142.0	NG	CT
				ST3	159.0	NG	CA
Gas Recovery Services-IL Inc	N	Quad Cities	IL	2	1.0	LFG	IC
Hermiston Power Partnership	N	Hermiston Power Project	OR	CTG1	215.0	NG	CT
				CTG2	215.0	NG	CT
				STG1	267.0	NG	CA
Mirant Sugar Creek LLC	N	Mirant Sugar Creek	IN	CT01	131.0	NG	CT
				CT02	131.0	NG	CT
NRG Rockford II LLC	N	NRG Rockford I Energy	IL	1	154.8	NG	CT
				2	86.0	NG	CA
NRG Rockford II LLC	N	NRG Rockford II Energy	IL	GT3	141.1	NG	GT
PacifiCorp Power Marketing Inc	N	West Valley Generation	UT	U1	37.0	NG	GT
				U2	37.0	NG	GT
				U3	37.0	NG	GT
				U4	37.0	NG	GT
PPL Sundance Energy LLC	N	Sundance Energy LLC	AZ	CT10	38.3	NG	GT
				CT7	38.3	NG	GT
				CT8	38.3	NG	GT
				CT9	38.3	NG	GT
PPL University Park LLC	N	University Park Power	IL	1	38.3	NG	GT
				2	38.3	NG	GT
				3	38.3	NG	GT
				4	38.3	NG	GT
				5	38.3	NG	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	38.3	NG	GT
				7	38.3	NG	GT
				8	38.3	NG	GT
				9	38.3	NG	GT
PSEG Fossil LLC	N	Bergen	NJ	2101	150.0	NG	CT
				2201	150.0	NG	CT
				2301	222.0	NG	CA
Reliant Energy Oseola LLC	N	Osceola	FL	CTG3	170.0	NG	GT
Reliant Energy Power Ops I Inc	N	Channelview	TX	GT1	165.1	NG	CT
				GT2	165.1	NG	CT
				GT3	165.1	NG	CT
				ST1	129.0	NG	CA
Southeast Chicago Energy Proj	N	Southeast Chicago	IL	GT05	43.3	NG	GT
				GT06	43.3	NG	GT
				GT07	43.3	NG	GT
				GT08	43.3	NG	GT
				GT09	43.3	NG	GT
				GT10	43.3	NG	GT
				GT11	43.3	NG	GT
				GT12	43.3	NG	GT
Southern Co Services Inc	N	Wansley	GA	6	167.5	NG	CA
				7	167.5	NG	CA
				CT6	159.6	NG	CT
				CT6A	159.6	NG	CT
				CT7	159.5	NG	CT
				CT7A	159.6	NG	CT
Tenaska Georgia Partners LP	N	Tenaska Georgia	GA	GTG4	156.0	NG	GT
				GTG5	156.0	NG	GT
				GTG6	156.0	NG	GT
Vandolah Power Co LLC	N	Hardee	FL	G101	154.7	NG	GT
				G201	154.7	NG	GT
				G301	154.7	NG	GT
				G401	154.7	NG	GT
Williams Generation Co-Hazeltn	N	Continental Energy	PA	GEN2	28.1	NG	GT
				GEN4	28.1	NG	GT
Wisvest Corp	N	Calumet Energy Team	IL	CT1	132.6	NG	GT
				CT2	132.6	NG	GT
July							
Avista Corporation	U	Kettle Falls	WA	2	6.0	NG	GT
Benson City of	U	Benson	MN	10	1.8	DFO	IC
				11	1.8	DFO	IC
				7	1.8	DFO	IC
				8	1.8	DFO	IC
Clarksdale City of	U	Crossroads Energy	MS	CT01	65.1	NG	GT
				CT02	65.1	NG	GT
				CT03	65.1	NG	GT
				CT04	65.1	NG	GT
Delano City of	U	Delano	MN	9	11.0	NG	GT
FirstEnergy	U	Sumpter	MI	1	72.2	NG	GT
				2	72.2	NG	GT
				3	72.2	NG	GT
				4	72.2	NG	GT
Kansas Electric Power Coop Inc	U	Sharpe	KS	1	2.0	DFO	IC
				10	2.0	DFO	IC
				3	2.0	DFO	IC
				4	2.0	DFO	IC
				5	2.0	DFO	IC
				6	2.0	DFO	IC
				7	2.0	DFO	IC
				8	2.0	DFO	IC
				9	2.0	DFO	IC
Logan City of	U	Logan City	UT	1	4.5	NG	GT
				2	4.5	NG	GT
				3	4.5	NG	GT
National Power Coop Inc	U	Robert P Mone Plant	OH	1	168.0	NG	GT
				2	168.0	NG	GT
				3	168.0	NG	GT
PacifiCorp	U	Gadsby	UT	4	43.7	NG	ST
				5	43.7	NG	ST
Poplar Bluff City of	U	Poplar Bluff Gen	MO	5	7.0	DFO	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
Portland City of	U	Frank Jenkins	MI	6	1.0	DFO	IC
Sitka City & Borough of	U	Indian River	AK	4	4.0	DFO	IC
Springfield City of	U	McCartney	MO	MGS1	50.0	NG	GT
				MSG2	50.0	NG	GT
Tennessee Valley Authority	U	Kemper County	MS	GT1	79.0	NG	GT
				GT2	79.0	NG	GT
				GT3	79.0	NG	GT
				GT4	79.0	NG	GT
Bayou Cove Peaking Power LLC	N	Bayou Cove Peaking	LA	1	94.0	NG	GT
				2	94.0	NG	GT
Bio-Energy Partners	N	Pheasant Run Landfill	WI	GE10	0.8	LFG	IC
				GE11	0.8	LFG	IC
				GEN8	0.8	LFG	IC
				GEN9	0.8	LFG	IC
Calpine Central LP	N	Oneta Energy Center	OK	CTG1	163.0	NG	CT
				CTG2	163.0	NG	CT
				CTG3	163.0	NG	CT
				CTG4	163.0	NG	CT
Calpine Corp	N	Acadia Power Station	LA	CT11	159.0	NG	CT
				CT12	159.0	NG	CT
				ST13	223.0	NG	CA
Calpine Eastern Corp	N	TBG Cogen	NY	GEN5	51.0	NG	GT
Duke Energy Moss Landing LLC	N	Moss Landing	CA	NWG1	455.8	NG	CT
				NWG2	455.8	NG	CT
Duke Energy North America LLC	N	Duke Energy Murray	GA	2GT1	126.4	NG	CT
				2GT2	126.4	NG	CT
				2STG	126.4	NG	CA
Duke Energy Sandersville LLC	N	Duke Energy	GA	CT5	73.5	NG	GT
				CT6	73.5	NG	GT
				CT7	73.5	NG	GT
				CT8	73.5	NG	GT
Freestone Power Generation LP	N	Freestone Power	TX	GT3	142.0	NG	CT
				GT4	142.0	NG	CT
				ST6	159.0	NG	CA
GWF Energy LLC	N	Henrietta Peaker	CA	HPP1	41.9	NG	GT
				HPP2	41.9	NG	GT
Kinder Morgan Power Co	N	Jackson MI Facility	MI	7EA	67.0	NG	GT
				LM1	51.6	NG	CT
				LM2	51.6	NG	CT
				LM3	51.0	NG	CT
				LM4	51.0	NG	CT
				LM5	51.0	NG	CT
				ST1	90.3	NG	CA
				ST2	90.3	NG	CA
PacifiCorp Power Marketing Inc	N	West Valley Generation	UT	U5	37.0	NG	GT
Perryville Energy Partners	N	Perryville	LA	CT-2	148.7	NG	CT
				ST-1	161.2	NG	CA
Pinnacle West Energy	N	Redhawk Unit 1	AZ	GE1	147.9	NG	CT
				GE2	147.9	NG	CT
				GE3	162.5	NG	CA
Pinnacle West Energy	N	Redhawk Unit 2	AZ	GE1	147.9	NG	CT
				GE2	147.9	NG	CT
				GE3	162.5	NG	CA
Pinnacle West Energy	N	Saguaro CT3	AZ	GE1	68.8	NG	CT
PPL Edgewood Energy LLC	N	Edgewood	NY	CT01	42.5	NG	GT
				CT02	42.5	NG	GT
PPL Shoreham Energy LLC	N	Shoreham	NY	CT01	42.5	DFO	GT
				CT02	42.5	DFO	GT
PPL University Park LLC	N	University Park Power	IL	10	38.3	NG	GT
				11	38.3	NG	GT
				12	38.3	NG	GT
SDS Lumber Co	N	Gorge Energy Div SDS	WA	TG3	4.7	Wood	ST
Taft Cogeneration LP	N	Taft Cogeneration	LA	CT1	145.0	NG	CT
Trent Wind Farm LP	N	Trent Mesa Wind	TX	WTG1	1.5	Wind	WT
Vanderbilt University	N	Vanderbilt University	TN	GT2	4.0	NG	GT
Wrightsville Power Fac LLC	N	Wrightsville Power	AR	G1	52.0	NG	CT
				G2	52.0	NG	CT
				G3	52.0	NG	CT
				G4	52.0	NG	CT
				G5	52.0	NG	CT

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
				G6	52.0	NG	CT
				G7	91.0	NG	CA
				G8	91.0	NG	CA
				G9	91.0	NG	CA
August							
Basin Electric Power Coop	U	Hartzog	WY	1	5.0	NG	GT
				2	5.0	NG	GT
				3	5.0	NG	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	NG	ST
Platte River Power Authority	U	Rawhide	CO	B	76.0	NG	GT
Poplar Bluff City of	U	Poplar Bluff Gen	MO	4	7.0	DFO	IC
ANP Operations Co - Hays	N	Hays	TX	U3	240.8	NG	CS
				U4	240.8	NG	CS
Bayou Cove Peaking Power LLC	N	Bayou Cove Peaking	LA	3	94.0	NG	GT
				4	93.5	NG	GT
Brady Power Partners	N	Brady	NV	OEC	6.5	Geothermal	ST
Calpine Construction Fin Co LP	N	Ontelaunee Energy	PA	CTG1	197.8	NG	CT
				CTG2	197.8	NG	CT
				STG	197.8	NG	CA
Calpine Corp	N	Acadia Power Station	LA	CT24	159.0	NG	CT
				CT25	159.0	NG	CT
				ST26	223.0	NG	ST
Calpine Corp-Yuba City	N	Calpine Yuba City -	CA	CTG1	40.7	NG	CT
Duke Energy Marshall Cnty LLC	N	Marshall County	KY	CT6	68.0	NG	GT
				CT7	68.0	NG	GT
				CT8	68.0	NG	GT
Formosa Plastics Corp	N	Formosa Utility Venture	TX	ST3	47.3	NG	CA
Frederickson Power LP	N	Frederickson Power LP	WA	FICT	143.0	NG	CT
				FIST	82.1	NG	CA
Mirant Zeeland LLC	N	Mirant Zeeland	MI	2A	158.2	NG	CT
				2B	158.2	NG	CT
				2C	163.4	NG	CA
Ouachita Operating Services LL	N	Ouachita	LA	CTG1	154.2	NG	CT
				CTG2	154.2	NG	CT
				CTG3	154.2	NG	CT
				STG1	104.9	NG	CA
				STG2	104.9	NG	CA
				STG3	104.9	NG	CA
Taft Cogeneration LP	N	Taft Cogeneration	LA	CT2	145.0	NG	CT
TransAlta Centralia Gen LLC	N	Centralia	WA	30	40.4	NG	CT
				40	40.4	NG	CT
				50	40.4	NG	CT
				60	40.4	NG	CT
				70	68.8	NG	CA
September							
Basin Electric Power Coop	U	Arvada	WY	1	6.0	NG	GT
				2	6.0	NG	GT
				3	6.0	NG	GT
Basin Electric Power Coop	U	Barber Creek	WY	1	6.0	NG	GT
				2	6.0	NG	GT
				3	6.0	NG	GT
Clarksdale City of	U	L L Wilkins	MS	1	65.5	NG	GT
				2	65.5	NG	GT
Energy Northwest	U	Nine Canyon	WA	1	48.1	Wind	WT
Georgia Power Co	U	Wansley	GA	6	488.8	NG	CC
				7	488.8	NG	CC
Marshall City of	U	Marshall	IL	5	2.4	DFO	IC
USCE-Savannah District	U	Richard B Russell	GA	5	71.3	Water	HY
				6	71.3	Water	HY
				7	71.3	Water	HY
				8	71.3	Water	HY
Ameren Energy Generating Co	N	Elgin Energy Center	IL	CT01	115.0	NG	GT
Bio-Energy Partners	N	Ridgeview	WI	GEN1	0.8	LFG	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)[1]	Energy Source	Unit Type Code
				GEN2	0.8	LFG	IC
				GEN3	0.8	LFG	IC
Biola University	N	Biola University	CA	EG3	1.0	NG	IC
Corpus Christi Cogeneration LP	N	Corpus Christi Energy	TX	CT1	161.5	NG	CT
Holland Energy LLC	N	Holland Energy Facility	IL	CTG1	154.0	NG	CT
				CTG2	154.0	NG	CT
				STG1	297.0	NG	CA
Taft Cogeneration LP	N	Taft Cogeneration	LA	CT3	145.0	NG	CT
University of Missouri-Columba	N	University of Missouri	MO	DGT1	2.0	DFO	IC
				NTG1	10.8	NG	GT
				NTG2	10.8	NG	GT
October							
Arizona Electric Pwr Coop Inc	U	Apache	AZ	GT4	34.0	NG	GT
Lakeland City of	U	C D McIntosh Jr	FL	5ST	103.2	NG	CA
Platte River Power Authority	U	Rawhide	CO	C	76.0	NG	GT
Ameren Energy Generating Co	N	Elgin Energy Center	IL	CT02	115.0	NG	GT
				CT03	115.0	NG	GT
Black Hills Colorado LLC	N	Arapahoe Combustion	CO	UN7	44.5	NG	CA
Corpus Christi Cogeneration LP	N	Corpus Christi Energy	TX	CT2	161.5	NG	CT
				ST1	159.1	NG	CA
FPL Energy Operating Serv Inc	N	FPLE Rhode Island State	RI	CTG1	168.6	NG	CT
				CTG2	168.6	NG	CT
				STG1	175.4	NG	CA
Haywood Power I LLC	N	AES Greystone	TN	CTG1	156.0	NG	CT
				CTG2	156.0	NG	CT
				CTG3	156.0	NG	GT
Newington Energy LLC	N	Newington Power	NH	GT-1	160.0	NG	GT
				GT-2	160.0	NG	GT
				ST	201.0	NG	CA
Taft Cogeneration LP	N	Taft Cogeneration	LA	ST1	302.0	NG	CA
Valero Refining Co California	N	Valero Cogeneration	CA	GT 1	43.4	OG	GT
November							
Public Service Co of NM	U	Afton Generating Station	NM	1	150.5	NG	GT
Salt River Proj Ag I & P Dist	U	Kyrene	AZ	KY7	129.0	NG	CT
				KY7A	86.0	NG	CA
Albuquerque City of	N	Southside Water	NM	GEN1	2.1	OBG	IC
				GEN2	2.1	OBG	IC
Ameren Energy Generating Co	N	Elgin Energy Center	IL	CT04	115.0	NG	GT
ANP Bellingham Energy Co	N	ANP Bellingham Energy	MA	U1	216.8	NG	GT
Aventis Pharmaceuticals Inc	N	Aventis Pharmaceuticals	NJ	2	3.8	NG	GT
December							
Duke Energy Corp	U	Mill Creek	SC	1	69.5	NG	GT
				2	69.5	NG	GT
				3	69.5	NG	GT
				4	69.5	NG	GT
Michigan Public Power Agency	U	Kalkaska CT #1	MI	1	46.8	NG	GT
ANP Bellingham Energy Co	N	ANP Bellingham Energy	MA	U2	216.8	NG	GT
CalWind Resources Inc	N	Tehachapi Wind	CA	PLAN	0.6	Wind	WT
CalWind Resources Inc	N	Tehachapi Wind	CA	PLAN	7.8	Wind	WT
Conectiv Bethlehem Inc	N	Bethlehem Power Plant	PA	CTG1	120.0	NG	CT
				CTG2	120.0	NG	CT
				CTG3	120.0	NG	CT
Georgia-Pacific Corporation	N	Old Town Division	ME	TG5	8.8	NG	ST
Granger Electric Co	N	Brent Run	MI	7-3	0.8	LFG	IC
Mirant Kendall LLC	N	Kendall Square	MA	CT1	145.0	NG	GT
Total Capacity of Newly Added Units	-	-	-	-	**55,113.9**	-	-
Total Capacity of Retired Units	-	-	-	-	-	-	-
US Total Capacity	-	-	-	-	**903,367.9**	-	-

[1] Net summer capability is estimated.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are preliminary. • Type Companies are: U = Utility and N= Nonutility. • For a list of energy sources and their associated codes, access a copy of the Form EIA 860, "Annual Electric Generator Report" at http://www.eia.doe.gov/cneaf/electricity/page/forms.html

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

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

Items	December 2002	November 2002	December 2001	Year To Date		
				2002	2001	Difference (percent)
Electric Power Industry						
Net Generation (Million kWh)						
Coal	171,122	155,928	157,780	1,925,792	1,912,643	0.7
Petroleum[3]	7,754	6,186	6,659	91,629	128,012	-28.4
Gas	46,957	47,008	45,950	695,226	649,906	7.0
Nuclear Power	68,905	61,520	67,419	779,461	768,826	1.4
Hydroelectric (Pumped Storage)[4]	-688	-615	-694	-8,425	-8,823	-4.5
Renewable						
Hydroelectric (Conventional)	21,594	19,637	19,310	263,502	216,966	21.4
Geothermal	1,140	1,124	1,190	13,408	13,874	-3.4
Biomass	5,598	5,453	6,076	71,534	69,763	2.5
Wind	657	583	412	8,612	5,815	48.1
Photovoltaic/Solar	4	30	46	717	860	-16.6
All Energy Sources	323,044	296,854	304,148	3,841,456	3,757,844	2.2
Consumption[2]						
Coal (1,000 short tons)	86,137	79,094	82,230	978,118	981,511	-0.3
Petroleum (1,000 barrels)[5]	11,723	9,060	9,534	134,009	206,082	-35.0
Gas (1,000 Mcf)	466,081	466,718	487,225	6,856,086	6,941,118	-1.2
Stocks (end-of-month)[2]						
Coal (1,000 short tons)	152,567	156,113	149,570	-	-	-
Petroleum (1,000 barrels)[6]	44,811	43,944	56,746	-	-	-
Nonutility						
Net Generation (Million kWh)[1]						
Coal	38,445	35,042	28,589	406,894	352,498	15.4
Petroleum[3]	3,558	2,651	2,747	35,444	49,093	-27.8
Gas	34,985	33,971	30,519	465,944	385,473	20.9
Nuclear Power	25,305	22,943	22,490	272,091	234,619	16.0
Hydroelectric (Pumped Storage)[4]	-111	-76	-99	-965	-1,119	-13.8
Renewable						
Hydroelectric (Conventional)	2,175	1,903	1,479	22,628	19,157	18.1
Geothermal	1,123	1,107	1,180	13,224	13,722	-3.6
Biomass	5,416	5,288	5,948	69,766	67,902	2.7
Wind	631	557	402	8,410	5,680	48.1
Solar	4	30	46	714	856	-16.7
All Energy Sources	111,529	103,416	93,301	1,294,150	1,127,882	14.7
Consumption[1]						
Coal (1,000 short tons)	18,859	17,383	14,535	207,747	175,241	18.5
Petroleum (1,000 barrels)[5]	5,298	3,617	3,928	48,385	79,695	-39.3
Gas (1,000 Mcf)	350,681	343,888	333,946	4,612,589	4,254,831	8.4
Stocks (end-of-month)[1]						
Coal (1,000 short tons)	36,531	37,457	32,420	-	-	-
Petroleum (1,000 barrels)	15,236	16,074	20,856	-	-	-
Electric Utility						
Net Generation (Million kWh)[2]						
Coal	132,678	120,886	129,191	1,518,898	1,560,146	-2.6
Petroleum[3]	4,196	3,535	3,913	56,185	78,919	-28.8
Gas	11,972	13,037	15,431	229,282	264,434	-13.3
Nuclear Power	43,601	38,577	44,929	507,370	534,207	-5.0
Hydroelectric (Pumped Storage)[4]	-577	-539	-595	-7,460	-7,704	-3.2
Renewable						
Hydroelectric (Conventional)	19,420	17,734	17,831	240,874	197,809	21.8
Geothermal	18	17	10	184	152	21.0
Biomass	181	165	127	1,767	1,861	-5.0
Wind	27	26	10	202	135	49.7
Photovoltaic	*	*	*	3	3	-2.0
All Energy Sources	211,515	193,438	210,847	2,547,306	2,629,962	-3.1
Consumption[2]						
Coal (1,000 short tons)	67,278	61,711	67,695	770,371	806,269	-4.5
Petroleum (1,000 barrels)[5]	6,425	5,443	5,606	85,625	126,386	-32.3
Gas (1,000 Mcf)	115,399	122,830	153,279	2,243,497	2,686,287	-16.5
Stocks (end-of-month)[2]						
Coal (1,000 short tons)	116,035	118,656	117,150	-	-	-
Petroleum (1,000 barrels)[6]	29,575	27,870	35,891	-	-	-

See footnotes at end of table.

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

Items	December 2002	November 2002	December 2001	Year To Date		
				2002	2001	Difference (percent)
Electric Utility						
Retail Sales (Million kWh)[7]						
Residential	108,977	88,903	96,222	1,266,930	1,200,992	5.5
Commercial	87,655	85,425	85,505	1,121,845	1,085,036	3.4
Industrial	78,446	79,983	77,756	972,912	994,083	-2.1
Other[8]	8,494	8,428	8,939	109,472	116,652	-6.2
All Sectors	283,573	262,738	268,423	3,471,159	3,396,764	2.2
Revenue (Million Dollars)[7]						
Residential	8,823	7,405	7,989	106,823	102,972	3.7
Commercial	6,805	6,662	6,550	88,977	85,816	3.7
Industrial	3,693	3,763	3,740	47,098	50,423	-6.6
Other[8]	573	560	574	7,228	7,519	-3.9
All Sectors	19,894	18,390	18,852	250,126	246,730	1.4
Average Revenue/kWh (Cents)[7]						
Residential	8.10	8.33	8.30	8.43	8.57	-1.7
Commercial	7.76	7.80	7.66	7.93	7.91	0.3
Industrial	4.71	4.70	4.81	4.84	5.07	-4.6
Other[8]	6.74	6.65	6.42	6.60	6.45	2.4
All Sectors	7.02	7.00	7.02	7.21	7.26	-0.8

	November 2002 [9]	October 2002 [9]	November 2001 [9]	Year To Date		
				2002 [9]	2001 [9]	Difference (percent)
Receipts						
Coal (1,000 short tons)	60,252	62,424	59,551	631,739	697,435	-9.4
Petroleum (1,000 barrels)[10]	5,570	6,787	6,121	57,601	109,201	-47.3
Gas (1,000 Mcf)	95,352	134,776	111,201	1,537,642	2,029,071	-24.2
Cost (cents/million Btu)[11]						
Coal	122.1	122.4	123.7	122.1	123.3	-0.9
Petroleum[12]	404.2	426.9	291.5	368.2	397.2	-7.3
Gas[13]	428.9	414.7	324.1	360.0	457.2	-21.3

[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 December 2002 was 1,475 million kilowatthours.

[5] The December 2002 petroleum coke consumption was 133,120 short tons for electric utilities and 333,410 short tons for nonutilities.

[6] The December 2002 petroleum coke stocks were 258,130 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 November 2002 petroleum coke receipts were 141,320 short tons.

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

[12] The November 2002 petroleum coke cost was 61.5 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 December 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
December	132,678	4,196	11,972	43,601	18,843	18	208	211,515
Total	**1,518,898**	**56,185**	**229,282**	**507,370**	**233,414**	**184**	**1,973**	**2,547,306**
Year to Date								
2002	**1,518,898**	**56,185**	**229,282**	**507,370**	**233,414**	**184**	**1,973**	**2,547,306**
2001	**1,560,146**	**78,919**	**264,434**	**534,207**	**190,105**	**152**	**1,999**	**2,629,962**
2000	**1,696,619**	**72,180**	**290,715**	**705,433**	**248,195**	**151**	**2,090**	**3,015,383**

[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 December 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
December	191,869	132,678	4,196	11,972	43,601	-577
Total	**2,304,274**	**1,518,898**	**56,185**	**229,282**	**507,370**	**-7,460**
Year to Date						
2002	**2,304,274**	**1,518,898**	**56,185**	**229,282**	**507,370**	**-7,460**
2001	**2,430,001**	**1,560,146**	**78,919**	**264,434**	**534,207**	**-7,704**
2000	**2,759,988**	**1,696,619**	**72,180**	**290,715**	**705,433**	**-4,960**

[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 December 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 December 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
December	19,645,680	19,419,838	17,720	181,492	26,553	77	NA
Total	**243,031,586**	**240,874,433**	**184,447**	**1,767,375**	**202,066**	**3,265**	**NA**
Year to Date							
2002	**243,031,586**	**240,874,433**	**184,447**	**1,767,375**	**202,066**	**3,265**	**NA**
2001	**199,961,094**	**197,809,201**	**152,453**	**1,861,142**	**134,966**	**3,332**	**NA**
2000	**255,395,741**	**253,154,721**	**151,375**	**2,058,498**	**28,604**	**2,543**	**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	December 2002	November 2002	December 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR	42,324	39,008	39,618	487,422	475,362	2.5
ERCOT	7,119	6,002	14,880	101,247	213,384	-52.6
FRCC	11,799	11,712	11,997	162,743	163,781	-0.6
MAAC	265	170	261	2,536	4,100	-38.2
MAIN	10,120	8,674	10,253	116,128	123,876	-6.3
MAPP (U.S.)	15,934	14,903	14,646	183,718	170,158	8.0
NPCC (U.S.)	4,434	4,234	5,338	60,392	80,798	-25.3
SERC	58,053	50,539	50,536	650,346	626,649	3.8
SPP	23,225	23,037	24,638	313,454	319,569	-1.9
WSCC (U.S.)	37,206	34,172	37,638	457,223	440,487	3.8
Contiguous U.S.	**210,479**	**192,453**	**209,807**	**2,535,207**	**2,618,163**	**-3.2**
Alaska	512	462	518	5,525	5,416	2.0
Hawaii	524	523	522	6,573	6,383	3.0
Noncontiguous U.S.	**1,036**	**985**	**1,040**	**12,098**	**11,799**	**2.5**
U.S. Total	**211,515**	**193,438**	**210,847**	**2,547,306**	**2,629,962**	**-3.1**

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. • 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	December 2002	November 2002	December 2001	Year to Date		
				2002	2001	Difference (percent)
New England	**742**	**569**	**1,721**	**16,955**	**22,229**	**-23.7**
Connecticut	18	17	3	184	2,817	-93.5
Maine	1	1	*	6	5	11.1
Massachusetts	128	113	123	1,510	1,566	-3.6
New Hampshire	523	381	1,197	12,273	13,095	-6.3
Rhode Island	1	1	1	8	11	-26.8
Vermont	72	57	397	2,975	4,734	-37.2
Mid Atlantic	**6,860**	**6,180**	**6,122**	**75,430**	**87,833**	**-14.1**
New Jersey	150	81	34	1,587	1,630	-2.6
New York	3,692	3,665	3,628	43,437	58,569	-25.8
Pennsylvania	3,017	2,434	2,460	30,406	27,634	10.0
East North Central	**36,489**	**34,704**	**35,941**	**426,443**	**432,012**	**-1.3**
Illinois	1,544	1,360	2,548	20,909	29,835	-29.9
Indiana	9,407	9,395	9,456	112,390	114,666	-2.0
Michigan	8,802	8,548	7,904	100,296	97,067	3.3
Ohio	12,067	10,948	11,603	138,080	135,484	1.9
Wisconsin	4,669	4,452	4,430	54,768	54,959	-0.3
West North Central	**25,658**	**23,286**	**23,717**	**290,016**	**275,135**	**5.4**
Iowa	3,566	3,201	3,283	40,083	38,756	3.4
Kansas	4,005	3,898	3,802	46,697	44,643	4.6
Minnesota	4,342	3,994	4,108	52,109	44,798	16.3
Missouri	7,533	6,115	6,863	80,712	78,991	2.2
Nebraska	2,844	2,666	2,236	31,547	30,412	3.7
North Dakota	2,817	2,721	2,833	31,147	30,136	3.4
South Dakota	550	691	591	7,721	7,401	4.3
South Atlantic	**50,945**	**45,580**	**45,939**	**619,796**	**593,777**	**4.4**
Delaware	5	3	138	149	1,872	-92.0
District of Columbia	-	-	-	-	-	-
Florida	12,675	12,510	12,460	171,796	170,966	0.5
Georgia	9,025	7,405	8,872	112,657	110,565	1.9
Maryland	3	2	6	31	88	-65.1
North Carolina	10,184	9,588	8,500	115,536	109,807	5.2
South Carolina	8,264	6,622	6,825	93,660	86,735	8.0
Virginia	5,213	4,531	5,119	62,673	62,135	0.9
West Virginia	5,575	4,919	4,018	63,294	51,609	22.6
East South Central	**29,565**	**27,201**	**27,343**	**342,141**	**342,910**	**-0.2**
Alabama	11,264	10,944	9,653	123,446	118,744	4.0
Kentucky	6,856	5,450	7,046	80,176	83,678	-4.2
Mississippi	3,709	3,551	3,118	46,007	47,550	-3.2
Tennessee	7,736	7,256	7,526	92,513	92,937	-0.5
West South Central	**21,674**	**19,525**	**30,416**	**293,547**	**410,533**	**-28.5**
Arkansas	3,356	3,280	4,335	42,930	44,728	-4.0
Louisiana	3,592	3,392	3,609	50,479	50,378	0.2
Oklahoma	3,843	3,420	3,788	50,264	50,414	-0.3
Texas	10,883	9,433	18,684	149,875	265,013	-43.4
Mountain	**23,259**	**21,472**	**22,931**	**271,079**	**277,803**	**-2.4**
Arizona	7,016	6,569	6,975	81,614	85,808	-4.9
Colorado	3,664	3,379	3,677	41,537	41,958	-1.0
Idaho	423	393	448	8,112	6,667	21.7
Montana	653	356	420	6,730	4,416	52.4
Nevada	2,114	1,986	2,056	24,930	27,896	-10.6
New Mexico	2,350	2,416	2,713	29,957	32,211	-7.0
Utah	3,077	2,808	2,945	35,699	35,139	1.6
Wyoming	3,962	3,565	3,702	42,499	43,764	-2.9
Pacific Contiguous	**15,288**	**13,935**	**15,748**	**199,800**	**175,876**	**13.6**
California	5,515	4,433	5,498	72,922	70,133	4.0
Oregon	3,179	3,120	3,576	39,625	38,060	4.1
Washington	6,594	6,382	6,674	87,253	67,683	28.9
Pacific Noncontiguous	**1,036**	**985**	**1,040**	**12,098**	**11,799**	**2.5**
Alaska	512	462	518	5,525	5,416	2.0
Hawaii	524	523	522	6,573	6,383	3.0
U.S. Total	**211,515**	**193,438**	**210,847**	**2,547,306**	**2,629,962**	**-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

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	December 2002	November 2002	December 2001	Year to Date				
				Coal Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**NM**	**NM**	**408**	**4,812**	**4,803**	**0.2**	**28.4**	**21.6**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	NM	NM	98	1,089	1,097	-0.7	72.2	70.0
New Hampshire	358	327	310	3,722	3,706	0.4	30.3	28.3
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Mid Atlantic	**1,981**	**1,635**	**1,573**	**19,045**	**17,390**	**9.5**	**25.2**	**19.8**
New Jersey	145	90	NM	1,427	1,439	-0.8	89.9	88.3
New York	177	170	296	1,682	2,088	-19.4	3.9	3.6
Pennsylvania	1,658	1,375	1,234	15,936	13,863	15.0	52.4	50.2
East North Central	**30,863**	**29,092**	**30,393**	**359,998**	**368,144**	**-2.2**	**84.4**	**85.2**
Illinois	1,526	1,346	2,448	20,460	29,125	-29.7	97.9	97.6
Indiana	9,217	9,159	9,340	109,792	113,135	-3.0	97.7	98.7
Michigan	5,770	5,552	5,342	65,593	66,932	-2.0	65.4	69.0
Ohio	11,069	9,963	10,142	125,598	118,767	5.8	91.0	87.7
Wisconsin	3,282	3,072	3,120	38,555	40,186	-4.1	70.4	73.1
West North Central	**20,658**	**19,025**	**19,163**	**225,370**	**214,297**	**5.2**	**77.7**	**77.9**
Iowa	3,047	2,677	2,751	34,067	33,472	1.8	85.0	86.4
Kansas	3,026	2,972	2,841	35,358	31,768	11.3	75.7	71.2
Minnesota	3,026	2,828	2,919	36,048	31,038	16.1	69.2	69.3
Missouri	6,724	5,960	5,817	67,207	65,445	2.7	83.3	82.9
Nebraska	1,851	1,700	1,772	19,900	20,194	-1.5	63.1	66.4
North Dakota	2,653	2,575	2,721	29,519	28,770	2.6	94.8	95.5
South Dakota	331	312	342	3,272	3,612	-9.4	42.4	48.8
South Atlantic	**28,174**	**24,603**	**25,295**	**331,769**	**325,007**	**2.1**	**53.5**	**54.7**
Delaware	-	-	NM	-	1,626	-	-	86.9
District of Columbia	-	-	-	-	-	-	-	-
Florida	4,518	3,886	4,777	52,270	63,091	-17.2	30.4	36.9
Georgia	6,116	5,022	5,776	78,120	73,444	6.4	69.3	66.4
Maryland	-	-	-	-	-	-	-	-
North Carolina	6,035	5,695	5,383	71,225	68,775	3.6	61.6	62.6
South Carolina	3,100	2,578	2,587	36,491	36,303	0.5	39.0	41.9
Virginia	2,887	2,553	2,671	30,862	30,657	0.7	49.2	49.3
West Virginia	5,517	4,870	3,981	62,802	51,111	22.9	99.2	99.0
East South Central	**18,981**	**17,273**	**17,680**	**223,074**	**228,228**	**-2.3**	**65.2**	**66.6**
Alabama	6,211	6,191	5,313	71,470	71,484	*	57.9	60.2
Kentucky	6,506	5,142	6,783	75,337	79,382	-5.1	94.0	94.9
Mississippi	1,869	1,894	1,183	18,187	19,196	-5.3	39.5	40.4
Tennessee	4,396	4,046	4,401	58,081	58,167	-0.1	62.8	62.6
West South Central	**13,858**	**12,349**	**17,500**	**158,392**	**200,057**	**-20.8**	**54.0**	**48.7**
Arkansas	1,807	2,012	2,441	22,987	24,678	-6.9	53.5	55.2
Louisiana	1,159	868	1,124	11,484	10,917	5.2	22.8	21.7
Oklahoma	3,158	2,843	2,736	33,444	32,165	4.0	66.5	63.8
Texas	7,734	6,627	11,198	90,477	132,297	-31.6	60.4	49.9
Mountain	**17,279**	**16,081**	**16,740**	**192,464**	**197,601**	**-2.6**	**71.0**	**71.1**
Arizona	3,537	3,405	3,134	37,957	39,732	-4.5	46.5	46.3
Colorado	3,157	2,895	3,134	35,137	35,654	-1.5	84.6	85.0
Idaho	-	-	-	-	-	-	-	-
Montana	31	31	30	286	311	-8.2	4.2	7.0
Nevada	1,498	1,280	1,374	16,416	17,737	-7.4	65.9	63.6
New Mexico	2,165	2,232	2,588	26,901	28,402	-5.3	89.8	88.2
Utah	2,970	2,706	2,846	34,081	33,204	2.6	95.5	94.5
Wyoming	3,919	3,532	3,634	41,686	42,561	-2.1	98.1	97.3
Pacific Contiguous	**411**	**398**	**410**	**3,769**	**4,424**	**-14.8**	**1.9**	**2.5**
California	-	-	-	-	-	-	-	-
Oregon	411	398	410	3,769	4,424	-14.8	9.5	11.6
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**18**	**16**	**17**	**204**	**194**	**5.4**	**1.7**	**1.6**
Alaska	18	16	17	204	194	5.4	3.7	3.6
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**132,678**	**120,886**	**129,191**	**1,518,898**	**1,560,146**	**-2.6**	**59.6**	**59.3**

* = 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. • 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	December 2002	November 2002	December 2001	Year to Date				
				Petroleum Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**148**	**NM**	**11**	**671**	**615**	**9.2**	**4.0**	**2.8**
Connecticut	NM	NM	NM	8	11	-26.8	4.4	0.4
Maine	-	-	-	-	-	-	-	-
Massachusetts	NM	NM	NM	55	132	-58.5	3.6	8.4
New Hampshire	135	28	7	592	429	38.1	4.8	3.3
Rhode Island	NM	NM	NM	8	11	-26.8	100.0	100.0
Vermont	NM	NM	NM	8	32	-74.5	0.3	0.7
Mid Atlantic	**920**	**735**	**417**	**7,661**	**9,429**	**-18.8**	**10.2**	**10.7**
New Jersey	15	1	NM	210	231	-8.9	13.2	14.1
New York	904	732	414	7,412	9,177	-19.2	17.1	15.7
Pennsylvania	NM	NM	NM	39	22	82.3	0.1	0.1
East North Central	**127**	**75**	**95**	**1,958**	**1,772**	**10.5**	**0.5**	**0.4**
Illinois	NM	NM	NM	48	99	-52.1	0.2	0.3
Indiana	11	22	25	454	372	22.2	0.4	0.3
Michigan	88	NM	NM	955	724	31.8	1.0	0.7
Ohio	15	22	19	341	406	-16.0	0.2	0.3
Wisconsin	10	NM	11	161	170	-5.8	0.3	0.3
West North Central	**128**	**NM**	**113**	**1,776**	**2,059**	**-13.7**	**0.6**	**0.7**
Iowa	NM	NM	NM	50	95	-46.9	0.1	0.2
Kansas	52	19	13	503	616	-18.4	1.1	1.4
Minnesota	66	NM	56	637	600	6.2	1.2	1.3
Missouri	NM	NM	39	528	638	-17.1	0.7	0.8
Nebraska	NM	NM	NM	17	25	-32.0	0.1	0.1
North Dakota	5	1	2	36	34	5.7	0.1	0.1
South Dakota	*	*	NM	4	52	-91.4	0.1	0.7
South Atlantic	**2,195**	**1,982**	**2,267**	**35,816**	**45,397**	**-21.1**	**5.8**	**7.6**
Delaware	5	NM	17	135	209	-35.5	90.2	11.2
District of Columbia	-	-	-	-	-	-	-	-
Florida	1,787	1,745	1,847	31,241	39,075	-20.0	18.2	22.9
Georgia	8	6	7	192	276	-30.2	0.2	0.2
Maryland	NM	NM	NM	28	88	-68.1	91.0	99.6
North Carolina	12	12	14	348	413	-15.8	0.3	0.4
South Carolina	15	6	7	178	225	-20.9	0.2	0.3
Virginia	339	192	344	3,463	4,855	-28.7	5.5	7.8
West Virginia	28	17	NM	231	257	-10.0	0.4	0.5
East South Central	**39**	**26**	**NM**	**477**	**5,883**	**-91.9**	**0.1**	**1.7**
Alabama	10	7	17	130	263	-50.5	0.1	0.2
Kentucky	15	8	13	121	120	0.2	0.2	0.1
Mississippi	NM	2	NM	30	5,121	-99.4	0.1	10.8
Tennessee	13	8	25	196	380	-48.3	0.2	0.4
West South Central	**45**	**8**	**326**	**236**	**4,456**	**-94.7**	**0.1**	**1.1**
Arkansas	41	3	269	137	846	-83.8	0.3	1.9
Louisiana	*	1	48	62	1,722	-96.4	0.1	3.4
Oklahoma	NM	NM	NM	9	146	-93.9	*	0.3
Texas	NM	NM	NM	29	1,741	-98.4	*	0.7
Mountain	**15**	**17**	**30**	**216**	**1,508**	**-85.7**	**0.1**	**0.5**
Arizona	2	2	5	50	312	-84.0	0.1	0.4
Colorado	1	3	NM	24	159	-85.1	0.1	0.4
Idaho	*	-	*	*	4	-	*	0.1
Montana	NM	NM	NM	1	1	-36.0	*	*
Nevada	1	2	6	25	912	-97.2	0.1	3.3
New Mexico	4	5	*	31	30	1.7	0.1	0.1
Utah	NM	NM	NM	47	58	-18.8	0.1	0.2
Wyoming	1	2	3	39	34	14.3	0.1	0.1
Pacific Contiguous	**5**	**4**	**3**	**59**	**589**	**-90.0**	*	**0.3**
California	4	4	3	48	317	-84.7	0.1	0.5
Oregon	*	*	*	6	93	-93.6	*	0.2
Washington	*	*	*	5	179	-97.4	*	0.3
Pacific Noncontiguous	**575**	**569**	**595**	**7,314**	**7,211**	**1.4**	**60.5**	**61.1**
Alaska	52	NM	74	751	848	-11.4	13.6	15.7
Hawaii	524	523	521	6,563	6,363	3.1	99.8	99.7
U.S. Total	**4,196**	**3,535**	**3,913**	**56,185**	**78,919**	**-28.8**	**2.2**	**3.0**

* = 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. • 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	December 2002	November 2002	December 2001	Year to Date				
				Gas Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**NM**	**NM**	**NM**	**332**	**272**	**22.1**	**2.0**	**1.2**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	NM	NM	NM	233	218	6.6	15.4	13.9
New Hampshire	9	-	2	96	42	126.7	0.8	0.3
Rhode Island	-	-	-	-	-	-	-	-
Vermont	*	*	*	3	11	-70.2	0.1	0.2
Mid Atlantic	**520**	**711**	**859**	**10,769**	**8,974**	**20.0**	**14.3**	**10.2**
New Jersey	2	3	1	96	102	-6.2	6.0	6.3
New York	518	709	858	10,672	8,871	20.3	24.6	15.1
Pennsylvania	NM	NM	NM	1	1	-1.7	*	*
East North Central	**341**	**294**	**325**	**5,959**	**4,702**	**26.7**	**1.4**	**1.1**
Illinois	NM	NM	NM	337	546	-38.3	1.6	1.8
Indiana	150	173	40	1,733	589	194.4	1.5	0.5
Michigan	114	45	163	2,111	2,362	-10.6	2.1	2.4
Ohio	NM	17	NM	803	336	138.6	0.6	0.2
Wisconsin	50	52	32	975	868	12.3	1.8	1.6
West North Central	**NM**	**158**	**356**	**6,595**	**7,017**	**-6.0**	**2.3**	**2.6**
Iowa	NM	19	25	421	454	-7.4	1.0	1.2
Kansas	NM	NM	NM	1,794	1,912	-6.1	3.8	4.3
Minnesota	NM	NM	NM	594	372	60.0	1.1	0.8
Missouri	NM	56	239	3,292	3,634	-9.4	4.1	4.6
Nebraska	NM	NM	NM	407	340	19.8	1.3	1.1
North Dakota	*	*	-	*	*	NM	*	*
South Dakota	1	*	NM	86	305	-71.9	1.1	4.1
South Atlantic	**3,455**	**4,149**	**3,696**	**62,996**	**41,477**	**51.9**	**10.2**	**7.0**
Delaware	*	*	1	15	37	-60.0	9.8	2.0
District of Columbia	-	-	-	-	-	-	-	-
Florida	3,352	4,049	3,520	54,278	36,944	46.9	31.6	21.6
Georgia	NM	NM	NM	1,194	1,168	2.2	1.1	1.1
Maryland	-	NM	NM	3	*	NM	9.0	0.4
North Carolina	24	15	9	1,902	1,000	90.3	1.6	0.9
South Carolina	24	39	2	3,465	194	1,689.6	3.7	0.2
Virginia	46	38	160	2,137	2,131	0.3	3.4	3.4
West Virginia	*	*	NM	3	4	-7.1	*	*
East South Central	**1,507**	**1,455**	**1,693**	**29,628**	**21,920**	**35.2**	**8.7**	**6.4**
Alabama	588	686	672	11,164	8,285	34.8	9.0	7.0
Kentucky	15	18	24	693	321	116.3	0.9	0.4
Mississippi	883	745	997	17,730	13,310	33.2	38.5	28.0
Tennessee	20	6	-	40	5	660.1	*	*
West South Central	**3,404**	**3,713**	**5,697**	**77,715**	**129,782**	**-40.1**	**26.5**	**31.6**
Arkansas	3	47	37	1,689	1,875	-9.9	3.9	4.2
Louisiana	877	1,012	866	21,628	20,402	6.0	42.8	40.5
Oklahoma	654	535	934	15,001	15,887	-5.6	29.8	31.5
Texas	1,870	2,120	3,860	39,398	91,618	-57.0	26.3	34.6
Mountain	**1,355**	**1,440**	**1,540**	**20,759**	**25,783**	**-19.5**	**7.7**	**9.3**
Arizona	182	261	357	5,293	9,106	-41.9	6.5	10.6
Colorado	472	430	450	5,345	4,884	9.4	12.9	11.6
Idaho	1	*	-	37	-	NM	0.5	-
Montana	*	*	-	7	10	-32.4	0.1	0.2
Nevada	465	524	546	6,229	6,743	-7.6	25.0	24.2
New Mexico	169	166	114	2,766	3,541	-21.9	9.2	11.0
Utah	NM	NM	51	911	1,224	-25.6	2.6	3.5
Wyoming	13	9	22	171	274	-37.7	0.4	0.6
Pacific Contiguous	**957**	**863**	**1,068**	**11,587**	**21,480**	**-46.1**	**5.8**	**12.2**
California	633	601	619	8,723	11,919	-26.8	12.0	17.0
Oregon	205	189	325	1,799	5,184	-65.3	4.5	13.6
Washington	119	73	123	1,065	4,378	-75.7	1.2	6.5
Pacific Noncontiguous	**296**	**246**	**306**	**2,942**	**3,028**	**-2.8**	**24.3**	**25.7**
Alaska	296	246	306	2,942	3,028	-2.8	53.3	55.9
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**11,972**	**13,037**	**15,431**	**229,282**	**264,434**	**-13.3**	**9.0**	**10.1**

* = 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. 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	December 2002	November 2002	December 2001	Year to Date				
				Hydroelectric Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**NM**	**86**	**NM**	**843**	**709**	**18.8**	**5.0**	**3.2**
Connecticut	NM	3	NM	32	29	11.1	17.6	1.0
Maine	NM	1	NM	6	5	11.1	100.0	100.0
Massachusetts	NM	14	NM	133	120	10.9	8.8	7.6
New Hampshire	21	26	17	263	225	16.9	2.1	1.7
Rhode Island	-	-	-	-	-	-	-	-
Vermont	NM	42	NM	409	331	23.7	13.7	7.0
Mid Atlantic	**1,828**	**1,777**	**1,707**	**20,534**	**18,106**	**13.4**	**27.2**	**20.6**
New Jersey	-12	-13	-11	-146	-142	2.9	-9.2	-8.7
New York	1,724	1,698	1,690	19,845	17,679	12.2	45.7	30.2
Pennsylvania	116	91	NM	835	569	46.7	2.7	2.1
East North Central	**246**	**296**	**345**	**3,778**	**3,349**	**12.8**	**0.9**	**0.8**
Illinois	NM	4	NM	64	57	13.5	0.3	0.2
Indiana	29	42	51	411	571	-27.9	0.4	0.5
Michigan	NM	33	NM	524	323	62.0	0.5	0.3
Ohio	37	45	60	473	511	-7.4	0.3	0.4
Wisconsin	NM	172	191	2,306	1,888	22.2	4.2	3.4
West North Central	**552**	**761**	**592**	**9,943**	**8,176**	**21.6**	**3.4**	**3.0**
Iowa	70	82	69	926	830	11.5	2.3	2.1
Kansas	-	-	-	-	-	-	-	-
Minnesota	39	52	65	734	619	18.5	1.4	1.4
Missouri	NM	18	22	1,239	838	47.8	1.5	1.1
Nebraska	55	87	NM	1,098	1,124	-2.4	3.5	3.7
North Dakota	160	145	109	1,593	1,332	19.6	5.1	4.4
South Dakota	218	377	245	4,354	3,432	26.9	56.4	46.4
South Atlantic	**1,025**	**650**	**281**	**3,948**	**3,076**	**28.4**	**0.6**	**0.5**
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	19	24	12	184	148	24.6	0.1	0.1
Georgia	358	263	158	2,044	1,995	2.4	1.8	1.8
Maryland	-	-	NM	-	-	-	-	-
North Carolina	436	295	174	2,434	1,845	31.9	2.1	1.7
South Carolina	165	68	NM	185	143	28.7	0.2	0.2
Virginia	NM	-29	-95	-1,135	-1,267	-10.4	-1.8	-2.0
West Virginia	30	30	NM	236	211	11.8	0.4	0.4
East South Central	**2,793**	**2,218**	**1,737**	**19,471**	**18,021**	**8.0**	**5.7**	**5.3**
Alabama	1,598	1,228	927	8,825	8,356	5.6	7.1	7.0
Kentucky	320	282	226	4,025	3,856	4.4	5.0	4.6
Mississippi	-	-	-	-	-	-	-	-
Tennessee	875	708	584	6,622	5,809	14.0	7.2	6.3
West South Central	**251**	**212**	**428**	**6,290**	**5,959**	**5.6**	**2.1**	**1.5**
Arkansas	151	136	247	3,559	2,548	39.7	8.3	5.7
Louisiana	-	-	-	-	-	-	-	-
Oklahoma	31	43	116	1,810	2,216	-18.3	3.6	4.4
Texas	NM	32	NM	921	1,195	-22.9	0.6	0.5
Mountain	**1,769**	**1,399**	**1,822**	**26,481**	**24,000**	**10.3**	**9.8**	**8.6**
Arizona	478	392	691	7,419	7,900	-6.1	9.1	9.2
Colorado	27	44	NM	972	1,222	-20.5	2.3	2.9
Idaho	422	393	448	8,074	6,663	21.2	99.5	99.9
Montana	621	326	390	6,437	4,094	57.2	95.6	92.7
Nevada	150	182	130	2,259	2,505	-9.8	9.1	9.0
New Mexico	NM	12	NM	260	237	9.4	0.9	0.7
Utah	NM	31	NM	476	500	-4.8	1.3	1.4
Wyoming	26	20	41	585	879	-33.5	1.4	2.0
Pacific Contiguous	**10,145**	**9,642**	**10,101**	**140,492**	**107,345**	**30.9**	**70.3**	**61.0**
California	1,986	1,649	1,575	29,604	24,468	21.0	40.6	34.9
Oregon	2,562	2,534	2,840	34,051	28,360	20.1	85.9	74.5
Washington	5,596	5,459	5,686	76,836	54,517	40.9	88.1	80.5
Pacific Noncontiguous	**NM**	**154**	**NM**	**1,635**	**1,364**	**19.9**	**13.5**	**11.6**
Alaska	NM	154	NM	1,626	1,346	20.9	29.4	24.8
Hawaii	*	*	1	9	18	-52.9	0.1	0.3
U.S. Total	**18,843**	**17,195**	**17,236**	**233,414**	**190,105**	**22.8**	**9.2**	**7.2**

* = 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. • Pumping energy used at pumped storage plants in December was 1,475 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	December 2002	November 2002	December 2001	Year to Date				
				Nuclear Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**-**	**-**	**1,219**	**9,967**	**15,494**	**-35.7**	**58.8**	**69.7**
Connecticut	-	-	-	-	2,630	-	-	93.4
Maine	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-
New Hampshire	-	-	862	7,600	8,693	-12.6	61.9	66.4
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	357	2,367	4,171	-43.2	79.6	88.1
Mid Atlantic	**1,612**	**1,323**	**1,566**	**17,422**	**33,933**	**-48.7**	**23.1**	**38.6**
New Jersey	-	-	-	-	-	-	-	-
New York	369	357	369	3,827	20,753	-81.6	8.8	35.4
Pennsylvania	1,243	966	1,197	13,595	13,179	3.2	44.7	47.7
East North Central	**4,876**	**4,911**	**4,748**	**54,401**	**53,682**	**1.3**	**12.8**	**12.4**
Illinois	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-
Michigan	2,802	2,894	2,325	31,087	26,711	16.4	31.0	27.5
Ohio	928	902	1,379	10,865	15,464	-29.7	7.9	11.4
Wisconsin	1,145	1,115	1,043	12,449	11,507	8.2	22.7	20.9
West North Central	**4,146**	**3,206**	**3,449**	**45,812**	**43,099**	**6.3**	**15.8**	**15.7**
Iowa	429	415	431	4,574	3,853	18.7	11.4	9.9
Kansas	888	858	888	9,042	10,347	-12.6	19.4	23.2
Minnesota	1,163	1,003	1,025	13,685	11,789	16.1	26.3	26.3
Missouri	741	68	742	8,390	8,384	0.1	10.4	10.6
Nebraska	926	862	364	10,122	8,726	16.0	32.1	28.7
North Dakota	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	**16,083**	**14,187**	**14,390**	**185,111**	**178,669**	**3.6**	**29.9**	**30.1**
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	2,987	2,802	2,295	33,704	31,583	6.7	19.6	18.5
Georgia	2,535	2,106	2,927	31,108	33,682	-7.6	27.6	30.5
Maryland	-	-	-	-	-	-	-	-
North Carolina	3,679	3,572	2,919	39,627	37,775	4.9	34.3	34.4
South Carolina	4,959	3,931	4,209	53,326	49,870	6.9	56.9	57.5
Virginia	1,923	1,778	2,040	27,346	25,759	6.2	43.6	41.5
West Virginia	-	-	-	-	-	-	-	-
East South Central	**6,245**	**6,230**	**6,177**	**69,490**	**68,857**	**0.9**	**20.3**	**20.1**
Alabama	2,858	2,833	2,724	31,857	30,357	4.9	25.8	25.6
Kentucky	-	-	-	-	-	-	-	-
Mississippi	956	910	936	10,059	9,924	1.4	21.9	20.9
Tennessee	2,430	2,488	2,517	27,574	28,576	-3.5	29.8	30.7
West South Central	**4,117**	**3,243**	**6,465**	**50,914**	**70,280**	**-27.6**	**17.3**	**17.1**
Arkansas	1,353	1,082	1,341	14,559	14,781	-1.5	33.9	33.0
Louisiana	1,556	1,512	1,571	17,305	17,336	-0.2	34.3	34.4
Oklahoma	-	-	-	-	-	-	-	-
Texas	1,207	649	3,553	19,050	38,163	-50.1	12.7	14.4
Mountain	**2,813**	**2,507**	**2,786**	**30,862**	**28,724**	**7.4**	**11.4**	**10.3**
Arizona	2,813	2,507	2,786	30,862	28,724	7.4	37.8	33.5
Colorado	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-
Pacific Contiguous	**3,710**	**2,970**	**4,129**	**43,391**	**41,470**	**4.6**	**21.7**	**23.6**
California	2,873	2,163	3,287	34,342	33,220	3.4	47.1	47.4
Oregon	-	-	-	-	-	-	-	-
Washington	837	807	842	9,048	8,250	9.7	10.4	12.2
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**43,601**	**38,577**	**44,929**	**507,370**	**534,207**	**-5.0**	**19.9**	**20.3**

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	December 2002	November 2002	December 2001	Year to Date				
				Other Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	**38**	**27**	**11**	**330**	**336**	**-1.8**	**1.9**	**1.5**
Connecticut	NM	14	-	143	147	-2.5	78.0	5.2
Maine	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-
Vermont	24	14	11	187	189	-1.2	6.3	4.0
Mid Atlantic	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
New Jersey	-	-	-	-	-	-	-	-
New York	-	-	-	-	-	-	-	-
Pennsylvania	-	-	-	-	-	-	-	-
East North Central	**36**	**35**	**35**	**349**	**364**	**-4.1**	**0.1**	**0.1**
Illinois	-	-	-	-	8	-	-	*
Indiana	-	-	-	-	-	-	-	-
Michigan	1	2	1	26	15	73.1	*	*
Ohio	-	-	-	-	-	-	-	-
Wisconsin	35	33	34	322	340	-5.3	0.6	0.6
West North Central	**49**	**48**	**44**	**520**	**488**	**6.7**	**0.2**	**0.2**
Iowa	4	5	4	46	52	-11.7	0.1	0.1
Kansas	-	-	-	-	-	-	-	-
Minnesota	37	36	35	411	381	7.9	0.8	0.9
Missouri	7	6	4	55	52	7.0	0.1	0.1
Nebraska	*	*	*	3	3	1.9	*	*
North Dakota	-	-	-	-	-	-	-	-
South Dakota	*	1	*	6	1	589.8	0.1	*
South Atlantic	**14**	**8**	**10**	**156**	**151**	**2.9**	*	*
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	12	5	10	118	125	-5.2	0.1	0.1
Georgia	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-
South Carolina	1	1	-	16	-	-	*	-
Virginia	-	-	-	-	-	-	-	-
West Virginia	*	2	-	22	26	-17.3	*	0.1
East South Central	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alabama	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-
West South Central	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Arkansas	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-
Mountain	**29**	**29**	**3**	**297**	**34**	**770.1**	**0.1**	*
Arizona	4	3	3	33	34	-2.8	*	*
Colorado	6	7	3	60	39	54.8	0.1	0.1
Idaho	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-
Utah	-	-	-	184	-	-	0.5	-
Wyoming	2	2	1	19	16	17.6	*	*
Pacific Contiguous	**61**	**59**	**36**	**503**	**568**	**-11.5**	**0.3**	**0.3**
California	19	16	13	204	210	-2.8	0.3	0.3
Oregon	-	-	-	-	-	-	-	-
Washington	42	43	23	299	358	-16.5	0.3	0.5
Pacific Noncontiguous	**NM**	*	*	**2**	**3**	**-28.4**	*	*
Alaska	NM	*	*	1	1	-38.4	*	*
Hawaii	*	*	*	2	2	-23.9	*	*
U.S. Total	**226**	**208**	**137**	**2,157**	**1,999**	**7.9**	**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 December 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
December	-	63,361	3,917	67,278	809	5,616	6,425	133	115,399
Total	**-**	**725,019**	**45,352**	**770,371**	**13,145**	**72,480**	**85,625**	**1,720**	**2,243,497**
Year to Date									
2002	**-**	**725,019**	**45,352**	**770,371**	**13,145**	**72,480**	**85,625**	**1,720**	**2,243,497**
2001	**-**	**735,694**	**70,575**	**806,269**	**21,103**	**105,283**	**126,386**	**1,418**	**2,686,287**
2000	**NA**	**783,536**	**75,799**	**859,335**	**22,779**	**97,350**	**120,129**	**1,132**	**3,043,094**

[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	December 2002	November 2002	December 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR	16,492	15,245	15,764	191,642	189,575	1.1
ERCOT	3,336	2,782	6,330	39,289	73,974	-46.9
FRCC	1,639	1,393	1,827	19,603	23,420	-16.3
MAAC	70	39	NM	669	1,405	-52.4
MAIN	4,763	4,178	4,596	53,126	57,904	-8.3
MAPP (U.S.)	8,384	7,768	8,111	91,289	90,147	1.3
NPCC (U.S.)	256	NM	305	2,673	2,852	-6.3
SERC	14,216	12,465	12,484	165,605	161,329	2.7
SPP	9,413	9,441	9,682	109,512	106,598	2.7
WSCC (U.S.)	8,692	8,142	8,473	96,762	98,885	-2.1
Contiguous U.S.	**67,261**	**61,694**	**67,678**	**770,171**	**806,089**	**-4.5**
Alaska	18	16	17	200	181	10.7
Hawaii	-	-	-	-	-	-
Noncontiguous U.S.	**18**	**16**	**17**	**200**	**181**	**10.7**
U.S. Total	**67,278**	**61,711**	**67,695**	**770,371**	**806,269**	**-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 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	December 2002	November 2002	December 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR	273	145	187	3,524	3,217	9.5
ERCOT	6	11	15	52	3,120	-98.3
FRCC	2,439	2,516	2,333	45,841	59,402	-22.8
MAAC	30	10	43	655	984	-33.4
MAIN	21	18	22	478	633	-24.4
MAPP (U.S.)	22	21	18	598	917	-34.8
NPCC (U.S.)	1,749	1,244	753	13,959	16,863	-17.2
SERC	689	406	608	7,577	10,742	-29.5
SPP	164	57	526	1,511	14,741	-89.8
WSCC (U.S.)	42	44	68	516	4,588	-88.8
Contiguous U.S.	**5,435**	**4,472**	**4,572**	**72,991**	**113,789**	**-35.9**
Alaska	92	81	130	1,360	1,542	-11.8
Hawaii	898	890	904	11,273	11,056	2.0
Noncontiguous U.S.	**990**	**971**	**1,034**	**12,633**	**12,598**	**0.3**
U.S. Total	**6,425**	**5,443**	**5,606**	**85,625**	**126,386**	**-32.3**

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	December 2002	November 2002	December 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR	3,330	2,915	2,932	65,221	49,049	33.0
ERCOT	9,125	12,395	29,457	238,273	739,231	-67.8
FRCC	25,330	28,854	30,779	436,753	327,041	33.5
MAAC	31	40	60	1,441	1,720	-16.2
MAIN	996	1,010	1,286	18,175	17,453	4.1
MAPP (U.S.)	721	900	633	36,034	18,572	94.0
NPCC (U.S.)	5,196	7,318	9,313	115,159	96,561	19.3
SERC	14,367	14,172	12,331	211,712	145,965	45.0
SPP	32,158	30,871	37,413	770,900	768,435	0.3
WSCC (U.S.)	21,062	21,779	25,874	318,240	489,672	-35.0
Contiguous U.S.	**112,316**	**120,253**	**150,078**	**2,211,908**	**2,653,699**	**-16.6**
Alaska	3,084	2,577	3,201	31,589	32,588	-3.1
Hawaii	-	-	-	-	-	-
Noncontiguous U.S.	**3,084**	**2,577**	**3,201**	**31,589**	**32,588**	**-3.1**
U.S. Total	**115,399**	**122,830**	**153,279**	**2,243,497**	**2,686,287**	**-16.5**

* = 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	December 2002	November 2002	December 2001	Year to Date		
				2002	2001	Difference (percent)
New England	**NM**	**NM**	**172**	**1,968**	**1,981**	**-0.6**
Connecticut	-	-	-	-	-	-
Maine	-	-	-	-	-	-
Massachusetts	NM	NM	43	441	447	-1.3
New Hampshire	143	133	130	1,527	1,533	-0.4
Rhode Island	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Mid Atlantic	**787**	**634**	**691**	**7,801**	**7,317**	**6.6**
New Jersey	70	39	NM	669	691	-3.1
New York	73	72	138	705	871	-19.0
Pennsylvania	643	523	513	6,427	5,755	11.7
East North Central	**15,008**	**14,070**	**14,968**	**175,446**	**181,567**	**-3.4**
Illinois	840	749	1,345	11,421	16,227	-29.6
Indiana	4,447	4,477	4,651	53,822	55,846	-3.6
Michigan	2,942	2,778	2,697	33,243	33,728	-1.4
Ohio	4,697	4,262	4,454	53,619	51,705	3.7
Wisconsin	2,081	1,805	1,820	23,341	24,062	-3.0
West North Central	**13,205**	**12,237**	**12,442**	**142,861**	**137,929**	**3.6**
Iowa	1,946	1,738	1,729	21,887	21,171	3.4
Kansas	1,934	1,910	1,784	22,650	20,150	12.4
Minnesota	1,792	1,658	1,715	19,126	18,410	3.9
Missouri	3,924	3,508	3,496	39,703	38,585	2.9
Nebraska	1,123	1,032	1,100	12,210	12,606	-3.1
North Dakota	2,276	2,196	2,411	25,235	24,795	1.8
South Dakota	209	196	208	2,051	2,212	-7.3
South Atlantic	**11,401**	**9,955**	**10,325**	**135,855**	**132,824**	**2.3**
Delaware	-	-	NM	-	714	-
District of Columbia	-	-	-	-	-	-
Florida	1,941	1,647	2,031	22,586	26,479	-14.7
Georgia	2,565	2,110	2,440	32,793	30,891	6.2
Maryland	-	-	-	-	-	-
North Carolina	2,344	2,220	2,093	27,953	27,109	3.1
South Carolina	1,192	1,018	1,030	14,347	14,382	-0.2
Virginia	1,180	1,029	1,061	12,465	12,267	1.6
West Virginia	2,179	1,932	1,617	25,711	20,982	22.5
East South Central	**8,388**	**7,763**	**7,870**	**100,408**	**102,594**	**-2.1**
Alabama	2,855	2,902	2,476	33,312	33,627	-0.9
Kentucky	2,945	2,311	3,062	34,551	36,146	-4.4
Mississippi	713	821	424	7,915	8,334	-5.0
Tennessee	1,874	1,730	1,909	24,630	24,487	0.6
West South Central	**8,817**	**7,972**	**12,029**	**101,096**	**134,756**	**-25.0**
Arkansas	1,130	1,285	1,512	14,165	15,110	-6.3
Louisiana	810	597	778	7,882	7,634	3.3
Oklahoma	1,920	1,734	1,773	20,342	19,575	3.9
Texas	4,957	4,357	7,965	58,706	92,438	-36.5
Mountain	**9,241**	**8,671**	**8,945**	**102,581**	**104,631**	**-2.0**
Arizona	1,796	1,739	1,591	19,328	20,158	-4.1
Colorado	1,698	1,594	1,698	19,139	19,435	-1.5
Idaho	-	-	-	-	-	-
Montana	31	30	29	283	307	-7.7
Nevada	763	661	672	7,887	8,190	-3.7
New Mexico	1,246	1,279	1,452	15,193	15,955	-4.8
Utah	1,340	1,198	1,263	15,194	14,403	5.5
Wyoming	2,366	2,171	2,240	25,558	26,184	-2.4
Pacific Contiguous	**231**	**224**	**229**	**2,155**	**2,490**	**-13.5**
California	-	-	-	-	-	-
Oregon	231	224	229	2,155	2,490	-13.5
Washington	-	-	-	-	-	-
Pacific Noncontiguous	**18**	**16**	**17**	**200**	**181**	**10.7**
Alaska	18	16	17	200	181	10.7
Hawaii	-	-	-	-	-	-
U.S. Total	**67,278**	**61,711**	**67,695**	**770,371**	**806,269**	**-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 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	December 2002	November 2002	December 2001	Year to Date		
				2002	2001	Difference (percent)
New England	**273**	**74**	**29**	**1,314**	**1,227**	**7.1**
Connecticut	NM	NM	NM	20	29	-31.5
Maine	-	-	-	-	-	-
Massachusetts	NM	6	NM	111	261	-57.3
New Hampshire	247	66	20	1,144	831	37.7
Rhode Island	NM	NM	NM	13	19	-31.5
Vermont	NM	NM	NM	26	87	-70.6
Mid Atlantic	**1,495**	**1,174**	**731**	**13,095**	**16,120**	**-18.8**
New Jersey	18	1	NM	382	446	-14.5
New York	1,476	1,170	725	12,645	15,636	-19.1
Pennsylvania	NM	3	NM	68	37	81.9
East North Central	**233**	**119**	**150**	**3,072**	**3,034**	**1.2**
Illinois	NM	5	NM	82	200	-59.1
Indiana	20	27	34	415	455	-8.9
Michigan	172	45	74	2,009	1,485	35.4
Ohio	27	40	31	585	775	-24.5
Wisconsin	NM	9	NM	173	230	-24.9
West North Central	**117**	**67**	**64**	**1,454**	**2,158**	**-32.6**
Iowa	NM	8	NM	118	214	-44.6
Kansas	88	36	35	909	1,169	-22.3
Minnesota	NM	23	NM	292	425	-31.4
Missouri	NM	14	NM	376	497	-24.4
Nebraska	NM	2	NM	42	62	-32.9
North Dakota	8	2	4	68	64	5.8
South Dakota	*	1	NM	15	107	-86.4
South Atlantic	**3,123**	**2,921**	**2,943**	**52,215**	**68,613**	**-23.9**
Delaware	9	6	NM	225	367	-38.6
District of Columbia	-	-	-	-	-	-
Florida	2,545	2,583	2,456	45,855	59,424	-22.8
Georgia	17	13	12	413	570	-27.5
Maryland	NM	NM	NM	48	170	-71.8
North Carolina	31	28	26	730	855	-14.6
South Carolina	37	13	12	346	473	-26.8
Virginia	540	314	485	5,409	7,297	-25.9
West Virginia	47	29	NM	353	386	-8.4
East South Central	**75**	**49**	**90**	**849**	**10,040**	**-91.5**
Alabama	20	14	27	230	534	-57.0
Kentucky	27	14	26	220	219	0.8
Mississippi	NM	5	NM	61	8,396	-99.3
Tennessee	27	16	36	337	891	-62.2
West South Central	**76**	**21**	**497**	**449**	**8,038**	**-94.4**
Arkansas	69	7	399	260	1,421	-81.7
Louisiana	NM	2	77	108	2,977	-96.4
Oklahoma	NM	*	NM	18	258	-93.1
Texas	NM	12	NM	64	3,383	-98.1
Mountain	**30**	**32**	**63**	**415**	**3,368**	**-87.7**
Arizona	4	3	8	96	660	-85.4
Colorado	5	7	NM	56	339	-83.4
Idaho	*	-	*	*	7	-
Montana	NM	NM	NM	1	2	-35.2
Nevada	3	4	11	49	2,125	-97.7
New Mexico	6	9	1	53	61	-13.7
Utah	NM	NM	NM	84	109	-22.8
Wyoming	3	4	7	76	66	15.6
Pacific Contiguous	**13**	**13**	**7**	**129**	**1,190**	**-89.2**
California	12	12	7	107	648	-83.5
Oregon	*	*	*	14	182	-92.4
Washington	*	*	*	8	360	-97.6
Pacific Noncontiguous	**990**	**971**	**1,034**	**12,633**	**12,598**	**0.3**
Alaska	92	81	130	1,360	1,542	-11.8
Hawaii	898	890	904	11,273	11,056	2.0
U.S. Total	**6,425**	**5,443**	**5,606**	**85,625**	**126,386**	**-32.3**

* = 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 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	December 2002	November 2002	December 2001	Year to Date		
				2002	2001	Difference (percent)
New England	**134**	**94**	**208**	**3,574**	**2,891**	**23.6**
Connecticut	-	-	-	-	-	-
Maine	-	-	-	-	-	-
Massachusetts	NM	NM	NM	2,441	2,248	8.6
New Hampshire	103	-	29	1,096	527	107.9
Rhode Island	-	-	-	-	-	-
Vermont	3	4	3	37	116	-68.2
Mid Atlantic	**5,090**	**7,260**	**9,120**	**112,765**	**94,905**	**18.8**
New Jersey	27	37	14	1,169	1,224	-4.5
New York	5,062	7,223	9,105	111,585	93,669	19.1
Pennsylvania	NM	NM	NM	10	11	-4.8
East North Central	**3,923**	**3,464**	**3,794**	**73,060**	**62,172**	**17.5**
Illinois	NM	NM	NM	3,218	5,109	-37.0
Indiana	1,345	1,528	434	15,436	6,357	142.8
Michigan	1,496	883	2,204	30,638	33,546	-8.7
Ohio	NM	280	NM	10,702	5,124	108.8
Wisconsin	714	684	425	13,067	12,036	8.6
West North Central	**1,800**	**2,011**	**3,364**	**68,871**	**73,317**	**-6.1**
Iowa	416	461	277	6,996	5,754	21.6
Kansas	NM	NM	NM	21,416	23,267	-8.0
Minnesota	NM	NM	NM	6,534	5,143	27.0
Missouri	NM	453	1,850	27,734	30,365	-8.7
Nebraska	NM	NM	NM	4,916	4,290	14.6
North Dakota	-	-	-	1	3	-69.8
South Dakota	25	12	NM	1,274	4,496	-71.7
South Atlantic	**27,626**	**31,607**	**32,510**	**531,486**	**372,078**	**42.8**
Delaware	3	2	21	242	481	-49.7
District of Columbia	-	-	-	-	-	-
Florida	26,592	30,383	30,792	453,479	328,147	38.2
Georgia	NM	NM	NM	13,430	12,257	9.6
Maryland	*	NM	NM	19	4	406.1
North Carolina	275	412	159	18,340	11,083	65.5
South Carolina	241	364	51	27,450	2,314	1,086.4
Virginia	405	347	1,419	18,494	17,759	4.1
West Virginia	3	3	NM	33	33	-0.9
East South Central	**14,530**	**13,551**	**15,108**	**266,187**	**196,609**	**35.4**
Alabama	4,825	5,324	5,257	87,832	66,225	32.6
Kentucky	213	228	278	8,536	4,140	106.2
Mississippi	9,212	7,923	9,573	169,235	126,198	34.1
Tennessee	281	77	-	585	47	1,145.3
West South Central	**37,996**	**40,442**	**61,420**	**836,631**	**1,366,004**	**-38.8**
Arkansas	48	484	411	18,990	20,999	-9.6
Louisiana	10,392	11,962	10,157	243,091	226,632	7.3
Oklahoma	6,931	5,850	9,188	153,060	160,890	-4.9
Texas	20,625	22,146	41,664	421,491	957,483	-56.0
Mountain	**12,760**	**13,791**	**14,903**	**206,150**	**273,726**	**-24.7**
Arizona	2,019	2,672	3,840	55,718	102,420	-45.6
Colorado	3,824	3,533	3,598	44,893	45,981	-2.4
Idaho	18	*	-	466	-	-
Montana	4	1	*	103	146	-29.4
Nevada	4,346	5,071	5,326	62,204	68,960	-9.8
New Mexico	1,817	1,814	1,206	30,164	38,350	-21.3
Utah	NM	NM	709	10,869	15,141	-28.2
Wyoming	152	95	224	1,731	2,727	-36.5
Pacific Contiguous	**8,456**	**8,032**	**10,323**	**113,184**	**211,997**	**-46.6**
California	6,123	6,135	6,401	88,583	120,036	-26.2
Oregon	1,322	1,271	2,774	15,099	44,998	-66.4
Washington	1,011	626	1,148	9,502	46,964	-79.8
Pacific Noncontiguous	**3,084**	**2,577**	**3,201**	**31,589**	**32,588**	**-3.1**
Alaska	3,084	2,577	3,201	31,589	32,588	-3.1
Hawaii	-	-	-	-	-	-
U.S. Total	**115,399**	**122,830**	**153,279**	**2,243,497**	**2,686,287**	**-16.5**

* = 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 December 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
December	W	113,320	W	116,035	12,363	17,212	29,575	258

[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	December 2002	November 2002	December 2001	Monthly Difference (percent)	Yearly Difference (percent)
ECAR	30,133	31,299	28,286	-3.7	6.5
ERCOT	4,710	5,040	8,040	-6.5	-41.4
FRCC	4,178	4,257	3,678	-1.9	13.6
MAAC	168	176	225	-4.7	-25.5
MAIN	12,479	11,979	11,441	4.2	9.1
MAPP (U.S.)	12,991	12,953	11,931	0.3	8.9
NPCC (U.S.)	571	564	475	1.2	20.2
SERC	19,622	20,710	23,996	-5.3	-18.2
SPP	18,898	19,205	16,970	-1.6	11.4
WSCC (U.S.)	12,285	12,473	12,108	-1.5	1.5
Contiguous U.S.	**116,035**	**118,656**	**117,150**	**-2.2**	**-1.0**
Alaska	-	-	-	-	-
Hawaii	-	-	-	-	-
Noncontiguous U.S.	**-**	**-**	**-**	**-**	**-**
U.S. Total	**116,035**	**118,656**	**117,150**	**-2.2**	**-1.0**

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	December 2002	November 2002	December 2001	Monthly Difference (percent)	Yearly Difference (percent)
ECAR	1,905	1,984	2,792	-4.0	-31.8
ERCOT	1,124	1,148	3,273	-2.1	-65.7
FRCC	9,389	8,200	9,392	14.5	*
MAAC	222	238	232	-6.8	-4.4
MAIN	297	303	443	-2.1	-33.0
MAPP (U.S.)	838	742	898	12.9	-6.7
NPCC (U.S.)	3,286	3,395	4,571	-3.2	-28.1
SERC	5,033	4,393	5,959	14.6	-15.5
SPP	3,900	3,870	4,691	0.8	-16.9
WSCC (U.S.)	2,353	2,349	2,480	0.2	-5.1
Contiguous U.S.	**28,347**	**26,622**	**34,731**	**6.5**	**-18.4**
Alaska	221	210	250	5.1	-11.5
Hawaii	1,006	1,038	910	-3.0	10.6
Noncontiguous U.S.	**1,227**	**1,248**	**1,160**	**-1.7**	**5.8**
U.S. Total	**29,575**	**27,870**	**35,891**	**6.1**	**-17.6**

* = 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. • 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	December 2002	November 2002	December 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	445	422	424	5.4	5.0
Mid Atlantic	1,656	1,822	1,330	-9.1	24.5
East North Central	31,664	32,076	30,233	-1.3	4.7
West North Central	23,377	23,075	21,142	1.3	10.6
South Atlantic	19,051	21,267	23,672	-10.4	-19.5
East South Central	12,011	11,754	11,571	2.2	3.8
West South Central	15,024	15,267	16,267	-1.6	-7.6
Mountain	12,662	12,806	12,316	-1.1	2.8
Pacific Contiguous	144	166	197	-13.2	-26.7
Pacific Noncontiguous	-	-	-	-	-
U.S. Total	**116,035**	**118,656**	**117,150**	**-2.2**	**-1.0**

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	December 2002	November 2002	December 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	758	591	882	28.4	-14.0
Mid Atlantic	2,704	2,991	3,902	-9.6	-30.7
East North Central	1,884	1,979	2,860	-4.8	-34.1
West North Central	2,174	2,058	2,346	5.6	-7.3
South Atlantic	13,387	11,905	14,428	12.4	-7.2
East South Central	1,995	1,638	2,205	21.8	-9.5
West South Central	3,126	3,136	5,658	-0.3	-44.7
Mountain	1,164	1,165	1,267	-0.1	-8.1
Pacific Contiguous	1,156	1,159	1,182	-0.3	-2.2
Pacific Noncontiguous	1,227	1,248	1,160	-1.7	5.8
U.S. Total	**29,575**	**27,870**	**35,891**	**6.1**	**-17.6**

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 November 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
November	60,252	122.1	5,136	389.2	5,570	404.2	95,352	428.9	152.0
Total	**631,739**	**122.1**	**53,756**	**356.5**	**57,601**	**368.2**	**1,537,642**	**360.0**	**153.6**
Year to Date									
2002[4]	**631,739**	**122.1**	**53,756**	**356.5**	**57,601**	**368.2**	**1,537,642**	**360.0**	**153.6**
2001[4]	**697,435**	**123.3**	**100,194**	**377.2**	**109,201**	**397.2**	**2,029,071**	**457.2**	**176.1**
2000	**728,754**	**120.1**	**82,194**	**429.2**	**87,248**	**441.2**	**2,473,023**	**403.9**	**170.2**

[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	November 2002[1]	October 2002[1]	November 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	13,488	14,010	12,766	137,707	158,252	-13.0
ERCOT	1,816	1,684	3,468	19,175	63,499	-69.8
FRCC	1,768	1,848	1,808	17,807	20,796	-14.4
MAAC	74	65	40	506	404	25.3
MAIN	4,491	5,052	4,965	50,251	53,778	-6.6
MAPP (U.S.)	6,807	6,789	7,388	74,798	74,720	0.1
NPCC (U.S.)	214	260	223	2,155	2,277	-5.4
SERC	13,251	14,310	13,621	147,810	146,551	0.9
SPP	8,804	8,810	7,364	89,412	87,586	2.1
WSCC (U.S.)	9,539	9,597	7,906	92,118	89,571	2.8
Contiguous U.S.	**60,252**	**62,424**	**59,551**	**631,739**	**697,435**	**-9.4**
Alaska	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-
Noncontiguous U.S.	**-**	**-**	**-**	**-**	**-**	**-**
U.S. Total	**60,252**	**62,424**	**59,551**	**631,739**	**697,435**	**-9.4**

[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	November 2002[1]	October 2002[1]	November 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	120.4	119.8	118.1	121.9	121.8	0.1
ERCOT	112.2	116.0	145.3	116.3	130.4	-10.9
FRCC	179.0	181.0	174.2	175.8	172.8	1.7
MAAC	208.9	210.3	253.9	230.3	191.8	20.1
MAIN	101.8	103.6	106.8	104.7	107.4	-2.5
MAPP (U.S.)	86.4	88.8	83.5	86.7	82.9	4.7
NPCC (U.S.)	170.8	169.9	176.0	176.0	158.5	11.1
SERC	149.6	148.6	151.5	149.7	149.1	0.4
SPP	107.4	110.5	107.0	101.4	105.3	-3.7
WSCC (U.S.)	106.5	102.6	106.7	105.1	108.4	-3.1
Contiguous U.S.	**122.1**	**122.4**	**123.7**	**122.1**	**123.3**	**-0.9**
Alaska	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-
Noncontiguous U.S.	**-**	**-**	**-**	**-**	**-**	**-**
U.S. Average	**122.1**	**122.4**	**123.7**	**122.1**	**123.3**	**-0.9**

[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. • 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	November 2002[1]	October 2002[1]	November 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	155	123	172	1,826	3,336	-45.3
ERCOT	-	*	-	*	1,887	NM
FRCC	3,475	4,963	2,996	38,257	54,834	-30.2
MAAC	67	40	9	713	1,143	-37.6
MAIN	8	12	18	188	343	-45.0
MAPP (U.S.)	16	6	16	164	249	-34.1
NPCC (U.S.)	1,187	1,305	1,351	10,259	15,532	-33.9
SERC	552	129	361	4,908	7,477	-34.4
SPP	77	116	378	924	12,716	-92.7
WSCC (U.S.)	33	92	41	361	1,424	-74.7
Contiguous U.S.	**5,570**	**6,787**	**5,341**	**57,601**	**98,939**	**-41.8**
Alaska	-	-	-	-	-	-
Hawaii	-	-	780	-	10,262	NM
Noncontiguous U.S.	**-**	**-**	**780**	**-**	**10,262**	**-100.0**
U.S. Total	**5,570**	**6,787**	**6,121**	**57,601**	**109,201**	**-47.3**

[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	November 2002[1]	October 2002[1]	November 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	527.4	562.5	374.3	398.5	497.7	-19.9
ERCOT	-	506.3	-	506.3	678.2	-25.3
FRCC	408.8	433.0	271.8	367.4	364.7	0.7
MAAC	290.9	468.3	342.0	397.7	383.4	3.7
MAIN	625.2	672.8	521.0	507.3	606.0	-16.3
MAPP (U.S.)	748.4	656.7	523.5	553.4	642.5	-13.9
NPCC (U.S.)	367.7	365.6	269.0	343.5	354.1	-3.0
SERC	415.7	517.9	276.8	393.5	406.8	-3.3
SPP	376.6	375.2	241.1	326.5	407.3	-19.8
WSCC (U.S.)	616.8	702.2	541.5	598.3	690.9	-13.4
Contiguous U.S.	**404.2**	**426.9**	**275.8**	**368.2**	**387.6**	**-5.0**
Alaska	-	-	-	-	-	-
Hawaii	-	-	400.0	-	490.3	NM
Noncontiguous U.S.	**-**	**-**	**400.0**	**-**	**490.3**	**NM**
U.S. Average	**404.2**	**426.9**	**291.5**	**368.2**	**397.2**	**-7.3**

[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	November 2002[1]	October 2002[1]	November 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	910	1,138	2,190	22,137	25,499	-13.2
ERCOT	5,109	9,166	20,315	55,542	658,871	-91.6
FRCC	22,420	33,043	21,403	330,418	231,908	42.5
MAAC	2	11	104	250	527	-52.5
MAIN	276	243	815	6,820	6,544	4.2
MAPP (U.S.)	495	743	327	7,458	5,177	44.1
NPCC (U.S.)	3,716	6,551	8,400	77,815	88,009	-11.6
SERC	9,204	10,008	4,203	134,710	63,983	110.5
SPP	30,594	46,737	37,274	646,262	622,587	3.8
WSCC (U.S.)	21,562	26,365	15,222	244,133	316,560	-22.9
Contiguous U.S.	**94,286**	**134,005**	**110,253**	**1,525,544**	**2,019,665**	**-24.5**
Alaska	1,066	771	948	12,097	9,406	28.6
Hawaii	-	-	-	-	-	-
Noncontiguous U.S.	**1,066**	**771**	**948**	**12,097**	**9,406**	**28.6**
U.S. Total	**95,352**	**134,776**	**111,201**	**1,537,642**	**2,029,071**	**-24.2**

[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	November 2002[1]	October 2002[1]	November 2001[1]	Year to Date		
				2002[1]	2001[1]	Difference (percent)
ECAR	256.7	365.4	293.4	332.7	401.5	-17.1
ERCOT	395.3	383.8	301.5	336.0	426.6	-21.2
FRCC	459.0	463.8	369.9	394.4	470.4	-16.2
MAAC	409.5	474.9	302.5	352.3	482.4	-27.0
MAIN	478.5	425.7	245.0	355.6	431.4	-17.6
MAPP (U.S.)	484.0	435.7	366.6	379.6	487.2	-22.1
NPCC (U.S.)	496.3	441.4	345.5	375.4	410.5	-8.5
SERC	450.1	448.0	256.3	354.4	409.2	-13.4
SPP	439.2	414.5	306.6	339.4	424.7	-20.1
WSCC (U.S.)	400.8	350.9	348.2	379.2	608.7	-37.7
Contiguous U.S.	**431.4**	**416.0**	**324.3**	**360.9**	**458.1**	**-21.2**
Alaska	198.2	196.8	289.6	241.2	251.1	-3.9
Hawaii	-	-	-	-	-	-
Noncontiguous U.S.	**198.2**	**196.8**	**289.6**	**241.2**	**251.1**	**-3.9**
U.S. Average	**428.9**	**414.7**	**324.1**	**360.0**	**457.2**	**-21.3**

[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, November 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	**-**	**-**	**144**	**3,778**	**-**	**-**	**-**	**-**	**144**	**3,778**
Connecticut	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	17	451	-	-	-	-	17	451
New Hampshire	-	-	126	3,326	-	-	-	-	126	3,326
Rhode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**-**	**-**	**208**	**5,388**	**-**	**-**	**-**	**-**	**208**	**5,388**
New Jersey	-	-	74	1,907	-	-	-	-	74	1,907
New York	-	-	71	1,846	-	-	-	-	71	1,846
Pennsylvania	-	-	64	1,635	-	-	-	-	64	1,635
East North Central	**-**	**-**	**7,190**	**168,829**	**5,676**	**100,677**	**-**	**-**	**12,867**	**269,506**
Illinois	-	-	365	7,839	398	7,026	-	-	764	14,864
Indiana	-	-	3,179	72,558	1,201	21,244	-	-	4,380	93,803
Michigan	-	-	709	17,884	2,256	40,927	-	-	2,965	58,811
Ohio	-	-	2,729	65,490	-	-	-	-	2,729	65,490
Wisconsin	-	-	209	5,058	1,820	31,480	-	-	2,029	36,538
West North Central	**-**	**-**	**220**	**4,960**	**9,419**	**163,436**	**2,174**	**28,491**	**11,812**	**196,886**
Iowa	-	-	42	935	1,474	25,254	-	-	1,516	26,189
Kansas	-	-	24	514	1,818	31,015	-	-	1,842	31,529
Minnesota	-	-	9	215	1,583	28,070	-	-	1,591	28,285
Missouri	-	-	144	3,296	3,171	55,408	-	-	3,315	58,704
Nebraska	-	-	-	-	1,162	20,112	-	-	1,162	20,112
North Dakota	-	-	-	-	23	372	2,174	28,491	2,197	28,862
South Dakota	-	-	-	-	188	3,205	-	-	188	3,205
South Atlantic	**-**	**-**	**10,277**	**255,294**	**506**	**8,875**	**-**	**-**	**10,784**	**264,168**
Delaware	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	-	-	2,027	50,290	-	-	-	-	2,027	50,290
Georgia	-	-	1,755	43,477	506	8,875	-	-	2,262	52,351
Maryland	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	2,184	53,826	-	-	-	-	2,184	53,826
South Carolina	-	-	1,166	29,668	-	-	-	-	1,166	29,668
Virginia	-	-	990	25,244	-	-	-	-	990	25,244
West Virginia	-	-	2,155	52,789	-	-	-	-	2,155	52,789
East South Central	**-**	**-**	**6,382**	**151,722**	**1,390**	**24,423**	**-**	**-**	**7,772**	**176,145**
Alabama	-	-	1,470	34,897	932	16,416	-	-	2,402	51,313
Kentucky	-	-	2,300	53,572	170	2,982	-	-	2,470	56,553
Mississippi	-	-	338	8,037	-	-	-	-	338	8,037
Tennessee	-	-	2,273	55,216	288	5,025	-	-	2,561	60,241
West South Central	**-**	**-**	**12**	**294**	**6,149**	**106,314**	**965**	**12,104**	**7,127**	**118,713**
Arkansas	-	-	-	-	1,405	24,279	-	-	1,405	24,279
Louisiana	-	-	-	-	428	7,494	350	4,716	778	12,210
Oklahoma	-	-	12	294	1,859	32,332	-	-	1,871	32,627
Texas	-	-	-	-	2,457	42,209	616	7,388	3,073	49,597
Mountain	**-**	**-**	**3,067**	**68,852**	**6,246**	**115,618**	**30**	**393**	**9,343**	**184,863**
Arizona	-	-	31	704	1,798	36,434	-	-	1,828	37,138
Colorado	-	-	468	10,257	891	16,542	-	-	1,359	26,798
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	494	8,470	30	393	524	8,864
Nevada	-	-	1,130	25,926	-	-	-	-	1,130	25,926
New Mexico	-	-	-	-	1,284	23,501	-	-	1,284	23,501
Utah	-	-	1,246	28,183	-	-	-	-	1,246	28,183
Wyoming	-	-	192	3,782	1,779	30,671	-	-	1,971	34,454
Pacific Contiguous	**-**	**-**	**-**	**-**	**196**	**3,396**	**-**	**-**	**196**	**3,396**
California	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	196	3,396	-	-	196	3,396
Washington	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-
U.S. Total	**-**	**-**	**27,501**	**659,116**	**29,582**	**522,739**	**3,169**	**40,988**	**60,252**	**1,222,843**

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	November 2002 Receipts		November 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	**144**	**3,778**	**158**	**4,103**	**40,113**	**40,885**	**185.3**	**165.8**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	17	451	-	-	4,435	-	221.7	-
New Hampshire	126	3,326	158	4,103	35,678	40,885	180.8	165.8
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	**208**	**5,388**	**105**	**2,672**	**51,199**	**39,704**	**159.2**	**144.1**
New Jersey	74	1,907	40	995	13,176	4,424	230.3	233.2
New York	71	1,846	64	1,677	16,564	18,412	153.7	142.2
Pennsylvania	64	1,635	-	-	21,459	16,868	119.9	122.7
East North Central	**12,867**	**269,506**	**13,180**	**274,313**	**2,717,808**	**3,186,675**	**119.1**	**120.8**
Illinois	764	14,864	1,329	25,558	228,473	287,665	117.1	119.6
Indiana	4,380	93,803	5,036	106,082	840,671	1,002,382	115.7	113.6
Michigan	2,965	58,811	2,342	47,674	603,024	628,801	129.7	127.5
Ohio	2,729	65,490	2,404	57,422	667,038	870,628	119.4	131.9
Wisconsin	2,029	36,538	2,068	37,577	378,602	397,198	110.7	104.7
West North Central	**11,812**	**196,886**	**11,722**	**195,385**	**2,115,883**	**2,134,415**	**88.2**	**89.1**
Iowa	1,516	26,189	1,944	33,702	338,258	351,199	87.1	81.6
Kansas	1,842	31,529	1,427	24,574	328,137	337,115	98.4	104.1
Minnesota	1,591	28,285	1,779	31,699	293,724	289,741	105.5	102.2
Missouri	3,315	58,704	3,152	55,761	627,458	633,391	89.3	96.0
Nebraska	1,162	20,112	1,022	17,556	195,767	201,932	58.1	56.6
North Dakota	2,197	28,862	2,216	29,015	303,557	287,671	74.6	73.8
South Dakota	188	3,205	182	3,077	28,982	33,365	130.2	103.3
South Atlantic	**10,784**	**264,168**	**11,051**	**269,268**	**2,910,727**	**3,066,667**	**159.8**	**156.8**
Delaware	-	-	-	-	-	602	-	216.9
District of Columbia	-	-	-	-	-	-	-	-
Florida	2,027	50,290	2,041	49,620	497,866	581,272	173.9	171.2
Georgia	2,262	52,351	2,728	64,296	679,386	749,957	167.6	166.1
Maryland	-	-	-	-	-	-	-	-
North Carolina	2,184	53,826	2,670	65,812	553,031	581,199	174.6	159.4
South Carolina	1,166	29,668	1,316	33,161	345,323	355,167	158.6	155.9
Virginia	990	25,244	401	10,147	268,716	259,352	160.2	159.0
West Virginia	2,155	52,789	1,895	46,231	566,404	539,116	124.0	125.0
East South Central	**7,772**	**176,145**	**7,577**	**170,532**	**2,001,598**	**1,945,372**	**128.0**	**126.3**
Alabama	2,402	51,313	2,467	53,743	568,338	596,437	141.3	141.7
Kentucky	2,470	56,553	2,125	48,090	679,967	706,330	118.5	110.1
Mississippi	338	8,037	581	13,689	110,791	132,258	164.4	163.1
Tennessee	2,561	60,241	2,404	55,010	642,502	510,345	120.0	121.4
West South Central	**7,127**	**118,713**	**7,852**	**131,306**	**1,205,131**	**1,805,444**	**109.4**	**120.8**
Arkansas	1,405	24,279	1,052	18,417	219,657	234,633	79.5	89.5
Louisiana	778	12,210	725	11,775	115,135	117,408	129.4	130.6
Oklahoma	1,871	32,627	1,700	29,493	322,315	267,412	93.9	90.6
Texas	3,073	49,597	4,375	71,621	548,023	1,185,990	126.3	132.9
Mountain	**9,343**	**184,863**	**7,673**	**152,029**	**1,772,630**	**1,733,297**	**104.5**	**108.4**
Arizona	1,828	37,138	1,674	33,861	327,570	359,633	124.4	124.6
Colorado	1,359	26,798	1,581	30,785	340,899	332,681	95.4	92.1
Idaho	-	-	-	-	-	-	-	-
Montana	524	8,864	22	287	95,771	3,621	61.0	95.5
Nevada	1,130	25,926	686	15,486	155,227	163,336	133.5	126.5
New Mexico	1,284	23,501	1,157	21,828	169,975	187,837	151.9	150.1
Utah	1,246	28,183	947	21,745	301,362	295,784	97.9	112.1
Wyoming	1,971	34,454	1,606	28,038	381,827	390,406	78.9	77.0
Pacific Contiguous	**196**	**3,396**	**233**	**4,262**	**32,054**	**41,315**	**133.2**	**108.6**
California	-	-	-	-	-	-	-	-
Oregon	196	3,396	233	4,262	32,054	41,315	133.2	108.6
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**60,252**	**1,222,843**	**59,551**	**1,203,870**	**12,847,141**	**13,993,774**	**122.1**	**123.3**

[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, November 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	**49**	**209.6**	**54.52**	**95**	**169.5**	**44.83**	**-**	**-**	**-**	**144**	**183.0**	**48.12**
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	17	236.9	61.78	-	-	-	-	-	-	17	236.9	61.78
New Hampshire	32	194.6	50.53	95	169.5	44.83	-	-	-	126	175.7	46.25
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**97**	**135.2**	**34.86**	**111**	**183.0**	**47.44**	**9**	**135.9**	**33.86**	**199**	**161.9**	**41.94**
New Jersey	3	250.1	63.90	71	207.2	53.75	-	-	-	74	208.9	54.15
New York	30	152.2	40.25	41	141.0	36.51	9	135.9	33.86	61	147.1	38.72
Pennsylvania	64	121.7	31.03	-	-	-	-	-	-	64	121.7	31.03
East North Central	**10,925**	**116.1**	**24.12**	**1,942**	**119.9**	**26.27**	**9,458**	**111.8**	**22.18**	**3,409**	**127.9**	**30.73**
Illinois	747	116.1	22.56	17	127.8	26.89	437	91.3	16.41	326	144.6	31.04
Indiana	3,653	114.9	24.75	727	121.5	25.25	3,018	109.7	22.49	1,363	128.0	30.02
Michigan	2,600	119.7	23.61	364	122.0	25.14	2,553	113.9	21.67	412	148.6	36.99
Ohio	1,931	120.9	29.22	797	116.1	27.41	1,606	125.4	29.15	1,123	111.8	28.04
Wisconsin	1,992	107.5	19.30	37	156.2	32.55	1,843	101.9	17.69	186	154.9	37.89
West North Central	**10,134**	**87.0**	**14.36**	**1,679**	**92.9**	**16.34**	**11,693**	**87.2**	**14.47**	**119**	**133.0**	**31.67**
Iowa	1,452	87.5	15.07	64	106.3	19.77	1,487	86.8	14.92	29	151.6	32.98
Kansas	1,574	101.9	17.43	269	70.7	12.12	1,842	97.3	16.66	-	-	-
Minnesota	1,160	102.8	18.22	431	116.8	20.91	1,586	106.3	18.87	5	181.0	44.24
Missouri	2,552	88.4	15.71	763	87.8	15.36	3,230	86.9	15.24	85	124.5	30.49
Nebraska	1,051	56.4	9.73	111	72.8	12.85	1,162	58.0	10.03	-	-	-
North Dakota	2,197	74.4	9.77	-	-	-	2,197	74.4	9.77	-	-	-
South Dakota	147	131.1	22.38	41	107.2	18.17	188	125.9	21.46	-	-	-
South Atlantic	**7,663**	**163.2**	**40.55**	**3,121**	**154.6**	**36.53**	**4,532**	**161.3**	**38.51**	**6,252**	**160.4**	**40.02**
Delaware	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	1,592	177.9	44.01	435	172.3	43.22	539	182.1	45.52	1,488	174.7	43.23
Georgia	1,469	172.3	42.73	793	160.3	32.19	1,503	166.4	37.17	759	172.7	42.74
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	1,697	178.4	44.14	487	168.2	40.93	1,214	173.0	42.45	969	180.1	44.65
South Carolina	647	159.6	40.85	520	160.8	40.57	210	160.6	40.73	956	160.0	40.73
Virginia	746	161.5	41.06	245	149.4	38.35	191	153.0	39.41	800	159.8	40.62
West Virginia	1,513	123.7	30.37	642	123.2	30.05	874	125.6	30.29	1,280	122.3	30.27
East South Central	**7,334**	**129.0**	**29.12**	**438**	**128.3**	**31.10**	**3,057**	**129.9**	**28.05**	**4,715**	**128.4**	**29.99**
Alabama	2,398	143.0	30.54	4	159.6	38.30	1,186	136.5	27.81	1,216	148.9	33.23
Kentucky	2,185	120.2	27.35	286	126.4	30.34	1,113	127.9	29.11	1,357	115.4	26.54
Mississippi	307	160.7	38.00	31	167.3	41.58	57	162.4	38.12	281	161.2	38.37
Tennessee	2,444	120.1	28.18	118	121.2	29.96	700	119.7	25.95	1,861	120.3	29.13
West South Central	**5,130**	**115.3**	**18.89**	**1,997**	**117.3**	**20.36**	**6,838**	**116.5**	**19.38**	**289**	**101.8**	**17.52**
Arkansas	43	191.8	32.47	1,362	120.9	20.91	1,405	123.1	21.27	-	-	-
Louisiana	778	123.8	19.44	-	-	-	778	123.8	19.44	-	-	-
Oklahoma	1,445	91.1	15.89	426	97.3	16.95	1,859	92.3	16.06	12	115.6	27.24
Texas	2,864	125.1	20.06	209	134.7	23.67	2,797	128.4	20.62	277	100.9	17.08
Mountain	**8,952**	**106.8**	**21.10**	**390**	**88.2**	**18.09**	**7,055**	**102.9**	**19.32**	**2,288**	**113.9**	**26.07**
Arizona	1,723	113.1	23.10	105	106.7	19.58	1,798	112.1	22.71	31	148.0	34.00
Colorado	1,193	96.3	18.85	167	90.8	18.91	1,070	93.3	17.65	289	103.0	23.29
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	524	53.1	8.98	-	-	-	524	53.1	8.98	-	-	-
Nevada	1,130	141.1	32.38	-	-	-	408	137.4	30.22	722	143.1	33.60
New Mexico	1,284	142.9	26.16	-	-	-	1,284	142.9	26.16	-	-	-
Utah	1,176	99.2	22.26	71	80.8	20.58	-	-	-	1,246	98.0	22.16
Wyoming	1,923	75.9	13.28	48	49.2	8.30	1,971	75.3	13.16	-	-	-
Pacific Contiguous	**-**	**-**	**-**	**196**	**131.3**	**22.75**	**196**	**131.3**	**22.75**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	196	131.3	22.75	196	131.3	22.75	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	**50,283**	**120.7**	**24.37**	**9,969**	**128.8**	**26.86**	**42,837**	**113.3**	**21.31**	**17,415**	**139.1**	**33.31**

[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, November 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	**-**	**-**	**-**	**102**	**177.8**	**46.91**	**-**	**-**	**-**
Connecticut	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	17	236.9	61.78	-	-	-
New Hampshire	-	-	-	85	165.9	43.87	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	**-**	**-**	**-**	**27**	**209.4**	**52.35**	**-**	**-**	**-**
New Jersey	-	-	-	25	215.1	53.87	-	-	-
New York	-	-	-	3	152.0	37.45	-	-	-
Pennsylvania	-	-	-	-	-	-	-	-	-
East North Central	**5,835**	**105.9**	**18.90**	**2,131**	**140.6**	**34.00**	**1,061**	**132.0**	**30.55**
Illinois	440	101.6	18.51	68	127.4	26.22	29	173.4	39.04
Indiana	1,327	120.0	21.68	478	144.0	35.10	583	119.2	26.71
Michigan	2,246	102.2	18.51	415	167.5	41.74	166	170.0	43.52
Ohio	-	-	-	1,091	127.5	30.67	186	119.8	27.01
Wisconsin	1,823	101.0	17.47	78	164.8	39.38	97	144.4	35.70
West North Central	**8,716**	**88.5**	**15.37**	**2,765**	**83.0**	**11.94**	**244**	**89.0**	**13.64**
Iowa	1,389	88.2	15.20	110	77.8	13.09	5	171.3	42.65
Kansas	1,818	96.9	16.53	-	-	-	-	-	-
Minnesota	1,003	108.9	19.54	580	100.9	17.55	9	181.0	44.24
Missouri	3,132	86.2	15.08	112	102.5	20.87	21	135.2	32.21
Nebraska	1,162	58.0	10.03	-	-	-	-	-	-
North Dakota	23	84.1	13.41	1,964	74.6	9.71	210	71.2	9.90
South Dakota	188	125.9	21.46	-	-	-	-	-	-
South Atlantic	**506**	**159.1**	**27.88**	**6,102**	**165.6**	**41.02**	**2,727**	**158.8**	**39.97**
Delaware	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-
Florida	-	-	-	689	196.6	49.40	651	168.3	42.23
Georgia	506	159.1	27.88	1,336	170.9	42.27	419	169.8	42.21
Maryland	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	1,805	177.6	43.72	379	169.3	42.04
South Carolina	-	-	-	432	172.9	43.91	670	153.0	39.10
Virginia	-	-	-	583	154.5	39.04	308	162.8	41.62
West Virginia	-	-	-	1,257	127.7	31.17	300	118.4	29.56
East South Central	**1,454**	**122.4**	**21.79**	**2,675**	**143.1**	**34.46**	**1,168**	**137.6**	**33.06**
Alabama	932	126.8	22.34	565	165.6	39.37	529	150.3	36.09
Kentucky	187	120.0	21.69	784	139.5	33.47	171	120.7	28.67
Mississippi	47	192.1	43.85	271	156.4	37.32	21	159.6	39.07
Tennessee	288	94.9	16.53	1,055	130.7	31.82	447	128.0	30.87
West South Central	**6,149**	**115.1**	**19.91**	**61**	**136.1**	**21.04**	**661**	**133.1**	**17.79**
Arkansas	1,405	123.1	21.27	-	-	-	-	-	-
Louisiana	428	117.4	20.55	48	145.4	19.44	301	132.2	17.87
Oklahoma	1,859	92.3	16.06	12	115.6	27.24	-	-	-
Texas	2,457	127.7	21.93	-	-	-	360	133.9	17.72
Mountain	**4,276**	**96.8**	**18.68**	**4,903**	**114.5**	**22.95**	**127**	**83.5**	**20.62**
Arizona	504	126.8	24.94	1,324	107.6	22.12	-	-	-
Colorado	1,202	94.9	18.36	123	101.9	23.17	34	96.2	20.64
Idaho	-	-	-	-	-	-	-	-	-
Montana	30	93.5	12.13	494	51.2	8.79	-	-	-
Nevada	359	144.3	33.20	771	139.6	32.00	-	-	-
New Mexico	-	-	-	1,284	142.9	26.16	-	-	-
Utah	625	97.0	21.07	492	103.1	23.61	93	79.6	20.62
Wyoming	1,555	73.0	12.70	416	83.6	14.90	-	-	-
Pacific Contiguous	**196**	**131.3**	**22.75**	**-**	**-**	**-**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-
Oregon	196	131.3	22.75	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-
U.S. Total	**27,132**	**103.0**	**18.31**	**18,767**	**138.7**	**30.27**	**5,987**	**144.4**	**33.02**

[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, November 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	**32**	**194.6**	**50.53**	**10**	**199.1**	**52.71**	**-**	**-**	**-**	**183.0**	**48.12**
Connecticut	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	236.9	61.78
New Hampshire	32	194.6	50.53	10	199.1	52.71	-	-	-	175.7	46.25
Rhode Island	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**21**	**127.2**	**32.48**	**160**	**157.1**	**40.91**	**-**	**-**	**-**	**160.8**	**41.59**
New Jersey	-	-	-	49	205.9	54.29	-	-	-	208.9	54.15
New York	15	130.3	33.91	53	149.9	39.32	-	-	-	145.8	38.09
Pennsylvania	5	117.9	28.53	59	122.1	31.27	-	-	-	121.7	31.03
East North Central	**477**	**124.7**	**27.85**	**2,038**	**112.0**	**26.47**	**1,325**	**105.6**	**24.27**	**116.7**	**24.45**
Illinois	-	-	-	5	51.4	8.20	222	131.5	27.96	116.4	22.66
Indiana	381	119.8	26.29	1,062	104.0	24.04	550	99.0	22.00	115.9	24.83
Michigan	14	132.8	34.41	124	124.2	31.89	-	-	-	120.0	23.79
Ohio	51	127.3	29.79	847	120.0	28.83	553	102.6	25.05	119.6	28.69
Wisconsin	31	171.7	40.66	-	-	-	-	-	-	108.5	19.54
West North Central	**-**	**-**	**-**	**53**	**137.2**	**31.75**	**35**	**129.2**	**27.19**	**87.8**	**14.64**
Iowa	-	-	-	13	138.6	31.41	-	-	-	88.4	15.27
Kansas	-	-	-	-	-	-	24	125.5	26.35	97.3	16.66
Minnesota	-	-	-	-	-	-	-	-	-	106.6	18.95
Missouri	-	-	-	39	136.7	31.86	10	138.1	29.22	88.2	15.63
Nebraska	-	-	-	-	-	-	-	-	-	58.0	10.03
North Dakota	-	-	-	-	-	-	-	-	-	74.4	9.77
South Dakota	-	-	-	-	-	-	-	-	-	125.9	21.46
South Atlantic	**691**	**132.6**	**32.82**	**304**	**170.8**	**40.52**	**453**	**145.8**	**35.91**	**160.8**	**39.38**
Delaware	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-
Florida	67	164.2	41.04	304	170.8	40.52	315	158.1	38.81	176.7	43.84
Georgia	-	-	-	-	-	-	-	-	-	168.7	39.04
Maryland	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-	176.2	43.43
South Carolina	64	148.0	36.28	-	-	-	-	-	-	160.1	40.73
Virginia	100	168.0	44.46	-	-	-	-	-	-	158.5	40.39
West Virginia	460	117.4	28.61	-	-	-	137	118.0	29.25	123.6	30.28
East South Central	**282**	**135.1**	**32.68**	**925**	**109.0**	**26.67**	**1,268**	**108.7**	**24.30**	**129.0**	**29.23**
Alabama	141	143.7	34.63	21	110.6	25.84	215	119.4	27.16	143.0	30.55
Kentucky	55	141.1	34.43	219	115.5	28.83	1,053	106.5	23.72	121.0	27.70
Mississippi	-	-	-	-	-	-	-	-	-	161.4	38.33
Tennessee	86	117.1	28.34	685	106.8	26.00	-	-	-	120.2	28.26
West South Central	**-**	**-**	**-**	**256**	**81.0**	**8.32**	**-**	**-**	**-**	**115.9**	**19.30**
Arkansas	-	-	-	-	-	-	-	-	-	123.1	21.27
Louisiana	-	-	-	-	-	-	-	-	-	123.8	19.44
Oklahoma	-	-	-	-	-	-	-	-	-	92.5	16.13
Texas	-	-	-	256	81.0	8.32	-	-	-	125.8	20.30
Mountain	**37**	**98.2**	**25.30**	**-**	**-**	**-**	**-**	**-**	**-**	**106.0**	**20.97**
Arizona	-	-	-	-	-	-	-	-	-	112.7	22.90
Colorado	-	-	-	-	-	-	-	-	-	95.6	18.85
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	53.1	8.98
Nevada	-	-	-	-	-	-	-	-	-	141.1	32.38
New Mexico	-	-	-	-	-	-	-	-	-	142.9	26.16
Utah	37	98.2	25.30	-	-	-	-	-	-	98.0	22.16
Wyoming	-	-	-	-	-	-	-	-	-	75.3	13.16
Pacific Contiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**131.3**	**22.75**
California	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	131.3	22.75
Washington	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	**1,539**	**131.2**	**31.43**	**3,746**	**118.0**	**27.18**	**3,081**	**113.5**	**26.03**	**122.1**	**24.78**

[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, November 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	**2**	**14**	**-**	**-**	**-**	**-**	**105**	**674**	**107**	**688**
Connecticut	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-
Massachusetts	*	1	-	-	-	-	-	-	*	1
New Hampshire	2	13	-	-	-	-	105	674	107	687
Rhode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**2**	**13**	**-**	**-**	**-**	**-**	**1,131**	**7,227**	**1,133**	**7,241**
New Jersey	2	11	-	-	-	-	51	328	53	340
New York	-	-	-	-	-	-	1,080	6,899	1,080	6,899
Pennsylvania	*	2	-	-	-	-	-	-	*	2
East North Central	**89**	**516**	**-**	**-**	**-**	**-**	**40**	**256**	**129**	**772**
Illinois	2	9	-	-	-	-	-	-	2	9
Indiana	37	215	-	-	-	-	-	-	37	215
Michigan	8	49	-	-	-	-	40	256	49	305
Ohio	37	214	-	-	-	-	-	-	37	214
Wisconsin	5	29	-	-	-	-	-	-	5	29
West North Central	**36**	**211**	**-**	**-**	**-**	**-**	**45**	**301**	**81**	**512**
Iowa	9	52	-	-	-	-	-	-	9	52
Kansas	15	87	-	-	-	-	45	301	60	388
Minnesota	*	1	-	-	-	-	-	-	*	1
Missouri	7	40	-	-	-	-	-	-	7	40
Nebraska	3	15	-	-	-	-	-	-	3	15
North Dakota	3	15	-	-	-	-	-	-	3	15
South Dakota	-	-	-	-	-	-	-	-	-	-
South Atlantic	**136**	**793**	**-**	**-**	**-**	**-**	**3,812**	**24,448**	**4,047**	**25,791**
Delaware	3	16	-	-	-	-	11	69	14	85
District of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	39	225	-	-	-	-	3,340	21,430	3,477	22,205
Georgia	10	60	-	-	-	-	-	-	10	60
Maryland	-	-	-	-	-	-	-	-	-	-
North Carolina	34	196	-	-	-	-	-	-	34	196
South Carolina	8	49	-	-	-	-	-	-	8	49
Virginia	13	78	-	-	-	-	462	2,950	475	3,028
West Virginia	29	169	-	-	-	-	-	-	29	169
East South Central	**27**	**159**	**-**	**-**	**-**	**-**	**1**	**9**	**28**	**167**
Alabama	6	35	-	-	-	-	-	-	6	35
Kentucky	8	48	-	-	-	-	-	-	8	48
Mississippi	1	8	-	-	-	-	1	9	3	17
Tennessee	11	67	-	-	-	-	-	-	11	67
West South Central	**9**	**54**	**-**	**-**	**-**	**-**	**-**	**-**	**9**	**54**
Arkansas	9	51	-	-	-	-	-	-	9	51
Louisiana	*	0	-	-	-	-	-	-	*	0
Oklahoma	*	2	-	-	-	-	-	-	*	2
Texas	-	-	-	-	-	-	-	-	-	-
Mountain	**33**	**190**	**-**	**-**	**-**	**-**	**-**	**-**	**33**	**190**
Arizona	-	-	-	-	-	-	-	-	-	-
Colorado	1	5	-	-	-	-	-	-	1	5
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	3	17	-	-	-	-	-	-	3	17
Nevada	6	37	-	-	-	-	-	-	6	37
New Mexico	11	63	-	-	-	-	-	-	11	63
Utah	2	12	-	-	-	-	-	-	2	12
Wyoming	10	57	-	-	-	-	-	-	10	57
Pacific Contiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-
U.S. Total	**335**	**1,949**	**-**	**-**	**-**	**-**	**5,136**	**32,916**	**5,570**	**35,414**

[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	November 2002 Receipts		November 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	**107**	**688**	**234**	**1,497**	**4,813**	**6,971**	**367.9**	**359.2**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	*	1	1	8	79	1,001	451.6	494.0
New Hampshire	107	687	232	1,488	4,734	5,970	366.5	336.6
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	**1,133**	**7,241**	**1,126**	**7,202**	**63,524**	**96,316**	**344.2**	**354.9**
New Jersey	53	340	9	59	2,612	405	405.0	454.0
New York	1,080	6,899	1,117	7,143	60,902	91,905	341.6	353.7
Pennsylvania	*	2	-	-	10	4,006	516.9	372.9
East North Central	**129**	**772**	**146**	**893**	**10,073**	**19,713**	**379.5**	**487.9**
Illinois	2	9	6	34	426	1,091	444.4	582.9
Indiana	37	215	19	109	1,030	1,593	545.1	585.5
Michigan	49	305	102	640	6,861	13,353	311.4	433.5
Ohio	37	214	17	99	1,395	3,044	526.0	608.5
Wisconsin	5	29	2	10	361	633	558.9	645.7
West North Central	**81**	**512**	**196**	**1,290**	**6,036**	**11,782**	**340.5**	**393.0**
Iowa	9	52	6	38	481	827	559.4	632.0
Kansas	60	388	173	1,155	4,590	9,680	275.6	339.9
Minnesota	*	1	2	10	140	231	509.6	676.1
Missouri	7	40	9	52	524	716	538.4	626.1
Nebraska	3	15	*	2	56	59	550.4	628.1
North Dakota	3	15	6	33	245	268	559.7	655.6
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	**4,047**	**25,791**	**3,369**	**21,518**	**277,988**	**399,316**	**370.4**	**370.4**
Delaware	14	85	-	-	1,908	2,826	387.7	388.4
District of Columbia	-	-	-	-	-	-	-	-
Florida	3,477	22,205	2,996	19,194	245,737	349,800	367.4	364.8
Georgia	10	60	15	90	988	1,823	536.7	676.0
Maryland	-	-	-	-	-	-	-	-
North Carolina	34	196	47	272	1,679	2,454	499.3	591.6
South Carolina	8	49	10	58	488	749	528.3	596.6
Virginia	475	3,028	274	1,748	25,771	39,646	368.5	371.2
West Virginia	29	169	27	157	1,418	2,018	570.7	679.2
East South Central	**28**	**167**	**27**	**159**	**2,323**	**56,767**	**519.3**	**383.6**
Alabama	6	35	5	31	439	476	509.4	570.1
Kentucky	8	48	14	82	830	786	537.0	586.5
Mississippi	3	17	-	-	190	55,051	427.7	377.4
Tennessee	11	67	8	47	864	453	527.3	590.3
West South Central	**9**	**54**	**202**	**1,310**	**948**	**28,635**	**495.8**	**592.1**
Arkansas	9	51	9	54	367	478	550.2	628.9
Louisiana	*	*	185	1,209	390	14,787	471.9	519.0
Oklahoma	*	2	-	-	62	1,426	483.8	633.0
Texas	-	-	8	47	130	11,944	419.1	676.3
Mountain	**33**	**190**	**25**	**143**	**2,013**	**3,744**	**599.5**	**785.8**
Arizona	-	-	3	17	267	2,737	673.5	820.2
Colorado	1	5	1	5	63	213	676.3	734.5
Idaho	-	-	-	-	-	-	-	-
Montana	3	17	-	-	283	-	575.0	-
Nevada	6	37	2	14	491	55	638.2	585.1
New Mexico	11	63	9	51	235	143	604.6	658.9
Utah	2	12	3	19	196	246	543.8	659.5
Wyoming	10	57	6	36	479	351	543.1	720.5
Pacific Contiguous	**-**	**-**	**16**	**94**	**92**	**4,721**	**573.1**	**615.7**
California	-	-	1	6	4	2,740	591.7	600.9
Oregon	-	-	15	88	88	1,982	572.3	636.2
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**780**	**4,931**	**-**	**64,456**	**-**	**490.3**
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	780	4,931	-	64,456	-	490.3
U.S. Total	**5,570**	**35,414**	**6,121**	**39,036**	**367,810**	**692,421**	**368.2**	**397.2**

[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 November 2002 petroleum coke receipts were 141,320 short tons and the cost was 61.5 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, November 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	**-**	**-**	**-**	**105**	**337.8**	**21.67**	**563.3**	**32.60**	**-**	**-**	**337.8**	**21.67**
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	559.5	32.38	-	-	-	-
New Hampshire	-	-	-	105	337.8	21.67	563.6	32.62	-	-	337.8	21.67
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**1,086**	**370.8**	**23.68**	**46**	**208.3**	**13.29**	**477.8**	**28.02**	**-**	**-**	**364.2**	**23.26**
New Jersey	6	461.4	29.20	46	208.3	13.29	470.5	27.54	-	-	236.1	15.05
New York	1,080	370.3	23.65	-	-	-	-	-	-	-	370.3	23.65
Pennsylvania	-	-	-	-	-	-	517.7	30.66	-	-	-	-
East North Central	**-**	**-**	**-**	**40**	**332.2**	**21.16**	**608.4**	**35.27**	**-**	**-**	**332.2**	**21.16**
Illinois	-	-	-	-	-	-	681.6	39.17	-	-	-	-
Indiana	-	-	-	-	-	-	633.9	36.41	-	-	-	-
Michigan	-	-	-	40	332.2	21.16	607.4	35.19	-	-	332.2	21.16
Ohio	-	-	-	-	-	-	576.2	33.67	-	-	-	-
Wisconsin	-	-	-	-	-	-	637.2	37.47	-	-	-	-
West North Central	**-**	**-**	**-**	**45**	**266.7**	**17.81**	**650.9**	**37.77**	**-**	**-**	**266.7**	**17.81**
Iowa	-	-	-	-	-	-	840.3	49.22	-	-	-	-
Kansas	-	-	-	45	266.7	17.81	576.6	33.37	-	-	266.7	17.81
Minnesota	-	-	-	-	-	-	700.6	40.31	-	-	-	-
Missouri	-	-	-	-	-	-	593.8	34.20	-	-	-	-
Nebraska	-	-	-	-	-	-	602.7	34.94	-	-	-	-
North Dakota	-	-	-	-	-	-	616.9	36.03	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	**1,332**	**389.2**	**25.27**	**2,480**	**406.1**	**25.87**	**569.2**	**33.16**	**-**	**-**	**400.2**	**25.66**
Delaware	-	-	-	11	462.5	29.37	552.8	32.04	-	-	462.5	29.37
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	1,332	389.2	25.27	2,007	411.0	26.17	573.7	33.38	-	-	402.2	25.81
Georgia	-	-	-	-	-	-	528.2	30.72	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	564.9	32.80	-	-	-	-
South Carolina	-	-	-	-	-	-	564.0	32.78	-	-	-	-
Virginia	-	-	-	462	383.6	24.49	529.7	31.04	-	-	383.6	24.49
West Virginia	-	-	-	-	-	-	604.2	35.34	-	-	-	-
East South Central	**-**	**-**	**-**	**1**	**204.9**	**13.42**	**695.3**	**40.73**	**-**	**-**	**204.9**	**13.42**
Alabama	-	-	-	-	-	-	621.7	36.04	-	-	-	-
Kentucky	-	-	-	-	-	-	644.5	37.86	-	-	-	-
Mississippi	-	-	-	1	204.9	13.42	528.2	31.13	-	-	204.9	13.42
Tennessee	-	-	-	-	-	-	790.6	46.45	-	-	-	-
West South Central	**-**	**-**	**-**	**-**	**-**	**-**	**556.8**	**32.85**	**-**	**-**	**-**	**-**
Arkansas	-	-	-	-	-	-	553.0	32.65	-	-	-	-
Louisiana	-	-	-	-	-	-	536.3	31.67	-	-	-	-
Oklahoma	-	-	-	-	-	-	653.3	37.73	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-	-	-	-
Mountain	**-**	**-**	**-**	**-**	**-**	**-**	**616.8**	**35.69**	**-**	**-**	**-**	**-**
Arizona	-	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	898.1	46.15	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	694.8	41.14	-	-	-	-
Nevada	-	-	-	-	-	-	583.2	34.07	-	-	-	-
New Mexico	-	-	-	-	-	-	552.9	31.58	-	-	-	-
Utah	-	-	-	-	-	-	709.0	41.69	-	-	-	-
Wyoming	-	-	-	-	-	-	644.1	37.56	-	-	-	-
Pacific Contiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	**2,418**	**381.0**	**24.56**	**2,718**	**396.5**	**25.29**	**602.3**	**35.03**	**-**	**-**	**389.2**	**24.94**

[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 40. Receipts and Average Cost of Heavy Oil Delivered to Electric Utilities by Sulfur Content, Census Division, and State, November 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	-	-	-	-	-	-	**1,131**	**364.2**	**23.26**
New Jersey	-	-	-	-	-	-	51	236.1	15.05
New York	-	-	-	-	-	-	1,080	370.3	23.65
Pennsylvania	-	-	-	-	-	-	-	-	-
East North Central	**9**	**277.0**	**16.35**	-	-	-	-	-	-
Illinois	-	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-	-
Michigan	9	277.0	16.35	-	-	-	-	-	-
Ohio	-	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-
West North Central	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-
Minnesota	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-
South Atlantic	-	-	-	-	-	-	**2,810**	**402.7**	**25.70**
Delaware	-	-	-	-	-	-	11	462.5	29.37
District of Columbia	-	-	-	-	-	-	-	-	-
Florida	-	-	-	-	-	-	2,337	406.2	25.93
Georgia	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	462	383.6	24.49
West Virginia	-	-	-	-	-	-	-	-	-
East South Central	-	-	-	-	-	-	-	-	-
Alabama	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-	-
West South Central	-	-	-	-	-	-	-	-	-
Arkansas	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-
Mountain	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-
Pacific Contiguous	-	-	-	-	-	-	-	-	-
California	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-
U.S. Total	**9**	**277.0**	**16.35**	-	-	-	**3,941**	**391.6**	**25.00**

[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, November 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	**105**	**337.8**	**21.67**	**-**	**-**	**-**	**-**	**-**	**-**	**337.8**	**21.67**
Connecticut	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	105	337.8	21.67	-	-	-	-	-	-	337.8	21.67
Rhode Island	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**364.2**	**23.26**
New Jersey	-	-	-	-	-	-	-	-	-	236.1	15.05
New York	-	-	-	-	-	-	-	-	-	370.3	23.65
Pennsylvania	-	-	-	-	-	-	-	-	-	-	-
East North Central	**31**	**347.0**	**22.59**	**-**	**-**	**-**	**-**	**-**	**-**	**332.2**	**21.16**
Illinois	-	-	-	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-	-	-	-
Michigan	31	347.0	22.59	-	-	-	-	-	-	332.2	21.16
Ohio	-	-	-	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-	-	-
West North Central	**45**	**266.7**	**17.81**	**-**	**-**	**-**	**-**	**-**	**-**	**266.7**	**17.81**
Iowa	-	-	-	-	-	-	-	-	-	-	-
Kansas	45	266.7	17.81	-	-	-	-	-	-	266.7	17.81
Minnesota	-	-	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	**889**	**402.9**	**26.08**	**114**	**320.2**	**21.30**	**-**	**-**	**-**	**400.2**	**25.66**
Delaware	-	-	-	-	-	-	-	-	-	462.5	29.37
District of Columbia	-	-	-	-	-	-	-	-	-	-	-
Florida	889	402.9	26.08	114	320.2	21.30	-	-	-	402.2	25.81
Georgia	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	-	-	-	383.6	24.49
West Virginia	-	-	-	-	-	-	-	-	-	-	-
East South Central	**-**	**-**	**-**	**1**	**204.9**	**13.42**	**-**	**-**	**-**	**204.9**	**13.42**
Alabama	-	-	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	1	204.9	13.42	-	-	-	204.9	13.42
Tennessee	-	-	-	-	-	-	-	-	-	-	-
West South Central	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Arkansas	-	-	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-	-	-
Mountain	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Arizona	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-
Pacific Contiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
California	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alaska	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	**1,070**	**389.0**	**25.20**	**115**	**318.9**	**21.21**	**-**	**-**	**-**	**389.2**	**24.94**

[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, November 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	**532**	**545**	**-**	**-**	**-**	**-**	**532**	**545**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	528	541	-	-	-	-	528	541
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-
Vermont	4	4	-	-	-	-	4	4
Middle Atlantic	**3,184**	**3,276**	**-**	**-**	**-**	**-**	**3,184**	**3,276**
New Jersey	-	-	-	-	-	-	-	-
New York	3,184	3,276	-	-	-	-	3,184	3,276
Pennsylvania	-	-	-	-	-	-	-	-
East North Central	**680**	**690**	**323**	**2,234**	**-**	**-**	**1,003**	**2,924**
Illinois	50	51	-	-	-	-	50	51
Indiana	29	30	-	-	-	-	29	30
Michigan	460	468	323	2,234	-	-	783	2,702
Ohio	18	18	-	-	-	-	18	18
Wisconsin	123	124	-	-	-	-	123	124
West North Central	**1,465**	**1,484**	**-**	**-**	**-**	**-**	**1,465**	**1,484**
Iowa	199	199	-	-	-	-	199	199
Kansas	515	523	-	-	-	-	515	523
Minnesota	140	140	-	-	-	-	140	140
Missouri	455	465	-	-	-	-	455	465
Nebraska	156	156	-	-	-	-	156	156
North Dakota	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	**24,445**	**25,239**	**-**	**-**	**24**	**24**	**24,468**	**25,263**
Delaware	2	2	-	-	-	-	2	2
District of Columbia	-	-	-	-	-	-	-	-
Florida	24,067	24,851	-	-	-	-	24,067	24,851
Georgia	55	56	-	-	-	-	55	56
Maryland	-	-	-	-	-	-	-	-
North Carolina	1	1	-	-	-	-	1	1
South Carolina	3	3	-	-	-	-	3	3
Virginia	308	317	-	-	24	24	332	341
West Virginia	8	8	-	-	-	-	8	8
East South Central	**8,954**	**9,270**	**-**	**-**	**-**	**-**	**8,954**	**9,270**
Alabama	4,651	4,837	-	-	-	-	4,651	4,837
Kentucky	72	74	-	-	-	-	72	74
Mississippi	4,232	4,360	-	-	-	-	4,232	4,360
Tennessee	-	-	-	-	-	-	-	-
West South Central	**33,126**	**34,057**	**-**	**-**	**-**	**-**	**33,126**	**34,057**
Arkansas	485	497	-	-	-	-	485	497
Louisiana	11,939	12,348	-	-	-	-	11,939	12,348
Oklahoma	5,746	5,940	-	-	-	-	5,746	5,940
Texas	14,955	15,273	-	-	-	-	14,955	15,273
Mountain	**13,334**	**13,546**	**-**	**-**	**-**	**-**	**13,334**	**13,546**
Arizona	2,600	2,640	-	-	-	-	2,600	2,640
Colorado	3,900	3,880	-	-	-	-	3,900	3,880
Idaho	-	-	-	-	-	-	-	-
Montana	*	*	-	-	-	-	*	*
Nevada	4,948	5,118	-	-	-	-	4,948	5,118
New Mexico	1,752	1,766	-	-	-	-	1,752	1,766
Utah	115	121	-	-	-	-	115	121
Wyoming	19	20	-	-	-	-	19	20
Pacific Contiguous	**7,664**	**7,754**	**-**	**-**	**-**	**-**	**7,664**	**7,754**
California	6,203	6,263	-	-	-	-	6,203	6,263
Oregon	1,462	1,491	-	-	-	-	1,462	1,491
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**1,622**	**1,622**	**-**	**-**	**-**	**-**	**1,622**	**1,622**
Alaska	1,622	1,622	-	-	-	-	1,622	1,622
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**95,005**	**97,484**	**323**	**2,234**	**24**	**24**	**95,352**	**99,742**

[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	November 2002 Receipts		November 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	**532**	**545**	**300**	**308**	**4,967**	**5,457**	**384.7**	**340.2**
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	528	541	300	308	4,042	4,826	389.7	348.5
New Hampshire	-	-	-	-	909	532	362.1	238.7
Rhode Island	-	-	-	-	-	-	-	-
Vermont	4	4	-	-	17	100	383.7	477.6
Middle Atlantic	**3,184**	**3,276**	**8,204**	**8,368**	**74,403**	**84,632**	**374.8**	**415.4**
New Jersey	-	-	104	104	-	209	-	302.5
New York	3,184	3,276	8,100	8,264	74,403	84,298	374.8	415.0
Pennsylvania	-	-	-	-	-	125	-	851.4
East North Central	**1,003**	**2,924**	**2,897**	**2,559**	**25,646**	**29,419**	**334.9**	**405.1**
Illinois	50	51	568	584	3,596	3,389	340.6	384.6
Indiana	29	30	48	49	445	1,418	377.5	511.5
Michigan	783	2,702	2,079	1,723	18,552	21,172	325.0	382.7
Ohio	18	18	20	21	220	421	502.9	810.0
Wisconsin	123	124	182	183	2,833	3,019	373.0	478.8
West North Central	**1,465**	**1,484**	**1,020**	**1,030**	**32,201**	**27,131**	**332.9**	**405.7**
Iowa	199	199	166	166	3,198	2,679	379.4	487.1
Kansas	515	523	528	535	14,197	17,133	306.3	361.7
Minnesota	140	140	93	94	2,714	1,399	383.9	526.9
Missouri	455	465	178	181	10,684	5,048	336.0	473.2
Nebraska	156	156	54	54	1,408	871	373.5	434.1
North Dakota	-	-	-	-	0	1	247.9	687.5
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	**24,468**	**25,263**	**21,451**	**22,208**	**370,725**	**254,827**	**398.7**	**467.3**
Delaware	2	2	-	-	258	205	352.3	440.7
District of Columbia	-	-	-	-	-	-	-	-
Florida	24,067	24,851	21,406	22,163	355,666	243,297	396.5	469.6
Georgia	55	56	-	-	348	1,257	301.1	327.6
Maryland	-	-	-	-	-	-	-	-
North Carolina	1	1	9	9	2,510	706	419.4	433.3
South Carolina	3	3	3	3	38	818	501.6	255.9
Virginia	332	341	-	-	11,735	8,380	463.4	439.9
West Virginia	8	8	33	33	169	164	431.0	678.3
East South Central	**8,954**	**9,270**	**6,251**	**6,383**	**169,565**	**80,069**	**331.1**	**381.4**
Alabama	4,651	4,837	111	114	65,437	12,408	336.5	524.5
Kentucky	72	74	10	10	796	246	418.8	507.5
Mississippi	4,232	4,360	6,131	6,260	103,332	67,416	327.1	354.6
Tennessee	-	-	-	-	-	-	-	-
West South Central	**33,126**	**34,057**	**54,803**	**56,296**	**637,799**	**1,269,941**	**341.1**	**429.0**
Arkansas	485	497	1,186	1,211	17,521	20,696	352.3	432.4
Louisiana	11,939	12,348	11,492	11,859	239,505	222,575	348.4	420.1
Oklahoma	5,746	5,940	8,426	8,653	149,822	142,100	343.6	456.5
Texas	14,955	15,273	33,699	34,573	230,951	884,570	331.1	426.8
Mountain	**13,334**	**13,546**	**10,533**	**10,751**	**158,525**	**191,266**	**377.9**	**525.1**
Arizona	2,600	2,640	3,013	3,069	40,937	62,773	315.6	470.8
Colorado	3,900	3,880	2,730	2,741	37,714	37,205	255.4	384.9
Idaho	-	-	-	-	-	-	-	-
Montana	*	*	1	1	14	11	426.0	676.7
Nevada	4,948	5,118	2,236	2,327	48,579	43,046	549.1	830.6
New Mexico	1,752	1,766	2,277	2,323	25,542	36,139	316.4	421.1
Utah	115	121	277	291	5,527	11,667	455.2	463.6
Wyoming	19	20	-	-	213	425	391.7	381.8
Pacific Contiguous	**7,664**	**7,754**	**4,227**	**4,309**	**87,347**	**125,497**	**385.7**	**750.8**
California	6,203	6,263	1,104	1,123	75,725	83,340	399.6	940.9
Oregon	1,462	1,491	3,124	3,186	11,623	42,157	294.9	374.8
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**1,622**	**1,622**	**1,515**	**1,515**	**17,063**	**15,650**	**232.8**	**233.0**
Alaska	1,622	1,622	1,515	1,515	17,063	15,650	232.8	233.0
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	**95,352**	**99,742**	**111,201**	**113,728**	**1,578,243**	**2,083,889**	**360.0**	**457.2**

[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, November 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	**-**	**-**	**-**	**452**	**464.1**	**4.76**	**80**	**444.2**	**4.56**	**532**	**461.1**	**4.73**
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	452	464.1	4.76	76	442.2	4.54	528	461.0	4.73
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	4	483.6	4.86	4	483.6	4.86
Middle Atlantic	**-**	**-**	**-**	**685**	**467.9**	**4.83**	**2,498**	**511.6**	**5.26**	**3,184**	**502.2**	**5.17**
New Jersey	-	-	-	-	-	-	-	-	-	-	-	-
New York	-	-	-	685	467.9	4.83	2,498	511.6	5.26	3,184	502.2	5.17
Pennsylvania	-	-	-	-	-	-	-	-	-	-	-	-
East North Central	**92**	**472.3**	**4.75**	**527**	**157.6**	**7.30**	**384**	**867.8**	**8.85**	**1,003**	**262.6**	**7.66**
Illinois	-	-	-	50	483.0	5.00	-	-	-	50	483.0	5.00
Indiana	-	-	-	29	494.0	4.96	-	-	-	29	494.0	4.96
Michigan	85	474.0	4.76	325	128.1	8.80	372	873.4	8.91	783	243.8	8.41
Ohio	7	451.0	4.62	-	-	-	11	690.5	7.07	18	597.7	6.12
Wisconsin	-	-	-	122	477.1	4.80	1	590.9	5.91	123	477.6	4.81
West North Central	**420**	**431.4**	**4.39**	**776**	**437.3**	**4.43**	**270**	**463.6**	**4.64**	**1,465**	**440.4**	**4.46**
Iowa	26	475.3	4.80	71	498.8	5.00	102	533.4	5.33	199	513.5	5.15
Kansas	-	-	-	408	413.1	4.20	108	404.3	4.05	515	411.3	4.17
Minnesota	2	592.2	5.98	120	501.6	5.03	18	357.1	3.57	140	484.9	4.86
Missouri	289	399.4	4.09	124	469.4	4.81	42	490.6	4.93	455	426.8	4.36
Nebraska	103	509.1	5.09	54	323.8	3.24	-	-	-	156	445.5	4.45
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	**19,708**	**454.4**	**4.71**	**1,010**	**433.1**	**4.52**	**3,751**	**515.8**	**5.21**	**24,468**	**462.7**	**4.78**
Delaware	2	409.5	4.23	-	-	-	-	-	-	2	409.5	4.23
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	19,705	454.4	4.71	943	440.6	4.60	3,419	483.8	4.88	24,067	457.9	4.73
Georgia	-	-	-	55	229.0	2.35	-	-	-	55	229.0	2.35
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	1	585.8	6.07	-	-	-	1	585.8	6.07
South Carolina	-	-	-	3	480.4	4.94	-	-	-	3	480.4	4.94
Virginia	-	-	-	-	-	-	332	840.1	8.62	332	840.1	8.62
West Virginia	-	-	-	8	902.7	9.03	-	-	-	8	902.7	9.03
East South Central	**1,014**	**415.4**	**4.29**	**3,931**	**454.7**	**4.73**	**4,009**	**418.6**	**4.31**	**8,954**	**434.2**	**4.50**
Alabama	696	420.6	4.34	3,931	454.7	4.73	24	384.0	3.97	4,651	449.3	4.67
Kentucky	-	-	-	-	-	-	72	479.0	4.91	72	479.0	4.91
Mississippi	319	404.3	4.19	-	-	-	3,913	417.7	4.30	4,232	416.7	4.29
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
West South Central	**4,016**	**473.1**	**4.88**	**1,819**	**421.1**	**4.30**	**27,290**	**428.6**	**4.41**	**33,126**	**433.6**	**4.46**
Arkansas	-	-	-	-	-	-	485	416.7	4.26	485	416.7	4.26
Louisiana	128	424.9	4.46	1,369	438.0	4.49	10,442	444.7	4.60	11,939	443.7	4.59
Oklahoma	2,567	506.2	5.25	16	459.6	4.61	3,164	452.7	4.67	5,746	476.7	4.93
Texas	1,321	412.4	4.20	435	365.6	3.69	13,199	410.3	4.19	14,955	409.2	4.18
Mountain	**6,409**	**413.7**	**4.17**	**2,019**	**389.1**	**3.94**	**4,907**	**403.2**	**4.14**	**13,334**	**406.1**	**4.13**
Arizona	842	404.2	4.11	1,202	390.0	3.95	556	374.6	3.82	2,600	391.3	3.97
Colorado	3,741	315.5	3.14	159	367.6	3.65	-	-	-	3,900	317.6	3.16
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	0	500.8	5.21	-	-	-	0	500.8	5.21
Nevada	1,715	621.8	6.42	-	-	-	3,234	403.8	4.18	4,948	479.3	4.96
New Mexico	92	435.6	4.40	658	392.4	3.98	1,002	424.0	4.25	1,752	412.6	4.16
Utah	-	-	-	-	-	-	115	345.5	3.63	115	345.5	3.63
Wyoming	19	556.3	5.84	-	-	-	-	-	-	19	556.3	5.84
Pacific Contiguous	**2,206**	**469.6**	**4.70**	**105**	**352.2**	**3.60**	**5,353**	**381.6**	**3.88**	**7,664**	**406.2**	**4.11**
California	2,206	469.6	4.70	105	352.2	3.60	3,891	395.6	4.02	6,203	420.9	4.25
Oregon	-	-	-	-	-	-	1,462	344.4	3.51	1,462	344.4	3.51
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	**1,622**	**202.4**	**2.02**	**-**	**-**	**-**	**-**	**-**	**-**	**1,622**	**202.4**	**2.02**
Alaska	1,622	202.4	2.02	-	-	-	-	-	-	1,622	202.4	2.02
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	**35,487**	**437.7**	**4.49**	**11,324**	**384.2**	**4.60**	**48,542**	**434.7**	**4.46**	**95,352**	**428.9**	**4.49**

[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 December 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
December	108,977	87,655	78,446	8,494	283,573
Total	**1,266,930**	**1,121,845**	**972,912**	**109,472**	**3,471,159**
Year to Date					
2002	**1,266,930**	**1,121,845**	**972,912**	**109,472**	**3,471,159**
2001	**1,200,992**	**1,085,036**	**994,083**	**116,652**	**3,396,764**
2000	**1,192,446**	**1,055,232**	**1,064,239**	**109,496**	**3,421,414**

[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, December 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	**4,375**	**3,832**	**4,252**	**4,158**	**1,923**	**2,085**	**155**	**141**	**10,706**	**10,216**
Connecticut	1,268	1,152	1,052	1,095	399	440	54	54	2,774	2,741
Maine [2]	399	366	337	325	295	423	5	5	1,035	1,118
Massachusetts	1,807	1,565	2,048	1,973	792	806	63	61	4,711	4,405
New Hampshire	441	332	372	342	190	164	20	11	1,023	849
Rhode Island	254	236	277	264	107	114	8	7	647	620
Vermont	207	181	166	160	139	138	4	4	516	483
Mid Atlantic	**11,459**	**9,669**	**11,918**	**10,956**	**6,670**	**6,563**	**1,345**	**1,271**	**31,392**	**28,459**
New Jersey	2,616	1,953	2,980	2,674	921	951	54	51	6,571	5,629
New York	4,016	3,640	5,272	4,937	2,002	1,933	1,165	1,107	12,454	11,617
Pennsylvania	4,828	4,076	3,666	3,345	3,747	3,679	126	113	12,367	11,213
East North Central	**16,823**	**14,935**	**13,333**	**12,661**	**16,166**	**15,906**	**1,335**	**1,305**	**47,657**	**44,808**
Illinois	3,999	3,747	3,553	3,375	2,992	3,088	801	763	11,345	10,973
Indiana	2,918	2,526	1,781	1,686	3,925	3,567	61	63	8,685	7,842
Michigan	3,051	2,739	3,133	2,999	2,697	2,608	84	81	8,965	8,428
Ohio	4,811	4,079	3,252	3,093	4,479	4,604	327	337	12,868	12,114
Wisconsin	2,044	1,845	1,614	1,508	2,073	2,039	63	60	5,793	5,451
West North Central	**8,389**	**7,531**	**6,466**	**6,342**	**6,148**	**6,138**	**490**	**498**	**21,493**	**20,508**
Iowa	1,119	1,069	693	692	1,334	1,277	122	122	3,268	3,160
Kansas	965	882	1,067	938	788	769	NM	49	2,865	2,637
Minnesota	1,823	1,726	1,620	1,596	1,799	1,721	59	57	5,301	5,100
Missouri	2,990	2,476	1,938	1,994	1,253	1,404	101	96	6,282	5,971
Nebraska	766	714	577	590	617	623	NM	108	2,061	2,035
North Dakota	384	354	322	294	NM	210	NM	35	961	892
South Dakota	340	311	250	238	136	134	NM	30	755	713
South Atlantic	**27,612**	**21,723**	**18,909**	**19,066**	**13,657**	**12,325**	**1,951**	**1,798**	**62,129**	**54,912**
Delaware	357	266	299	273	299	305	5	5	960	849
District of Columbia	169	121	672	701	23	25	29	33	894	880
Florida	8,148	7,111	6,017	6,053	1,566	1,390	471	463	16,202	15,018
Georgia	4,150	3,181	3,008	2,927	2,588	2,505	138	129	9,884	8,742
Maryland [3]	2,623	2,000	1,363	2,097	1,797	850	74	80	5,857	5,027
North Carolina	4,572	3,342	3,105	2,852	2,407	2,356	171	162	10,256	8,713
South Carolina	2,391	1,704	1,404	1,310	2,526	2,418	72	72	6,393	5,503
Virginia	4,102	3,114	2,412	2,303	1,510	1,578	983	846	9,007	7,841
West Virginia	1,101	882	629	550	939	898	7	7	2,677	2,338
East South Central	**10,086**	**7,812**	**5,695**	**5,448**	**10,280**	**9,916**	**491**	**491**	**26,551**	**23,668**
Alabama	2,662	1,989	1,489	1,458	2,646	2,349	59	54	6,856	5,850
Kentucky	2,484	1,938	1,183	1,112	3,859	3,860	268	270	7,794	7,180
Mississippi	1,347	1,147	893	853	1,260	1,216	58	63	3,558	3,279
Tennessee	3,593	2,738	2,130	2,025	2,514	2,492	105	105	8,342	7,359
West South Central	**11,987**	**12,034**	**8,367**	**9,607**	**12,291**	**12,242**	**1,310**	**1,557**	**33,955**	**35,440**
Arkansas	1,202	1,058	700	658	1,350	1,316	43	55	3,295	3,087
Louisiana	1,946	1,740	1,432	1,352	2,457	2,361	198	206	6,033	5,659
Oklahoma	1,555	1,452	961	1,009	1,075	983	305	175	3,897	3,618
Texas [4]	7,284	7,784	5,273	6,588	7,408	7,582	765	1,122	20,730	23,075
Mountain	**6,352**	**6,427**	**6,143**	**5,958**	**5,189**	**5,211**	**633**	**612**	**18,317**	**18,208**
Arizona	1,830	1,908	1,663	1,650	926	944	250	230	4,669	4,732
Colorado	1,388	1,345	1,529	1,548	824	871	98	96	3,839	3,860
Idaho	735	797	446	447	486	483	NM	28	1,693	1,755
Montana	430	373	371	330	284	238	NM	20	1,104	960
Nevada	690	715	NM	519	926	906	39	40	2,286	2,181
New Mexico	458	441	528	549	440	417	131	127	1,557	1,534
Utah	599	635	713	662	673	682	62	58	2,047	2,037
Wyoming	221	214	262	252	629	669	NM	14	1,120	1,149
Pacific Contiguous	**11,470**	**11,821**	**NM**	**10,853**	**5,736**	**6,973**	**NM**	**1,243**	**30,083**	**30,890**
California [5]	6,418	6,699	NM	7,484	3,727	4,908	NM	806	19,216	19,898
Oregon	1,820	1,833	1,282	1,238	926	878	NM	39	4,066	3,987
Washington	3,231	3,289	2,146	2,132	NM	1,187	341	398	6,801	7,005
Pacific Noncontiguous	**426**	**437**	**451**	**456**	**386**	**396**	**NM**	**24**	**1,290**	**1,312**
Alaska	189	207	199	208	85	99	NM	19	496	533
Hawaii	237	230	252	248	301	296	4	5	794	779
U.S. Total	**108,977**	**96,222**	**87,655**	**85,505**	**78,446**	**77,756**	**8,494**	**8,939**	**283,573**	**268,423**

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

[2] Decline in industrial sales in Maine is partly attributed to some large industrial customers generating their own electricity (self generators).

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

[4] Residential and commercial in Texas have been adjusted by approximately 3 million kwh in December to account for over-reporting from a major REP in prior months. The year-to-date numbers will remain unchanged.

[5] 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, December 2002

(Percent)

Census Division and State	Residential	Commercial	Industrial	Other[1]	All Sectors
New England	**0.2**	**0.2**	**1.5**	**1.3**	**0.3**
Connecticut	0.1	0.2	0.6	1.4	0.2
Maine	0.1	0.1	0.5	0.9	0.2
Massachusetts	0.3	0.3	2.7	1.0	0.4
New Hampshire	0.5	0.8	3.6	2.1	0.8
Rhode Island	0.1	0.0	0.5	0.1	0.1
Vermont	0.6	0.5	1.6	2.2	0.6
Mid Atlantic	**0.1**	**0.1**	**3.3**	**6.8**	**0.8**
New Jersey	0.1	0.1	0.6	0.1	0.1
New York	0.1	0.1	8.2	6.3	1.4
Pennsylvania	0.1	0.1	0.2	0.2	0.1
East North Central	**0.4**	**0.5**	**1.0**	**0.6**	**0.7**
Illinois	0.5	0.2	1.2	0.2	1.0
Indiana	0.9	0.3	1.8	2.6	1.6
Michigan	0.4	1.1	1.2	4.1	0.3
Ohio	0.6	0.2	1.7	0.4	1.2
Wisconsin	0.6	1.3	2.5	3.1	0.5
West North Central	**0.6**	**0.9**	**2.6**	**9.4**	**0.8**
Iowa	1.3	3.9	4.6	8.3	1.3
Kansas	0.9	1.5	1.3	NM	0.7
Minnesota	1.1	2.0	2.4	8.9	0.7
Missouri	1.0	0.3	7.9	2.8	2.5
Nebraska	1.5	1.3	4.3	NM	1.0
North Dakota	1.5	1.0	NM	NM	1.6
South Dakota	2.1	1.3	7.0	NM	1.3
South Atlantic	**1.0**	**0.7**	**0.8**	**1.1**	**0.7**
Delaware	0.2	0.4	1.2	0.6	0.3
District of Columbia	-	-	-	-	-
Florida	1.3	0.9	2.5	1.7	1.1
Georgia	1.8	0.8	1.2	4.1	1.0
Maryland	0.3	0.6	0.4	1.2	0.4
North Carolina	1.1	0.6	0.7	1.9	0.7
South Carolina	1.4	0.5	0.6	1.5	0.7
Virginia	0.7	0.4	0.7	0.4	0.4
West Virginia	0.1	0.1	0.1	0.7	0.2
East South Central	**0.6**	**0.5**	**1.6**	**1.3**	**1.1**
Alabama	1.2	0.7	3.5	5.9	1.4
Kentucky	1.2	0.5	2.1	0.5	2.0
Mississippi	1.7	2.2	0.9	8.7	0.8
Tennessee	0.9	0.5	3.7	1.2	2.4
West South Central	**1.4**	**2.9**	**0.7**	**5.2**	**0.7**
Arkansas	1.3	1.9	2.2	6.5	1.1
Louisiana	1.6	2.0	0.2	2.1	0.5
Oklahoma	1.2	1.7	1.0	1.0	0.6
Texas	1.5	3.2	0.5	6.8	0.8
Mountain	**1.0**	**2.7**	**0.5**	**7.9**	**0.7**
Arizona	1.0	0.5	0.7	8.9	0.8
Colorado	2.3	1.0	1.2	7.9	1.4
Idaho	0.6	0.4	1.5	NM	2.0
Montana	1.5	0.7	2.2	NM	0.8
Nevada	0.7	NM	0.2	8.3	1.0
New Mexico	2.9	1.8	2.0	8.9	2.3
Utah	2.2	1.1	0.4	4.6	1.1
Wyoming	1.3	0.9	1.4	NM	0.5
Pacific Contiguous	**0.6**	**NM**	**3.9**	**NM**	**2.0**
California	0.7	NM	1.4	NM	1.7
Oregon	1.0	0.6	6.7	NM	3.9
Washington	1.1	0.8	NM	6.3	5.7
Pacific Noncontiguous	**0.4**	**0.3**	**0.4**	**NM**	**0.3**
Alaska	0.8	0.8	1.6	NM	0.8
Hawaii	-	-	-	-	-
U.S. Average	**0.4**	**1.9**	**0.8**	**3.2**	**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 (December) 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	**44,186**	**42,396**	**49,862**	**49,055**	**23,925**	**25,953**	**1,627**	**1,526**	**119,601**	**118,929**
Connecticut	12,479	11,978	12,622	12,448	5,353	5,556	571	565	31,025	30,547
Maine [2]	4,031	3,914	3,802	3,815	3,562	4,752	57	57	11,452	12,539
Massachusetts	18,720	17,983	24,122	23,710	9,853	10,179	724	656	53,419	52,529
New Hampshire	4,044	3,786	4,044	3,911	2,244	2,477	143	132	10,474	10,307
Rhode Island	2,830	2,700	3,316	3,240	1,327	1,384	85	67	7,558	7,391
Vermont	2,082	2,034	1,957	1,930	1,586	1,604	47	47	5,673	5,616
Mid Atlantic	**123,804**	**116,009**	**141,593**	**136,485**	**83,409**	**84,865**	**15,385**	**15,758**	**364,190**	**353,117**
New Jersey	27,243	25,376	35,551	34,440	11,395	12,502	512	509	74,702	72,827
New York	46,540	43,979	62,015	60,765	24,944	24,680	13,475	13,663	146,973	143,087
Pennsylvania	50,020	46,654	44,027	41,280	47,070	47,683	1,398	1,586	142,515	137,203
East North Central	**183,291**	**170,648**	**162,941**	**159,047**	**207,501**	**210,909**	**16,176**	**16,859**	**569,909**	**557,463**
Illinois	44,834	41,694	44,032	43,436	38,637	41,566	9,695	10,326	137,199	137,022
Indiana	31,193	29,165	21,546	21,353	47,851	46,518	639	945	101,229	97,980
Michigan	34,452	31,802	37,734	36,197	35,651	35,160	895	880	108,733	104,038
Ohio	50,995	47,447	40,667	39,576	59,030	61,443	4,185	3,979	154,877	152,445
Wisconsin	21,817	20,540	18,962	18,485	26,331	26,223	762	729	67,872	65,977
West North Central	**94,495**	**89,641**	**81,772**	**81,040**	**75,725**	**74,548**	**6,749**	**6,765**	**258,740**	**251,993**
Iowa	13,129	12,507	8,593	8,419	16,821	16,745	1,540	1,544	40,082	39,214
Kansas	12,796	12,092	13,394	12,899	9,827	10,072	606	609	36,623	35,672
Minnesota	20,564	19,394	19,180	19,938	21,919	20,568	697	729	62,359	60,629
Missouri	31,643	29,979	26,775	26,102	15,456	15,884	1,154	1,121	75,027	73,086
Nebraska	8,914	8,577	7,376	7,292	7,521	7,328	1,841	1,821	25,651	25,018
North Dakota	3,711	3,527	3,448	3,402	2,539	2,368	451	462	10,149	9,759
South Dakota	3,739	3,565	3,007	2,988	1,641	1,583	461	479	8,848	8,615
South Atlantic	**313,926**	**293,369**	**245,551**	**244,110**	**167,262**	**159,324**	**22,882**	**22,189**	**749,620**	**718,992**
Delaware	3,974	3,767	3,724	3,646	4,097	4,017	57	61	11,851	11,490
District of Columbia	1,800	1,699	8,645	8,537	284	282	411	362	11,140	10,880
Florida	107,756	100,836	77,357	74,756	19,067	18,307	5,849	5,656	210,028	199,556
Georgia	47,927	44,003	39,192	38,590	34,406	33,418	1,677	1,651	123,201	117,662
Maryland [3]	25,864	24,518	21,929	26,226	15,531	10,241	943	915	64,267	61,901
North Carolina	49,401	46,315	39,434	38,326	31,533	31,433	2,222	2,182	122,590	118,256
South Carolina	26,655	25,026	18,251	18,041	31,820	31,109	933	939	77,660	75,114
Virginia	40,141	37,277	29,977	29,168	19,607	19,517	10,714	10,348	100,439	96,310
West Virginia	10,409	9,929	7,042	6,820	10,917	11,000	76	75	28,443	27,824
East South Central	**112,271**	**105,943**	**73,448**	**71,166**	**125,887**	**118,983**	**6,000**	**5,911**	**317,606**	**302,004**
Alabama	30,177	27,840	19,791	19,140	34,083	32,549	696	682	84,746	80,211
Kentucky	25,052	23,678	14,577	14,267	43,766	38,864	3,359	3,303	86,755	80,112
Mississippi	17,840	16,991	12,009	11,446	15,033	15,377	828	825	45,709	44,640
Tennessee	39,202	37,434	27,072	26,313	33,005	32,193	1,117	1,102	100,396	97,041
West South Central	**185,184**	**178,432**	**133,651**	**127,875**	**147,460**	**157,628**	**18,714**	**21,165**	**485,010**	**485,100**
Arkansas	15,516	15,056	8,977	8,990	16,827	16,952	725	743	42,045	41,740
Louisiana	28,225	26,673	18,940	18,203	29,720	29,846	2,809	2,750	79,694	77,472
Oklahoma	20,077	19,813	13,135	13,458	13,206	13,500	3,568	2,938	49,987	49,708
Texas [4]	121,366	116,890	92,599	87,225	87,707	97,330	11,611	14,734	313,284	316,179
Mountain	**76,937**	**75,055**	**78,030**	**75,354**	**62,018**	**64,377**	**10,072**	**10,027**	**227,056**	**224,812**
Arizona	26,427	26,231	22,324	22,120	10,896	11,535	3,960	3,871	63,608	63,757
Colorado	15,394	14,542	18,698	18,265	10,387	10,483	1,477	1,444	45,955	44,734
Idaho	6,927	6,857	7,018	6,519	6,238	7,222	332	328	20,515	20,926
Montana	4,061	3,909	3,942	3,878	3,403	3,291	304	322	11,711	11,399
Nevada	9,686	9,581	7,706	6,624	11,430	11,380	601	581	29,423	28,166
New Mexico	5,262	5,055	6,965	6,839	5,138	5,287	2,215	2,234	19,580	19,416
Utah	6,960	6,733	8,356	8,199	7,011	7,384	1,008	1,035	23,335	23,351
Wyoming	2,220	2,147	3,020	2,910	7,515	7,795	174	211	12,929	13,064
Pacific Contiguous	**128,133**	**124,944**	**149,703**	**135,633**	**74,943**	**92,767**	**11,600**	**16,197**	**364,379**	**369,540**
California [5]	78,672	75,848	111,086	97,148	49,544	63,830	7,256	11,846	246,558	248,672
Oregon	17,395	17,398	14,670	14,747	10,787	12,118	459	440	43,312	44,703
Washington	32,066	31,698	23,946	23,738	14,611	16,819	3,886	3,911	74,510	76,166
Pacific Noncontiguous	**4,704**	**4,557**	**5,294**	**5,272**	**4,783**	**4,730**	**268**	**255**	**15,048**	**14,813**
Alaska	1,925	1,891	2,220	2,256	1,143	1,093	215	202	5,503	5,443
Hawaii	2,779	2,665	3,074	3,016	3,639	3,637	53	53	9,544	9,370
U.S. Total	**1,266,930**	**1,200,992**	**1,121,845**	**1,085,036**	**972,912**	**994,083**	**109,472**	**116,652**	**3,471,159**	**3,396,764**

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

[2] Decline in industrial sales in Maine is partly attributed to some large industrial customers generating their own electricity (self generators).

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

[4] Residential and commercial Revenues in Texas have been adjusted by approximately 3 million kwh in December to account for over-reporting from a major REP in prior months. The year-to-date numbers will remain unchanged.

[5] 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 December 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
December	8,823	6,805	3,693	573	19,894
Total	**106,823**	**88,977**	**47,098**	**7,228**	**250,126**
Year to Date					
2002	**106,823**	**88,977**	**47,098**	**7,228**	**250,126**
2001	**102,972**	**85,816**	**50,423**	**7,519**	**246,730**
2000	**98,209**	**78,405**	**49,369**	**7,179**	**233,163**

[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, December 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	**485**	**445**	**405**	**420**	**152**	**160**	**21**	**18**	**1,064**	**1,043**
Connecticut	134	124	97	103	31	33	5	5	266	265
Maine [4]	53	47	35	48	12	18	1	1	101	114
Massachusetts	195	185	194	193	70	72	10	8	469	458
New Hampshire	51	40	37	34	19	16	2	1	110	92
Rhode Island	26	27	23	25	8	9	2	2	60	62
Vermont	26	23	18	18	12	12	1	1	57	53
Mid Atlantic	**1,229**	**1,047**	**1,174**	**1,073**	**379**	**378**	**116**	**80**	**2,898**	**2,579**
New Jersey	259	191	256	245	66	76	9	5	590	517
New York	526	478	614	559	96	92	93	62	1,329	1,191
Pennsylvania	443	378	304	269	217	210	14	12	978	870
East North Central	**1,269**	**1,145**	**956**	**886**	**754**	**726**	**79**	**73**	**3,059**	**2,830**
Illinois	298	297	282	229	159	135	44	37	784	698
Indiana	189	171	104	102	152	148	5	5	450	426
Michigan	258	219	224	224	141	137	8	8	631	589
Ohio	354	311	240	236	208	218	17	18	820	783
Wisconsin	170	147	105	94	94	88	5	4	374	334
West North Central	**562**	**509**	**351**	**351**	**248**	**255**	**29**	**29**	**1,190**	**1,144**
Iowa	88	83	42	42	47	47	7	7	184	178
Kansas	69	62	62	54	36	35	NM	4	171	155
Minnesota	129	121	89	88	74	80	4	4	297	293
Missouri	182	157	94	105	54	59	6	6	336	327
Nebraska	46	43	31	31	23	22	NM	6	105	101
North Dakota	23	21	18	16	8	7	NM	1	50	45
South Dakota	24	22	15	15	6	5	NM	1	47	43
South Atlantic	**2,033**	**1,701**	**1,200**	**1,215**	**559**	**519**	**125**	**117**	**3,916**	**3,551**
Delaware	28	22	20	18	12	13	1	1	61	55
District of Columbia	13	9	43	43	1	1	2	2	59	54
Florida	651	609	400	418	81	75	36	36	1,168	1,138
Georgia	273	230	186	189	98	102	11	11	568	532
Maryland [3]	179	141	91	116	66	31	7	6	343	293
North Carolina	356	271	198	184	110	110	12	11	676	576
South Carolina	177	133	90	83	94	89	5	5	367	310
Virginia	288	230	137	134	61	64	51	44	538	473
West Virginia	67	55	34	30	36	34	1	1	137	120
East South Central	**632**	**507**	**358**	**341**	**365**	**364**	**31**	**32**	**1,387**	**1,243**
Alabama	178	140	99	96	95	89	4	4	377	329
Kentucky	132	106	61	58	111	109	12	13	316	285
Mississippi	94	81	61	57	53	52	6	6	214	196
Tennessee	228	180	137	130	106	115	10	9	481	433
West South Central	**908**	**919**	**568**	**677**	**542**	**550**	**86**	**106**	**2,105**	**2,252**
Arkansas	82	79	38	39	53	55	3	4	175	177
Louisiana	142	113	102	83	115	87	15	12	373	294
Oklahoma	96	87	53	50	42	33	14	8	205	177
Texas [2]	588	640	376	506	333	375	55	82	1,353	1,603
Mountain	**474**	**481**	**395**	**384**	**244**	**235**	**35**	**33**	**1,149**	**1,133**
Arizona	138	140	114	115	45	45	NM	10	308	310
Colorado	99	104	83	84	36	31	7	7	226	226
Idaho	48	53	27	26	21	21	NM	1	98	101
Montana	31	26	22	20	12	11	NM	2	67	58
Nevada	65	66	NM	47	61	59	NM	3	187	174
New Mexico	39	38	40	42	20	21	NM	8	107	109
Utah	39	41	36	36	25	24	3	2	103	103
Wyoming	15	14	15	13	23	23	NM	1	53	51
Pacific Contiguous	**1,170**	**1,175**	**NM**	**1,147**	**409**	**513**	**NM**	**83**	**2,966**	**2,918**
California [5]	831	825	NM	929	307	414	NM	63	2,278	2,231
Oregon	133	136	88	85	46	48	4	4	270	272
Washington	207	214	137	133	56	51	18	16	418	415
Pacific Noncontiguous	**61**	**59**	**57**	**56**	**41**	**40**	**NM**	**3**	**161**	**158**
Alaska	22	25	19	21	6	8	NM	2	50	57
Hawaii	39	34	37	35	35	32	1	1	111	101
U.S. Total	**8,823**	**7,989**	**6,805**	**6,550**	**3,693**	**3,740**	**573**	**574**	**19,894**	**18,852**

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

[2] Residential and commercial revenues in Texas have been adjusted in December to account for over reporting from a major REP in prior months. The year-to-date revenues will remain unchanged.

[3] A major utility in Maryland reclassified consumers from commercial to industrial in July 2002; hence, a decline in commercial revenues and a corresponding increase in industrial revnues.

[4] Revenue decline in the industrial sector in Maine is due to lower sales caused by self-generation by several large industrial customers.

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

(Percent)

Census Division and State	Residential	Commercial	Industrial	Other[1]	All Sectors
New England	**0.1**	**0.1**	**4.6**	**0.8**	**0.2**
Connecticut	0.1	0.1	1.9	0.8	0.1
Maine	0.1	0.1	1.7	0.6	0.1
Massachusetts	0.2	0.1	7.5	0.5	0.3
New Hampshire	0.4	0.3	6.6	1.2	0.6
Rhode Island	0.1	0.0	1.5	0.1	0.1
Vermont	0.6	0.2	5.2	1.1	0.5
Mid Atlantic	**0.1**	**0.0**	**2.0**	**4.4**	**0.5**
New Jersey	0.1	0.0	1.8	0.1	0.1
New York	0.1	0.1	6.6	4.5	0.9
Pennsylvania	0.1	0.0	0.5	0.1	0.1
East North Central	**0.2**	**0.2**	**0.3**	**0.3**	**0.2**
Illinois	0.2	0.1	0.4	0.1	0.3
Indiana	0.3	0.2	0.5	1.2	0.4
Michigan	0.3	0.4	0.5	2.4	0.2
Ohio	0.2	0.1	0.5	0.7	0.3
Wisconsin	0.5	0.5	0.6	1.5	0.4
West North Central	**0.4**	**0.4**	**1.0**	**6.6**	**0.4**
Iowa	1.1	1.4	1.7	5.1	0.9
Kansas	0.7	1.0	1.0	NM	0.6
Minnesota	1.0	0.7	1.1	5.5	0.5
Missouri	0.4	0.3	3.6	1.2	0.8
Nebraska	1.3	1.3	3.4	NM	1.2
North Dakota	1.5	1.2	5.7	NM	1.7
South Dakota	1.8	1.2	2.4	NM	1.5
South Atlantic	**1.4**	**0.9**	**0.8**	**1.2**	**1.2**
Delaware	0.2	0.2	5.7	0.3	0.3
District of Columbia	-	-	-	-	-
Florida	1.6	1.1	2.1	1.7	1.5
Georgia	3.1	1.2	1.2	3.9	2.0
Maryland	0.4	0.2	2.0	0.6	0.5
North Carolina	1.7	1.1	0.8	1.9	1.4
South Carolina	2.0	0.9	0.6	1.8	1.4
Virginia	1.1	0.7	0.8	0.4	0.9
West Virginia	0.1	0.0	0.1	0.7	0.1
East South Central	**0.6**	**0.4**	**0.9**	**1.3**	**0.5**
Alabama	1.8	1.0	3.1	4.3	1.7
Kentucky	0.5	0.4	0.6	0.3	0.5
Mississippi	1.0	1.0	0.7	5.2	0.7
Tennessee	0.3	0.3	1.0	0.6	0.6
West South Central	**0.8**	**1.4**	**0.5**	**3.6**	**0.6**
Arkansas	0.8	1.2	1.6	6.3	0.8
Louisiana	0.9	0.9	0.2	1.5	0.4
Oklahoma	0.9	1.1	0.7	1.6	0.6
Texas	0.9	1.5	0.4	4.1	0.7
Mountain	**0.5**	**7.0**	**0.7**	**9.0**	**0.8**
Arizona	0.7	0.5	1.3	8.7	0.8
Colorado	1.1	1.1	2.0	NM	1.3
Idaho	0.7	0.5	0.6	9.9	0.8
Montana	1.2	0.7	1.4	NM	0.9
Nevada	0.5	NM	0.7	4.3	2.8
New Mexico	1.3	1.5	2.8	NM	1.8
Utah	0.9	1.2	0.8	7.4	1.2
Wyoming	1.1	0.8	0.8	NM	0.7
Pacific Contiguous	**0.4**	**NM**	**2.9**	**NM**	**3.1**
California	0.6	NM	3.2	NM	3.7
Oregon	0.9	0.7	2.1	7.0	1.1
Washington	0.9	0.8	4.4	3.9	1.9
Pacific Noncontiguous	**0.4**	**0.3**	**0.4**	**NM**	**0.4**
Alaska	1.2	1.0	2.9	NM	1.3
Hawaii	-	-	-	-	-
U.S. Average	**0.4**	**6.8**	**0.6**	**2.7**	**0.6**

[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 (December) 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	**4,931**	**5,080**	**4,877**	**5,083**	**1,784**	**2,098**	**219**	**191**	**11,811**	**12,452**
Connecticut	1,367	1,306	1,173	1,152	413	425	55	52	3,008	2,936
Maine [4]	504	505	401	481	136	262	13	12	1,054	1,260
Massachusetts	2,032	2,213	2,402	2,489	806	927	106	87	5,346	5,716
New Hampshire	474	474	403	412	201	227	17	18	1,095	1,131
Rhode Island	288	327	279	335	103	130	21	14	692	806
Vermont	266	255	217	214	126	127	8	7	616	604
Mid Atlantic	**13,929**	**13,185**	**14,382**	**14,081**	**4,835**	**4,968**	**1,288**	**971**	**34,433**	**33,205**
New Jersey	2,843	2,612	3,215	3,162	858	1,025	79	56	6,994	6,855
New York	6,282	6,132	7,511	7,521	1,230	1,242	1,050	764	16,074	15,659
Pennsylvania	4,803	4,440	3,656	3,398	2,747	2,701	159	152	11,365	10,691
East North Central	**14,729**	**13,886**	**12,187**	**11,491**	**9,699**	**9,681**	**989**	**1,000**	**37,603**	**36,057**
Illinois	3,763	3,636	3,673	3,206	2,151	1,978	543	561	10,129	9,381
Indiana [2]	2,140	2,020	1,298	1,248	1,895	1,860	60	59	5,392	5,188
Michigan	2,914	2,669	2,843	2,754	1,742	1,817	99	96	7,599	7,336
Ohio	4,141	3,937	3,135	3,109	2,754	2,886	227	229	10,257	10,161
Wisconsin	1,771	1,623	1,238	1,175	1,157	1,138	60	56	4,226	3,992
West North Central	**6,970**	**6,603**	**4,927**	**4,889**	**3,221**	**3,257**	**416**	**401**	**15,534**	**15,150**
Iowa	1,095	1,046	569	565	680	700	97	96	2,441	2,407
Kansas	979	927	837	799	454	463	46	45	2,315	2,233
Minnesota	1,541	1,475	1,132	1,194	923	942	55	56	3,651	3,666
Missouri	2,232	2,102	1,580	1,540	698	719	70	68	4,580	4,429
Nebraska	601	557	414	398	290	272	109	99	1,414	1,326
North Dakota	241	230	207	199	101	92	19	18	568	539
South Dakota	282	267	189	194	76	70	19	19	566	550
South Atlantic	**24,821**	**23,606**	**15,971**	**16,060**	**7,113**	**6,973**	**1,488**	**1,434**	**49,393**	**48,073**
Delaware	344	323	273	252	174	178	9	9	800	763
District of Columbia	151	134	628	616	14	13	25	20	818	784
Florida	8,798	8,627	5,156	5,252	1,002	983	456	444	15,412	15,306
Georgia	3,681	3,456	2,539	2,577	1,367	1,454	144	143	7,731	7,629
Maryland [3]	1,998	1,884	1,487	1,664	610	425	87	74	4,182	4,048
North Carolina	4,036	3,769	2,567	2,472	1,491	1,491	150	145	8,245	7,877
South Carolina	2,067	1,937	1,189	1,165	1,230	1,205	62	60	4,548	4,367
Virginia	3,097	2,854	1,751	1,691	810	812	546	532	6,204	5,889
West Virginia	650	620	380	371	415	411	8	8	1,453	1,410
East South Central	**7,365**	**6,900**	**4,651**	**4,447**	**4,758**	**4,552**	**379**	**370**	**17,153**	**16,269**
Alabama	2,141	1,963	1,318	1,255	1,316	1,264	50	48	4,825	4,531
Kentucky	1,403	1,308	772	736	1,372	1,200	154	152	3,701	3,396
Mississippi	1,309	1,251	821	796	664	685	75	74	2,868	2,807
Tennessee	2,512	2,378	1,741	1,659	1,406	1,403	99	96	5,759	5,536
West South Central	**14,401**	**14,963**	**8,890**	**9,578**	**6,699**	**8,086**	**1,261**	**1,534**	**31,251**	**34,162**
Arkansas	1,136	1,159	536	556	703	757	50	52	2,424	2,524
Louisiana	2,052	2,117	1,280	1,383	1,317	1,645	184	210	4,833	5,355
Oklahoma	1,352	1,417	760	847	506	569	185	164	2,803	2,997
Texas [2]	9,860	10,271	6,315	6,792	4,173	5,115	843	1,109	21,191	23,286
Mountain	**6,051**	**5,855**	**5,181**	**4,928**	**3,066**	**3,079**	**490**	**483**	**14,789**	**14,345**
Arizona	2,185	2,179	1,631	1,640	576	612	151	147	4,543	4,578
Colorado	1,124	1,087	1,062	1,044	458	464	96	96	2,739	2,691
Idaho	469	419	406	339	287	263	18	16	1,180	1,036
Montana	294	266	236	219	138	185	24	23	692	693
Nevada	907	866	703	561	834	740	37	35	2,481	2,202
New Mexico	454	442	512	513	240	283	114	114	1,320	1,352
Utah	464	452	459	456	265	264	41	43	1,229	1,215
Wyoming	154	143	173	157	268	268	9	10	604	578
Pacific Contiguous	**12,967**	**12,240**	**17,259**	**14,591**	**5,446**	**7,235**	**663**	**1,099**	**36,336**	**35,165**
California [5]	9,597	9,221	14,736	12,419	4,291	5,823	427	895	29,051	28,358
Oregon	1,289	1,132	1,009	827	535	537	43	36	2,876	2,531
Washington	2,081	1,888	1,515	1,345	621	876	193	169	4,409	4,277
Pacific Noncontiguous	**660**	**655**	**651**	**668**	**477**	**494**	**35**	**34**	**1,823**	**1,851**
Alaska	233	229	226	231	88	84	28	27	575	572
Hawaii	426	425	426	437	389	410	7	7	1,248	1,279
U.S. Total	**106,823**	**102,972**	**88,977**	**85,816**	**47,098**	**50,423**	**7,228**	**7,519**	**250,126**	**246,730**

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

[2] Residential and commercial revenues in Texas have been adjusted in December to account for over reporting from a major REP in prior months. The year-to-date revenues will remain unchanged.

[3] A major utility in Maryland reclassified consumers from commercial to industrial in July 2002; hence, a decline in commercial revenues and a corresponding increase in industrial revnues.

[4] Revenue decline in the industrial sector in Maine is due to lower sales caused by self-generation by several large industrial customers.

[5] 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 52. U.S. Electric Utility Average Revenue per Kilowatthour by Sector, 1990 Through December 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
December	8.10	7.76	4.71	6.74	7.02
Average	**8.43**	**7.93**	**4.84**	**6.60**	**7.21**
Year to Date Average					
2002	**8.43**	**7.93**	**4.84**	**6.60**	**7.21**
2001	**8.57**	**7.91**	**5.07**	**6.45**	**7.26**
2000	**8.24**	**7.43**	**4.64**	**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, December 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	**11.1**	**11.6**	**9.5**	**10.1**	**7.9**	**7.7**	**13.7**	**13.0**	**9.9**	**10.2**
Connecticut	10.6	10.8	9.2	9.4	7.8	7.6	9.0	9.2	9.6	9.7
Maine [2]	13.2	12.8	10.5	14.8	4.0	4.3	22.6	22.4	9.8	10.2
Massachusetts [2]	10.8	11.8	9.5	9.8	8.8	8.9	16.4	13.8	10.0	10.4
New Hampshire	11.6	12.0	10.0	10.0	10.0	9.8	10.7	12.5	10.7	10.8
Rhode Island [2]	10.4	11.4	8.5	9.4	7.8	7.7	24.6	27.3	9.3	10.0
Vermont	12.7	12.5	11.1	11.1	8.5	8.4	17.3	16.3	11.1	10.9
Mid Atlantic	**10.7**	**10.8**	**9.9**	**9.8**	**5.7**	**5.8**	**8.6**	**6.3**	**9.2**	**9.1**
New Jersey	9.9	9.8	8.6	9.2	7.2	8.0	16.1	10.2	9.0	9.2
New York	13.1	13.1	11.7	11.3	NM	4.8	8.0	5.6	10.7	10.3
Pennsylvania	9.2	9.3	8.3	8.1	5.8	5.7	10.9	11.0	7.9	7.8
East North Central	**7.6**	**7.7**	**7.2**	**7.0**	**4.7**	**4.6**	**5.9**	**5.6**	**6.4**	**6.3**
Illinois	7.5	7.9	8.0	6.8	5.3	4.4	5.5	4.9	6.9	6.4
Indiana [3]	6.5	6.8	5.8	6.0	3.9	4.1	8.3	8.3	5.2	5.4
Michigan	8.5	8.0	7.2	7.5	5.2	5.3	9.6	9.7	7.0	7.0
Ohio	7.4	7.6	7.4	7.6	4.7	4.7	5.4	5.4	6.4	6.5
Wisconsin	8.3	8.0	6.5	6.3	4.5	4.3	7.7	7.5	6.5	6.1
West North Central	**6.7**	**6.8**	**5.4**	**5.5**	**4.0**	**4.2**	**5.9**	**5.7**	**5.5**	**5.6**
Iowa	7.8	7.7	6.1	6.0	3.5	3.7	5.9	5.8	5.6	5.6
Kansas	7.1	7.1	5.9	5.8	4.6	4.5	NM	7.3	6.0	5.9
Minnesota	7.1	7.0	5.5	5.5	4.1	4.7	7.1	7.1	5.6	5.8
Missouri	6.1	6.4	4.8	5.3	4.3	4.2	5.8	5.8	5.3	5.5
Nebraska	6.1	6.0	5.3	5.3	3.7	3.5	NM	5.3	5.1	5.0
North Dakota	6.0	5.9	5.5	5.4	NM	3.2	4.0	3.8	5.2	5.0
South Dakota	7.2	7.0	6.1	6.2	4.6	4.1	NM	4.1	6.2	6.1
South Atlantic	**7.4**	**7.8**	**6.3**	**6.4**	**4.1**	**4.2**	**6.4**	**6.5**	**6.3**	**6.5**
Delaware	8.0	8.4	6.7	6.7	4.0	4.4	15.8	15.0	6.4	6.5
District of Columbia	7.5	7.3	6.4	6.1	4.3	4.0	6.4	6.0	6.6	6.2
Florida	8.0	8.6	6.7	6.9	5.2	5.4	7.7	7.8	7.2	7.6
Georgia	6.6	7.2	6.2	6.4	3.8	4.1	8.0	8.7	5.8	6.1
Maryland	6.8	7.0	6.7	5.5	3.7	3.6	9.0	7.3	5.9	5.8
North Carolina	7.8	8.1	6.4	6.5	4.6	4.7	6.8	7.0	6.6	6.6
South Carolina	7.4	7.8	6.4	6.3	3.7	3.7	6.8	6.7	5.7	5.6
Virginia	7.0	7.4	5.7	5.8	4.1	4.1	5.2	5.3	6.0	6.0
West Virginia	6.1	6.2	5.3	5.5	3.8	3.8	9.5	9.4	5.1	5.1
East South Central	**6.3**	**6.5**	**6.3**	**6.3**	**3.6**	**3.7**	**6.4**	**6.5**	**5.2**	**5.3**
Alabama	6.7	7.0	6.7	6.6	3.6	3.8	7.0	7.6	5.5	5.6
Kentucky	5.3	5.5	5.2	5.2	2.9	2.8	4.5	4.9	4.1	4.0
Mississippi	7.0	7.1	6.8	6.7	4.3	4.3	NM	8.9	6.0	6.0
Tennessee	6.4	6.6	6.4	6.4	4.2	4.6	9.1	8.7	5.8	5.9
West South Central	**7.6**	**7.6**	**6.8**	**7.1**	**4.4**	**4.5**	**6.6**	**6.8**	**6.2**	**6.4**
Arkansas	6.8	7.5	5.4	5.9	3.9	4.2	NM	6.6	5.3	5.7
Louisiana	7.3	6.5	7.1	6.1	4.7	3.7	7.4	5.8	6.2	5.2
Oklahoma	6.2	6.0	5.5	4.9	3.9	3.4	4.8	4.5	5.3	4.9
Texas	8.1	8.2	7.1	7.7	4.5	5.0	7.1	7.4	6.5	7.0
Mountain	**7.5**	**7.5**	**6.4**	**6.4**	**4.7**	**4.5**	**5.6**	**5.5**	**6.3**	**6.2**
Arizona	7.5	7.3	6.9	7.0	4.9	4.8	4.6	4.4	6.6	6.6
Colorado	7.2	7.8	5.4	5.4	4.4	3.6	NM	7.4	5.9	5.9
Idaho	6.6	6.6	6.0	5.9	4.4	4.4	NM	5.1	5.8	5.8
Montana	7.2	6.9	5.9	6.2	4.3	4.6	NM	7.7	6.1	6.1
Nevada	9.5	9.2	NM	9.0	6.6	6.5	7.0	6.4	8.2	8.0
New Mexico	8.5	8.6	7.5	7.7	4.6	5.1	NM	6.0	6.9	7.1
Utah	6.5	6.4	5.1	5.5	3.8	3.5	4.2	4.3	5.1	5.1
Wyoming	6.7	6.4	5.6	5.3	3.6	3.5	NM	4.9	4.7	4.5
Pacific Contiguous	**10.2**	**9.9**	**NM**	**10.6**	**7.1**	**7.4**	**6.1**	**6.7**	**9.9**	**9.5**
California	13.0	12.3	NM	12.4	8.2	8.4	NM	7.8	11.9	11.2
Oregon	7.3	7.4	6.9	6.9	5.0	5.5	10.1	9.0	6.7	6.8
Washington	6.4	6.5	6.4	6.2	NM	4.3	5.4	4.1	6.2	5.9
Pacific Noncontiguous	**14.2**	**13.5**	**12.5**	**12.3**	**10.6**	**10.1**	**11.4**	**12.7**	**12.5**	**12.1**
Alaska	11.6	12.0	9.7	10.3	7.2	8.4	10.9	12.6	10.0	10.7
Hawaii	16.3	14.9	14.8	14.0	11.5	10.7	14.1	13.1	14.0	13.0
U.S. Average	**8.10**	**8.30**	**7.76**	**7.66**	**4.71**	**4.81**	**6.74**	**6.42**	**7.02**	**7.02**

[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 (cent/KWH).

[3] 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, December 2002

(Percent)

Census Division and State	Residential	Commercial	Industrial	Other[1]	All Sectors
New England	**0.2**	**0.2**	**5.9**	**0.8**	**0.3**
Connecticut	0.1	0.2	2.5	0.9	0.2
Maine	0.1	0.1	2.1	0.4	0.1
Massachusetts	0.3	0.3	9.9	0.8	0.4
New Hampshire	0.5	0.7	9.8	2.5	0.8
Rhode Island	0.1	0.1	2.0	0.1	0.1
Vermont	0.8	0.5	6.7	1.7	0.8
Mid Atlantic	**0.1**	**0.1**	**4.4**	**8.7**	**0.6**
New Jersey	0.1	0.1	2.3	0.1	0.1
New York	0.1	0.1	NM	8.7	0.9
Pennsylvania	0.2	0.1	0.7	0.1	0.1
East North Central	**0.4**	**0.4**	**1.0**	**0.6**	**0.5**
Illinois	0.6	0.2	0.9	0.3	0.8
Indiana	1.0	0.4	1.7	3.1	1.4
Michigan	0.3	1.0	1.6	1.9	0.3
Ohio	0.7	0.3	1.6	1.1	1.0
Wisconsin	0.4	1.0	2.7	2.4	0.4
West North Central	**0.6**	**1.0**	**2.6**	**4.1**	**0.7**
Iowa	1.0	3.2	5.8	3.6	1.0
Kansas	1.3	2.1	1.2	NM	0.8
Minnesota	0.9	2.0	3.2	4.9	0.7
Missouri	1.3	0.5	4.9	2.9	2.1
Nebraska	2.2	2.2	7.1	NM	1.3
North Dakota	2.5	2.0	NM	7.8	1.6
South Dakota	3.1	2.2	6.8	NM	1.5
South Atlantic	**2.2**	**1.2**	**1.1**	**1.7**	**1.6**
Delaware	0.3	0.5	6.7	0.5	0.5
District of Columbia	-	-	-	-	-
Florida	2.6	1.5	3.0	2.5	2.2
Georgia	4.5	1.6	1.7	5.2	2.7
Maryland	0.6	0.7	2.3	1.1	0.7
North Carolina	2.6	1.3	1.1	2.9	1.8
South Carolina	3.1	1.1	0.9	2.5	1.8
Virginia	1.7	0.8	1.2	0.6	1.2
West Virginia	0.2	0.1	0.2	1.3	0.2
East South Central	**1.0**	**0.6**	**1.8**	**2.3**	**1.2**
Alabama	2.7	1.3	4.5	6.2	2.4
Kentucky	1.5	0.7	2.2	0.6	2.1
Mississippi	1.9	2.2	1.0	NM	1.0
Tennessee	1.0	0.6	3.3	1.5	2.0
West South Central	**1.6**	**3.1**	**0.6**	**7.5**	**0.9**
Arkansas	1.6	2.4	2.0	NM	1.1
Louisiana	1.7	1.8	0.2	2.3	0.6
Oklahoma	1.6	2.2	1.0	2.3	0.9
Texas	1.7	3.3	0.6	9.0	1.0
Mountain	**1.4**	**9.6**	**1.0**	**8.0**	**1.2**
Arizona	1.6	0.8	1.8	5.8	1.3
Colorado	3.1	1.8	2.9	NM	2.3
Idaho	1.0	0.6	1.9	NM	2.4
Montana	2.2	1.2	3.1	NM	0.9
Nevada	0.5	NM	0.8	4.6	3.7
New Mexico	3.8	2.6	4.2	NM	3.3
Utah	2.7	2.0	1.1	7.8	2.0
Wyoming	1.9	1.5	2.0	NM	0.7
Pacific Contiguous	**0.5**	**NM**	**4.1**	**6.5**	**4.0**
California	0.5	NM	4.3	NM	5.1
Oregon	1.3	0.8	6.7	7.0	3.6
Washington	1.4	0.9	NM	5.7	4.5
Pacific Noncontiguous	**0.6**	**0.5**	**0.6**	**7.2**	**0.6**
Alaska	1.8	1.3	3.9	9.0	1.9
Hawaii	-	-	-	-	-
U.S. Average	**0.6**	**8.6**	**1.0**	**3.0**	**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 (December) 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**	**7.5**	**8.1**	**13.5**	**12.5**	**9.9**	**10.5**
Connecticut	11.0	10.9	9.3	9.3	7.7	7.6	9.6	9.3	9.7	9.6
Maine [2]	12.5	12.9	10.6	12.6	3.8	5.5	22.6	21.7	9.2	10.1
Massachusetts [2]	10.9	12.3	10.0	10.5	8.2	9.1	14.7	13.2	10.0	10.9
New Hampshire	11.7	12.5	10.0	10.5	8.9	9.2	11.7	13.7	10.5	11.0
Rhode Island [2]	10.2	12.1	8.4	10.3	7.8	9.4	24.4	21.3	9.2	10.9
Vermont	12.8	12.5	11.1	11.1	7.9	7.9	16.4	14.8	10.9	10.8
Mid Atlantic	**11.3**	**11.4**	**10.2**	**10.3**	**5.8**	**5.9**	**8.4**	**6.2**	**9.5**	**9.4**
New Jersey	10.4	10.3	9.0	9.2	7.5	8.2	15.4	11.0	9.4	9.4
New York	13.5	13.9	12.1	12.4	4.9	5.0	7.8	5.6	10.9	10.9
Pennsylvania	9.6	9.5	8.3	8.2	5.8	5.7	11.4	9.6	8.0	7.8
East North Central	**8.0**	**8.1**	**7.5**	**7.2**	**4.7**	**4.6**	**6.1**	**5.9**	**6.6**	**6.5**
Illinois	8.4	8.7	8.3	7.4	5.6	4.8	5.6	5.4	7.4	6.8
Indiana [3]	6.9	6.9	6.0	5.8	4.0	4.0	9.4	6.3	5.3	5.3
Michigan	8.5	8.4	7.5	7.6	4.9	5.2	11.1	10.9	7.0	7.1
Ohio	8.1	8.3	7.7	7.9	4.7	4.7	5.4	5.7	6.6	6.7
Wisconsin	8.1	7.9	6.5	6.4	4.4	4.3	7.9	7.7	6.2	6.1
West North Central	**7.4**	**7.4**	**6.0**	**6.0**	**4.3**	**4.4**	**6.2**	**5.9**	**6.0**	**6.0**
Iowa	8.3	8.4	6.6	6.7	4.0	4.2	6.3	6.2	6.1	6.1
Kansas	7.6	7.7	6.2	6.2	4.6	4.6	7.7	7.4	6.3	6.3
Minnesota	7.5	7.6	5.9	6.0	4.2	4.6	7.9	7.6	5.9	6.0
Missouri	7.1	7.0	5.9	5.9	4.5	4.5	6.1	6.1	6.1	6.1
Nebraska	6.7	6.5	5.6	5.5	3.9	3.7	5.9	5.4	5.5	5.3
North Dakota	6.5	6.5	6.0	5.9	4.0	3.9	4.2	4.0	5.6	5.5
South Dakota	7.5	7.5	6.3	6.5	4.6	4.4	4.2	3.9	6.4	6.4
South Atlantic	**7.9**	**8.0**	**6.5**	**6.6**	**4.3**	**4.4**	**6.5**	**6.5**	**6.6**	**6.7**
Delaware	8.6	8.6	7.3	6.9	4.2	4.4	16.5	14.2	6.8	6.6
District of Columbia	8.4	7.9	7.3	7.2	4.9	4.8	6.2	5.5	7.3	7.2
Florida	8.2	8.6	6.7	7.0	5.3	5.4	7.8	7.8	7.3	7.7
Georgia	7.7	7.9	6.5	6.7	4.0	4.3	8.6	8.6	6.3	6.5
Maryland	7.7	7.7	6.8	6.3	3.9	4.1	9.2	8.1	6.5	6.5
North Carolina	8.2	8.1	6.5	6.4	4.7	4.7	6.8	6.7	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	7.7	7.7	5.8	5.8	4.1	4.2	5.1	5.1	6.2	6.1
West Virginia	6.2	6.2	5.4	5.4	3.8	3.7	10.6	10.4	5.1	5.1
East South Central	**6.6**	**6.5**	**6.3**	**6.2**	**3.8**	**3.8**	**6.3**	**6.3**	**5.4**	**5.4**
Alabama	7.1	7.1	6.7	6.6	3.9	3.9	7.2	7.1	5.7	5.6
Kentucky	5.6	5.5	5.3	5.2	3.1	3.1	4.6	4.6	4.3	4.2
Mississippi	7.3	7.4	6.8	7.0	4.4	4.5	9.0	9.0	6.3	6.3
Tennessee	6.4	6.4	6.4	6.3	4.3	4.4	8.9	8.7	5.7	5.7
West South Central	**7.8**	**8.4**	**6.7**	**7.5**	**4.5**	**5.1**	**6.7**	**7.2**	**6.4**	**7.0**
Arkansas	7.3	7.7	6.0	6.2	4.2	4.5	6.9	7.0	5.8	6.0
Louisiana	7.3	7.9	6.8	7.6	4.4	5.5	6.5	7.6	6.1	6.9
Oklahoma	6.7	7.2	5.8	6.3	3.8	4.2	5.2	5.6	5.6	6.0
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**	**6.6**	**6.5**	**4.9**	**4.8**	**4.9**	**4.8**	**6.5**	**6.4**
Arizona	8.3	8.3	7.3	7.4	5.3	5.3	3.8	3.8	7.1	7.2
Colorado	7.3	7.5	5.7	5.7	4.4	4.4	6.5	6.7	6.0	6.0
Idaho	6.8	6.1	5.8	5.2	4.6	3.6	5.5	4.8	5.8	5.0
Montana	7.2	6.8	6.0	5.6	4.1	5.6	7.9	7.1	5.9	6.1
Nevada	9.4	9.0	9.1	8.5	7.3	6.5	6.1	6.0	8.4	7.8
New Mexico	8.6	8.7	7.4	7.5	4.7	5.4	5.2	5.1	6.7	7.0
Utah	6.7	6.7	5.5	5.6	3.8	3.6	4.1	4.1	5.3	5.2
Wyoming	6.9	6.6	5.7	5.4	3.6	3.4	5.2	4.6	4.7	4.4
Pacific Contiguous	**10.1**	**9.8**	**11.5**	**10.8**	**7.3**	**7.8**	**5.7**	**6.8**	**10.0**	**9.5**
California	12.2	12.2	13.3	12.8	8.7	9.1	5.9	7.6	11.8	11.4
Oregon	7.4	6.5	6.9	5.6	5.0	4.4	9.4	8.1	6.6	5.7
Washington	6.5	6.0	6.3	5.7	4.2	5.2	5.0	4.3	5.9	5.6
Pacific Noncontiguous	**14.0**	**14.4**	**12.3**	**12.7**	**10.0**	**10.5**	**13.0**	**13.5**	**12.1**	**12.5**
Alaska	12.1	12.1	10.2	10.2	7.7	7.7	13.0	13.3	10.4	10.5
Hawaii	15.3	16.0	13.8	14.5	10.7	11.3	13.3	14.0	13.1	13.7
U.S. Average	**8.43**	**8.57**	**7.93**	**7.91**	**4.84**	**5.07**	**6.60**	**6.45**	**7.21**	**7.26**

[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] 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, December 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	**311,336**	**-6**	**32,908**	**3,277**	**-**	**-**	**141**	**-**	**394**
Gantt (AL)	-	-	-	938	-	-	-	-	-
Lowman (AL)	311,336	-	-	-	-	-	141	-	-
McIntosh-CAES (AL)	-	-	3,108	-	-	-	-	-	21
McWilliams (AL)	-	-	29,800	-	-	-	-	-	373
Point A (AL)	-	-	-	2,339	-	-	-	-	-
Portland (FL)	-	-6	-	-	-	-	-	*	-
Alabama Power Co	**4,559,298**	**3,617**	**442,548**	**812,708**	**1,240,922**	**-**	**2,104**	**7**	**3,632**
Bankhead Dam (AL)	-	-	-	33,718	-	-	-	-	-
Barry (AL)	1,015,214	-	296,811	-	-	-	417	-	2,162
Farley (AL)	-	-	-	-	1,240,922	-	-	-	-
Gadsden New (AL)	41,193	-	283	-	-	-	24	*	4
Gaston, E C (AL)	1,101,007	1,346	-	-	-	-	445	2	-
GE Plastics (AL)	-	-	55,079	-	-	-	-	-	639
Gorgas (AL)	706,322	867	-	-	-	-	301	2	-
Greene County (AL)	339,523	1,404	9,205	-	-	-	136	3	121
H Neely Henry Dam (AL)	-	-	-	41,437	-	-	-	-	-
Harris (AL)	-	-	-	32,001	-	-	-	-	-
Holt Dam (AL)	-	-	-	31,485	-	-	-	-	-
Jordan (AL)	-	-	-	58,574	-	-	-	-	-
Lay Dam (AL)	-	-	-	110,469	-	-	-	-	-
Lewis Smith Dam (AL)	-	-	-	27,500	-	-	-	-	-
Logan Martin Dam (AL)	-	-	-	73,936	-	-	-	-	-
Martin Dam (AL)	-	-	-	59,728	-	-	-	-	-
Miller (AL)	1,356,039	-	2,895	-	-	-	782	-	41
Mitchell Dam (AL)	-	-	-	97,997	-	-	-	-	-
Thurlow Dam (AL)	-	-	-	39,918	-	-	-	-	-
Walter Bouldin Dam (AL)	-	-	-	142,237	-	-	-	-	-
Washington County (AL)	-	-	78,275	-	-	-	-	-	666
Weiss Dam (AL)	-	-	-	40,207	-	-	-	-	-
Yates Dam (AL)	-	-	-	23,501	-	-	-	-	-
Alaska Elec Lgt & Pwr Co	**-**	**2**	**-**	**32,452**	**-**	**-**	**-**	**-**	**-**
Annex Creek (AK)	-	-	-	2,514	-	-	-	-	-
Auke Bay (AK)	-	-	-	-	-	-	-	-	-
Gold Creek (AK)	-	-	-	494	-	-	-	-	-
Lemon Creek (AK)	-	2	-	-	-	-	-	*	-
Salmon Creek (AK)	-	-	-	2,790	-	-	-	-	-
Snettisham (AK)	-	-	-	26,654	-	-	-	-	-
Alexandria (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
D G Hunter (LA)	-	-	-	-	-	-	-	-	-
Amer Mun Power-Ohio Inc	**108,825**	**-**	**207**	**-**	**-**	**-**	**68**	**-**	**3**
Richard Gorsuch (OH)	108,825	-	207	-	-	-	68	-	3
Ameren-UE	**3,256,732**	**1,976**	**6,739**	**48,520**	**741,242**	**4,536**	**1,905**	**3**	**101**
Callaway (MO)	-	-	-	-	741,242	-	-	-	-
Howard Bend (MO)	-	-	-	-	-	-	-	-	-
Jefferson City (MO)	-	7	-	-	-	-	-	*	-
Keokuk (IA)	-	-	-	69,263	-	-	-	-	-
Kirksville (MO)	-	-	-9	-	-	-	-	-	-
Labadie (MO)	1,501,874	1,762	-	-	-	-	883	3	-
Meramec (MO)	323,195	1	7,915	-	-	-	201	*	86
Mexico (MO)	-	10	-	-	-	-	-	*	-
Moberly (MO)	-	32	-	-	-	-	-	*	-
Moreau (MO)	-	19	-	-	-	-	-	*	-
Osage (MO)	-	-	-	394	-	-	-	-	-
Peno Creek (MO)	-	62	159	-	-	-	-	*	3
Portable (MO)	-	-	-	-	-	-	-	-	-
Rush Island (MO)	807,132	77	-	-	-	-	492	*	-
Sioux (MO)	624,531	6	-	-	-	4,536	329	*	-
Taum Sauk (MO)	-	-	-	-21,137	-	-	-	-	-
Venice No. 2 (IL)	-	-	-1,292	-	-	-	-	-	12
Viaduct (MO)	-	-	-34	-	-	-	-	-	-
Ames (City of)	**33,989**	**85**	**-**	**-**	**-**	**-**	**21**	**-**	**-**
Ames (IA)	33,989	85	-	-	-	-	21	*	-
Ames Gt (IA)	-	-	-	-	-	-	-	*	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	**-**	**24**	**55,500**	**11,829**	**-**	**-**	**-**	**-**	**720**
Anchorage (AK)	-	1	122	-	-	-	-	*	4
Eklutna (AK)	-	-	-	11,829	-	-	-	-	-
GMS 2 (AK)	-	23	55,378	-	-	-	-	*	716
Appalachian Power Co	**3,153,844**	**9,180**	**-**	**69,371**	**-**	**-**	**1,278**	**15**	**-**
Amos, John E (WV)	1,603,826	6,594	-	-	-	-	628	11	-
Buck (VA)	-	-	-	4,821	-	-	-	-	-
Byllesby 2 (VA)	-	-	-	6,599	-	-	-	-	-
Claytor (VA)	-	-	-	23,857	-	-	-	-	-
Clinch River (VA)	396,993	462	-	-	-	-	185	1	-
Glen Lyn (VA)	124,618	1,513	-	-	-	-	49	3	-
Kanawha River (WV)	216,077	203	-	-	-	-	88	*	-
Leesville (VA)	-	-	-	5,735	-	-	-	-	-
London (WV)	-	-	-	9,521	-	-	-	-	-
Marmet (WV)	-	-	-	7,824	-	-	-	-	-
Mountaineer (WV)	812,330	408	-	-	-	-	329	1	-
Niagara (VA)	-	-	-	371	-	-	-	-	-
Reusens (VA)	-	-	-	2,419	-	-	-	-	-
Smith Mountain (VA)	-	-	-	-4,600	-	-	-	-	-
Winfield (WV)	-	-	-	12,824	-	-	-	-	-
Arizona Elec Pwr Coop Inc	**244,200**	**-**	**1,872**	**-**	**-**	**-**	**135**	**-**	**29**
Apache Station (AZ)	244,200	-	1,872	-	-	-	135	-	29
Arizona Public Service Co	**1,549,372**	**513**	**93,355**	**2,612**	**2,812,543**	**-**	**895**	**1**	**1,031**
Childs (AZ)	-	-	-	1,568	-	-	-	-	-
Cholla (AZ)	628,519	480	167	-	-	-	343	1	2
Fairview (AZ)	-	24	-	-	-	-	-	*	-
Four Corners (NM)	920,853	-	12,576	-	-	-	552	-	132
Irving (AZ)	-	-	-	1,044	-	-	-	-	-
Ocotillo (AZ)	-	-	4,942	-	-	-	-	-	80
Palo Verde (AZ)	-	-	-	-	2,812,543	-	-	-	-
Phoenix (AZ)	-	-	49,621	-	-	-	-	-	534
Saguaro (AZ)	-	-	110	-	-	-	-	-	3
Yucca (AZ)	-	9	25,939	-	-	-	-	*	281
Arkansas Elec Coop Corp	**-**	**40,400**	**683**	**43,329**	**-**	**-**	**-**	**67**	**7**
Bailey (AR)	-	21,020	182	-	-	-	-	35	2
Clyde Ellis (AR)	-	-	-	5,797	-	-	-	-	-
Dam #2 (AR)	-	-	-	29,863	-	-	-	-	-
Dam 9 (AR)	-	-	-	7,669	-	-	-	-	-
Fitzhugh (AR)	-	-	-	-	-	-	-	-	-
Fulton (AR)	-	-	-	-	-	-	-	-	-
Mc Clellan (AR)	-	19,380	501	-	-	-	-	31	5
Arkansas Power & Light Co	**1,442,751**	**743**	**2,639**	**9,164**	**1,353,074**	**-**	**904**	**2**	**41**
Arkansas Nuclear One(AR)	-	-	-	-	1,353,074	-	-	-	-
Blytheville (AR)	-	-	-	-	-	-	-	-	-
Carpenter (AR)	-	-	-	6,043	-	-	-	-	-
Couch, Harvey (AR)	-	-	3,019	-	-	-	-	-	41
Independence (AR)	591,266	613	-	-	-	-	362	2	-
L Catherine (AR)	-	-	-	-	-	-	-	-	-
Mablevale (AR)	-	-	-	-	-	-	-	-	-
Remmel (AR)	-	-	-	3,121	-	-	-	-	-
Ritchie, R E (AR)	-	-	-380	-	-	-	-	-	-
White Bluff (AR)	851,485	130	-	-	-	-	543	*	-
Associated Elec Coop	**1,414,740**	**349**	**35,357**	**-**	**-**	**-**	**812**	**1**	**319**
Chouteau (MO)	-	-	24,756	-	-	-	-	-	213
Essex (MO)	-	-	-	-	-	-	-	-	-
Holden (MO)	-	-	434	-	-	-	-	-	4
Nadaway (MO)	-	-	3,810	-	-	-	-	-	44
New Madrid (MO)	745,574	65	-	-	-	-	426	*	-
St Francis (MO)	-	-	6,357	-	-	-	-	-	57
Thomas Hill (MO)	669,166	278	-	-	-	-	385	1	-
Unionville (MO)	-	6	-	-	-	-	-	*	-
Atlantic City Elec Co	**139,555**	**11,787**	**451**	**-**	**-**	**-**	**67**	**11**	**7**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	43,089	25	451	-	-	-	18	*	7
England, B L (NJ)	96,466	11,762	-	-	-	-	50	11	-
Austin (City of)	**-**	**-**	**123,674**	**-**	**-**	**-**	**-**	**-**	**1,377**
Decker Creek (TX)	-	-	97,443	-	-	-	-	-	1,094
Holly Street (TX)	-	-	21,227	-	-	-	-	-	226
Sandhill (TX)	-	-	5,004	-	-	-	-	-	57
Avista Corporation	**-**	**-**	**2,730**	**252,083**	**-**	**32,210**	**-**	**-**	**27**
Boulder Park (WA)	-	-	1,945	-	-	-	-	-	18
Cabinet Gorge (ID)	-	-	-	72,824	-	-	-	-	-
Kettle Fls (WA)	-	-	785	-	-	32,210	-	-	9
Little Falls (WA)	-	-	-	11,743	-	-	-	-	-
Long Lake (WA)	-	-	-	28,098	-	-	-	-	-
Monroe Street (WA)	-	-	-	8,969	-	-	-	-	-
Nine Mile (WA)	-	-	-	7,954	-	-	-	-	-
Northeast (WA)	-	-	-	-	-	-	-	-	-
Noxon Rapids (MT)	-	-	-	110,350	-	-	-	-	-
Post Falls (ID)	-	-	-	5,163	-	-	-	-	-
Rathdrum (ID)	-	-	-	-	-	-	-	-	-
Upper Falls (WA)	-	-	-	6,982	-	-	-	-	-
Basin Elec Power Coop	**2,218,755**	**581**	**-**	**-**	**-**	**478**	**1,609**	**1**	**-**
Antelope Valley (ND)	613,153	27	-	-	-	-	519	*	-
Laramie River (WY)	1,205,029	42	-	-	-	-	749	*	-
Leland Olds (ND)	400,573	512	-	-	-	-	341	1	-
Prairie Winds (ND)	-	-	-	-	-	478	-	-	-
Spirit Mound (SD)	-	-	-	-	-	-	-	-	-
Black Hills Pwr and Lt Co	**114,624**	**99**	**11,282**	**-**	**-**	**-**	**93**	**-**	**129**
French, Ben (SD)	14,931	17	1,079	-	-	-	13	*	18
Neil Simpson 2 (WY)	64,932	5	10,203	-	-	-	47	*	111
Osage (WY)	21,734	-	-	-	-	-	22	-	-
Simpson, Neil (WY)	13,027	77	-	-	-	-	11	*	-
Braintree (City of)	**-**	**2,047**	**694**	**-**	**-**	**-**	**-**	**4**	**9**
Potter Station (MA)	-	2,047	694	-	-	-	-	4	9
Brazos Elec Pwr Coop Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Miller, R W (TX)	-	-	-	-	-	-	-	-	-
North Texas (TX)	-	-	-	-	-	-	-	-	-
Brownsville (City of)	**-**	**-**	**958**	**-**	**-**	**-**	**-**	**-**	**12**
Si Ray (TX)	-	-	958	-	-	-	-	-	12
Bryan (City of)	**-**	**-**	**21,219**	**-**	**-**	**-**	**-**	**-**	**252**
Bryan (TX)	-	-	1,846	-	-	-	-	-	22
Dansby (TX)	-	-	19,373	-	-	-	-	-	230
Burbank (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Magnolia (CA)	-	-	-	-	-	-	-	-	-
Olive (CA)	-	-	-	-	-	-	-	-	-
Burlington (City of)	**-**	**44**	**204**	**-**	**-**	**22,589**	**-**	**-**	**3**
Burlington (VT)	-	18	-	-	-	-	-	*	-
J C McNeil (VT)	-	26	204	-	-	22,589	-	*	3
California (State of)	**-**	**-**	**-**	**156,555**	**-**	**-**	**-**	**-**	**-**
Alamo (CA)	-	-	-	6,527	-	-	-	-	-
Bottle Rock (CA)	-	-	-	-	-	-	-	-	-
Devil Canyon (CA)	-	-	-	86,776	-	-	-	-	-
Edw Hyatt (CA)	-	-	-	67,874	-	-	-	-	-
Mojave Siphon (CA)	-	-	-	4,202	-	-	-	-	-
Thermal Div (CA)	-	-	-	1,824	-	-	-	-	-
Thermalito (CA)	-	-	-	12,129	-	-	-	-	-
W E Warne (CA)	-	-	-	45,764	-	-	-	-	-
William R Gianelli (CA)	-	-	-	-68,541	-	-	-	-	-
Cardinal Operating Co	**962,723**	**2,411**	**-**	**-**	**-**	**-**	**393**	**4**	**-**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	962,723	2,411	-	-	-	-	393	4	-
Carolina Power & Light Co	**2,671,159**	**8,750**	**22,134**	**95,515**	**2,534,250**	**-**	**1,071**	**22**	**259**
Asheville (NC)	222,480	828	220	-	-	-	88	2	4
Blewett (NC)	-	-39	-	16,672	-	-	-	*	-
Brunswick (NC)	-	-	-	-	1,285,249	-	-	-	-
Cape Fear (NC)	158,365	-197	-	-	-	-	63	*	-
Darlington County (SC)	-	775	658	-	-	-	-	4	16
Harris (NC)	-	-	-	-	696,922	-	-	-	-
Lee (NC)	167,573	1,112	-	-	-	-	72	2	-
Marshall (NC)	-	-	-	407	-	-	-	-	-
Mayo (NC)	427,789	807	-	-	-	-	173	1	-
Morehead (NC)	-	-	-	-	-	-	-	-	-
Richmond (NC)	-	97	21,256	-	-	-	-	1	239
Robinson, H B (SC)	77,589	334	-	-	552,079	-	31	1	-
Rowan (NC)	-	-	-	-	-	-	-	-	-
Roxboro (NC)	1,323,549	1,653	-	-	-	-	518	3	-
Sutton (NC)	224,408	805	-	-	-	-	98	2	-
Tillery (NC)	-	-	-	29,305	-	-	-	-	-
Walters (NC)	-	-	-	49,131	-	-	-	-	-
Wayne County (NC)	-	2,403	-	-	-	-	-	5	-
Weatherspoon (NC)	69,406	172	-	-	-	-	27	1	-
Cedar Falls (City of)	**3,475**	**-**	**-39**	**-**	**-**	**691**	**2**	**-**	**-**
Cedar Falls Gt (IA)	3,475	-	35	-	-	-	2	-	*
IDWGP (IA)	-	-	-	-	-	691	-	-	-
Streeter (IA)	-	-	-74	-	-	-	-	-	-
Cent NE Pub Pwr & Ir Dist	**-**	**-**	**-**	**10,909**	**-**	**-**	**-**	**-**	**-**
Jeffrey Canyon (NE)	-	-	-	3,319	-	-	-	-	-
Johnson No 1 (NE)	-	-	-	2,784	-	-	-	-	-
Johnson No 2 (NE)	-	-	-	3,455	-	-	-	-	-
Kingsley (NE)	-	-	-	1,351	-	-	-	-	-
Central Elec Pwr Coop	**47,308**	**6**	**-**	**-**	**-**	**-**	**30**	**-**	**-**
Chamois (MO)	47,308	6	-	-	-	-	30	*	-
Central Hudson Gas & Elec	**-**	**310**	**8**	**15,312**	**-**	**-**	**-**	**1**	**-**
Coxsackie (NY)	-	306	8	-	-	-	-	1	*
Dashville (NY)	-	-	-	2,534	-	-	-	-	-
High Falls (NY)	-	-	-	1,175	-	-	-	-	-
Neversink (NY)	-	-	-	3,577	-	-	-	-	-
South Cairo (NY)	-	4	-	-	-	-	-	*	-
Sturgeon Pool (NY)	-	-	-	8,026	-	-	-	-	-
Central Illinois Light Co	**464,935**	**1,561**	**6,849**	**-**	**-**	**-**	**222**	**3**	**35**
Duck Creek (IL)	155,894	664	-	-	-	-	77	1	-
E D Edwards (IL)	309,041	897	-	-	-	-	145	2	-
Pekin Cogen (IL)	-	-	6,828	-	-	-	-	-	35
Sterling Avenue (IL)	-	-	21	-	-	-	-	-	*
Central Illinois Public Service Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Coffeen (IL)	-	-	-	-	-	-	-	-	-
Grand Tower (IL)	-	-	-	-	-	-	-	-	-
Hutsonville (IL)	-	-	-	-	-	-	-	-	-
Meredosia (IL)	-	-	-	-	-	-	-	-	-
Newton (IL)	-	-	-	-	-	-	-	-	-
Central Iowa Power Coop	**30,063**	**-**	**163**	**-**	**-**	**-**	**15**	**-**	**2**
Fair Station (IA)	30,063	-	113	-	-	-	15	-	1
Summit Lake (IA)	-	-	50	-	-	-	-	-	1
Central Louisiana Elec Co	**758,783**	**-**	**119,460**	**-**	**-**	**-**	**565**	**-**	**1,140**
Dolet Hills (LA)	475,603	-	25	-	-	-	386	-	*
Franklin (LA)	-	-	-	-	-	-	-	-	-
Rodemacher (LA)	283,180	-	40,949	-	-	-	179	-	434
Teche (LA)	-	-	78,486	-	-	-	-	-	706
Central Operating Co	**518,366**	**4,829**	**-**	**-**	**-**	**-**	**176**	**7**	**-**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	518,366	4,829	-	-	-	-	176	7	-
Chelan Pub Util Dist #1	**-**	**-**	**-**	**694,993**	**-**	**-**	**-**	**-**	**-**
Chelan (WA)	-	-	-	21,758	-	-	-	-	-
Rock Island (WA)	-	-	-	202,487	-	-	-	-	-
Rocky Reach (WA)	-	-	-	470,748	-	-	-	-	-
Chillicothe (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Chillicothe (MO)	-	-	-	-	-	-	-	-	*
Chugach Elec Assn Inc	**-**	**-**	**191,774**	**60,171**	**-**	**-**	**-**	**-**	**2,329**
Beluga (AK)	-	-	163,190	-	-	-	-	-	1,978
Bernice Lake (AK)	-	-	237	-	-	-	-	-	3
Bradley Lake (AK)	-	-	-	55,785	-	-	-	-	-
Cooper Lake (AK)	-	-	-	4,386	-	-	-	-	-
International (AK)	-	-	45	-	-	-	-	-	4
Soldotna (AK)	-	-	28,302	-	-	-	-	-	343
Cincinnati Gas Elec Co	**2,656,381**	**2,718**	**952**	**-**	**-**	**-**	**1,078**	**6**	**32**
Beckjord, Walter C (OH)	625,331	1,240	-	-	-	-	278	3	-
Dicks Creek (OH)	-	-	-	-	-	-	-	-	-
East Bend (KY)	420,606	752	-	-	-	-	181	1	-
Miami Fort (OH)	674,155	618	-	-	-	-	284	1	-
W. H. Zimmer (OH)	936,289	92	-	-	-	-	334	*	-
Woodsdale (OH)	-	16	952	-	-	-	-	*	32
Clarksdale (City of)	**-**	**-**	**1,352**	**-**	**-**	**-**	**-**	**-**	**25**
South (MS)	-	-	1,352	-	-	-	-	-	25
Third St (MS)	-	-	-	-	-	-	-	-	-
Cleveland (City of)	**-**	**33**	**39**	**-**	**-**	**-**	**-**	**-**	**1**
Collinwood (OH)	-	21	11	-	-	-	-	*	*
Lake Road (OH)	-	-	-	-	-	-	-	-	-
West 41st Street (OH)	-	12	28	-	-	-	-	*	1
Cleveland Elec Illum Co	**649,245**	**2,461**	**-**	**-16,210**	**931,166**	**-**	**348**	**4**	**-**
Ashtabula (OH)	56,597	312	-	-	-	-	34	1	-
Eastlake (OH)	549,371	1,211	-	-	-	-	280	2	-
Lake Shore (OH)	43,277	938	-	-	-	-	34	2	-
Perry (OH)	-	-	-	-	931,166	-	-	-	-
Seneca (PA)	-	-	-	-16,210	-	-	-	-	-
Coffeyville (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Coffeyville (KS)	-	-	-	-	-	-	-	-	-
Colorado Springs(City of)	**256,259**	**142**	**14,947**	**1,220**	**-**	**-**	**144**	**-**	**267**
Drake, Martin (CO)	109,647	-	1,640	-	-	-	55	-	20
George Birdsal (CO)	-	-	12,898	-	-	-	-	-	242
Manitou (CO)	-	-	-	-4	-	-	-	-	-
Ray D. Nixon (CO)	146,612	142	409	-	-	-	89	*	5
Ruxton (CO)	-	-	-	-	-	-	-	-	-
Tesla (CO)	-	-	-	1,224	-	-	-	-	-
Columbia (City of)	**7,692**	**-**	**-**	**-**	**-**	**-**	**5**	**-**	**-**
Columbia (MO)	7,692	-	-	-	-	-	5	-	-
Columbus Southern Pwr Co	**747,356**	**731**	**-**	**-**	**-**	**-**	**358**	**2**	**-**
Conesville (OH)	746,943	640	-	-	-	-	358	1	-
Picway (OH)	413	91	-	-	-	-	1	1	-
Consol Edison Co N Y Inc	**-**	**-12**	**52,138**	**-**	**-**	**-**	**-**	**-**	**611**
59Th Street (NY)	-	-	-	-	-	-	-	-	-
74Th Street (NY)	-	-12	-	-	-	-	-	-	-
Buchanan (NY)	-	-	-	-	-	-	-	-	-
East River (NY)	-	-	-	-	-	-	-	-	-
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, December 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)	-	-	52,138	-	-	-	-	-	611
Consolidated Water Pwr Co	**-**	**-**	**-**	**14,955**	**-**	**-**	**-**	**-**	**-**
Biron (WI)	-	-	-	3,204	-	-	-	-	-
Du Bay (WI)	-	-	-	3,720	-	-	-	-	-
Stevens Point (WI)	-	-	-	2,409	-	-	-	-	-
Wisconsin Rapids (WI)	-	-	-	4,489	-	-	-	-	-
Wisconsin River Di (WI)	-	-	-	1,133	-	-	-	-	-
Consumers Power Co	**1,867,711**	**28,140**	**21,622**	**-55,149**	**507,080**	**-**	**938**	**66**	**307**
Alcona (MI)	-	-	-	1,629	-	-	-	-	-
Allegan Dam (MI)	-	-	-	785	-	-	-	-	-
Campbell, J H (MI)	970,577	591	-	-	-	-	467	1	-
Cobb, B C (MI)	182,223	-	2,118	-	-	-	99	-	21
Cooke (MI)	-	-	-	1,685	-	-	-	-	-
Croton (MI)	-	-	-	2,096	-	-	-	-	-
Five Channels (MI)	-	-	-	1,536	-	-	-	-	-
Foote (MI)	-	-	-	2,007	-	-	-	-	-
Gaylord (MI)	-	-	709	-	-	-	-	-	11
Hardy (MI)	-	-	-	4,484	-	-	-	-	-
Hodenpyl (MI)	-	-	-	2,656	-	-	-	-	-
Karn, D E (MI)	295,275	27,470	16,870	-	-	-	149	65	250
Loud (MI)	-	-	-	1,134	-	-	-	-	-
Ludington (MI)	-	-	-	-79,927	-	-	-	-	-
Mio (MI)	-	-	-	891	-	-	-	-	-
Morrow, B E (MI)	-	-	140	-	-	-	-	-	2
Palisades (MI)	-	-	-	-	507,080	-	-	-	-
Rogers (MI)	-	-	-	1,416	-	-	-	-	-
Straits (MI)	-	-	32	-	-	-	-	-	1
Thetford (MI)	-	-	599	-	-	-	-	-	11
Tippy, C W (MI)	-	-	-	4,118	-	-	-	-	-
Weadock, J C (MI)	209,508	-	1,154	-	-	-	106	-	11
Webber (MI)	-	-	-	341	-	-	-	-	-
Whiting, J R (MI)	210,128	79	-	-	-	-	116	*	-
Cooperative Power Asso	**735,872**	**614**	**-**	**-**	**-**	**-**	**648**	**1**	**-**
Bonifacius (MN)	-	80	-	-	-	-	-	*	-
Coal Creek (ND)	735,872	534	-	-	-	-	648	1	-
Corn Belt Power Coop	**129**	**-**	**4**	**-**	**-**	**-**	**-**	**-**	**-**
Wisdom, Earl F (IA)	129	-	4	-	-	-	*	-	*
Dairyland Power Coop	**457,037**	**433**	**489**	**4,100**	**-**	**-**	**260**	**1**	**8**
Alma (WI)	68,238	48	-	-	-	-	39	*	-
Elk Mound (WI)	-	-	489	-	-	-	-	-	8
Flambeau (WI)	-	-	-	4,100	-	-	-	-	-
Genoa (WI)	202,962	52	-	-	-	-	95	*	-
J P Madgett (WI)	185,837	333	-	-	-	-	126	1	-
Dayton Pwr & Lgt Co (The)	**1,950,278**	**3,639**	**1,704**	**-**	**-**	**-**	**731**	**6**	**16**
Frank M Tait (OH)	-	-	-120	-	-	-	-	-	*
Hutchings (OH)	48,639	-	1,824	-	-	-	17	*	16
Killen Station (OH)	424,457	421	-	-	-	-	162	1	-
Monument (OH)	-	-	-	-	-	-	-	-	-
Sidney (OH)	-	-	-	-	-	-	-	-	-
Stuart, J M (OH)	1,477,182	3,218	-	-	-	-	551	5	-
Yankee Street (OH)	-	-	-	-	-	-	-	-	-
Denton (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Lewisdale (TX)	-	-	-	-	-	-	-	-	-
Roberts (TX)	-	-	-	-	-	-	-	-	-
Spencer (TX)	-	-	-	-	-	-	-	-	-
Deseret Gen & Trans Coop	**311,248**	**281**	**-**	**-**	**-**	**-**	**186**	**1**	**-**
Bonanza (UT)	311,248	281	-	-	-	-	186	1	-
Detroit (City of)	**-**	**787**	**16,060**	**-**	**-**	**-**	**-**	**5**	**187**
Mistersky (MI)	-	787	16,060	-	-	-	-	5	187

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	**3,306,396**	**52,515**	**65,637**	**-**	**733,036**	**-**	**1,671**	**88**	**871**
Beacon Heating (MI)	-	-	-1,596	-	-	-	-	-	-
Belle River (MI)	786,943	1,777	9,346	-	-	-	436	3	144
Central Storage (MI)	-	-	-	-	-	-	-	-	-
Colfax (MI)	-	-	-	-	-	-	-	*	-
Conners Creek (MI)	-	-	-254	-	-	-	-	-	-
Dayton (MI)	-	-55	-	-	-	-	-	-	-
Delray (MI)	-	-	-	-	-	-	-	-	-
Enrico Fermi (MI)	-	-57	-	-	733,036	-	-	*	-
Greenwood (MI)	-	27,241	32,056	-	-	-	-	45	327
Hancock (MI)	-	-	2,696	-	-	-	-	-	39
Harbor Beach (MI)	15,573	195	-	-	-	-	7	*	-
Marysville (MI)	-6	-	-6	-	-	-	-	-	-
Monroe (MI)	1,262,257	8,164	-	-	-	-	590	14	-
Northeast (MI)	-	233	495	-	-	-	-	*	10
Oliver (MI)	-	22	-	-	-	-	-	*	-
Placid (MI)	-	54	-	-	-	-	-	*	-
Putnam (MI)	-	49	-	-	-	-	-	*	-
River Rouge (MI)	259,804	4	14,042	-	-	-	121	*	257
Slocum (MI)	-	-51	-	-	-	-	-	*	-
St. Clair (MI)	562,008	14,596	8,858	-	-	-	306	26	94
Superior (MI)	-	-57	-	-	-	-	-	*	-
Trenton Channel (MI)	419,817	305	-	-	-	-	210	1	-
Wilmott (MI)	-	95	-	-	-	-	-	*	-
Douglas Pub Util Dist #1	**-**	**-**	**-**	**338,080**	**-**	**-**	**-**	**-**	**-**
Wells (WA)	-	-	-	338,080	-	-	-	-	-
Dover (City of)	**7,396**	**-**	**254**	**-**	**-**	**-**	**5**	**-**	**4**
Dover (OH)	7,396	-	254	-	-	-	5	-	4
Dover Electric Dept.	**-**	**4,623**	**277**	**-**	**-**	**-**	**-**	**8**	**3**
Mckee Run (DE)	-	3,749	277	-	-	-	-	6	3
Van Sant (DE)	-	874	-	-	-	-	-	2	-
Duke Power Co	**3,472,005**	**3,729**	**-1**	**149,859**	**5,373,561**	**-**	**1,318**	**15**	**-**
99 Islands (SC)	-	-	-	6,206	-	-	-	-	-
Allen (NC)	294,117	2,402	-	-	-	-	116	4	-
Bad Creek (SC)	-	-	-	-46,202	-	-	-	-	-
Bear Creek (NC)	-	-	-	4,062	-	-	-	-	-
Belews Creek (NC)	1,582,560	733	-	-	-	-	584	1	-
Bridgewater (NC)	-	-	-	6,096	-	-	-	-	-
Bryson (NC)	-	-	-	102	-	-	-	-	-
Buck (NC)	74,614	-34	-1	-	-	-	34	1	*
Buzzard Roost (SC)	-	-121	-	6,083	-	-	-	*	-
Catawba (SC)	-	-	-	-	1,742,277	-	-	-	-
Cedar Cliff (NC)	-	-	-	3,098	-	-	-	-	-
Cedar Creek (SC)	-	-	-	20,426	-	-	-	-	-
Cliffside (NC)	217,268	587	-	-	-	-	86	1	-
Cowans Ford (NC)	-	-	-	16,146	-	-	-	-	-
Dan River (NC)	16,984	-128	-	-	-	-	10	2	-
Dearborn (SC)	-	-	-	22,939	-	-	-	-	-
Dillsboro (NC)	-	-	-	28	-	-	-	-	-
Fishing Creek (SC)	-	-	-	21,154	-	-	-	-	-
Franklin (NC)	-	-	-	-47	-	-	-	-	-
Gaston Shoals (SC)	-	-	-	2,336	-	-	-	-	-
Great Falls (SC)	-	-	-	3,179	-	-	-	-	-
Jocassee (SC)	-	-	-	-34,502	-	-	-	-	-
Keowee (SC)	-	-	-	3,515	-	-	-	-	-
Lee (SC)	30,638	-15	-	-	-	-	13	2	-
Lincoln (NC)	-	-1,016	-	-	-	-	-	-	-
Lookout Shoals (NC)	-	-	-	8,775	-	-	-	-	-
Marshall (NC)	1,193,981	1,459	-	-	-	-	445	2	-
Mc Guire (NC)	-	-	-	-	1,696,392	-	-	-	-
Mission (NC)	-	-	-	-3	-	-	-	-	-
Mountain Island (NC)	-	-	-	11,784	-	-	-	-	-
Nantahala (NC)	-	-	-	-49	-	-	-	-	-
Oconee (SC)	-	-	-	-	1,934,892	-	-	-	-
Oxford (NC)	-	-	-	13,409	-	-	-	-	-
Queens Creek (NC)	-	-	-	540	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	-	-	-	7,714	-	-	-	-	-
Riverbend (NC)	61,843	-138	-	-	-	-	29	2	-
Rocky Creek (SC)	-	-	-	2,264	-	-	-	-	-
Tennessee Creek (NC)	-	-	-	4,918	-	-	-	-	-
Thorpe (NC)	-	-	-	10,287	-	-	-	-	-
Tuckasegee (NC)	-	-	-	1,123	-	-	-	-	-
Tuxedo (NC)	-	-	-	2,849	-	-	-	-	-
Wateree (SC)	-	-	-	33,176	-	-	-	-	-
Wylie (SC)	-	-	-	18,453	-	-	-	-	-
East Kentucky Power Coop	**885,327**	**173**	**8,677**	**-**	**-**	**-**	**379**	**-**	**115**
Cooper (KY)	208,168	56	-	-	-	-	88	*	-
Dale (KY)	119,084	76	-	-	-	-	55	*	-
Smith (KY)	-	25	8,677	-	-	-	-	*	115
Spurlock, H L (KY)	558,075	16	-	-	-	-	236	*	-
El Paso Electric Co	**-**	**-**	**134,649**	**-**	**-**	**-**	**-**	**-**	**1,510**
Copper (TX)	-	-	230	-	-	-	-	-	5
Newman (TX)	-	-	96,025	-	-	-	-	-	1,045
Rio Grande (NM)	-	-	38,394	-	-	-	-	-	460
Electric Energy Inc	**744,071**	**-**	**1,667**	**-**	**-**	**-**	**438**	**-**	**24**
Joppa Steam (IL)	744,071	-	1,667	-	-	-	438	-	24
Empire District Elec Co	**156,136**	**75**	**975**	**3,789**	**-**	**2,207**	**84**	**-**	**28**
Asbury (MO)	115,536	73	-	-	-	2,207	61	*	-
Energy Center (MO)	-	2	79	-	-	-	-	*	4
Ozark Beach (MO)	-	-	-	3,789	-	-	-	-	-
Riverton (KS)	40,600	-	660	-	-	-	23	-	8
State Line (MO)	-	-	236	-	-	-	-	-	16
Energy Northwest	**-**	**-**	**-**	**5,567**	**837,172**	**-**	**-**	**-**	**-**
Packwood (WA)	-	-	-	5,567	-	-	-	-	-
WNP-2 (WA)	-	-	-	-	837,172	-	-	-	-
Eugene (City of)	**-**	**-**	**-**	**22,167**	**-**	**-**	**-**	**-**	**-**
Carmen (OR)	-	-	-	16,578	-	-	-	-	-
Leaburg (OR)	-	-	-	5,589	-	-	-	-	-
Walterville (OR)	-	-	-	-	-	-	-	-	-
Willamette (OR)	-	-	-	-	-	-	-	-	-
Fayetteville (City of)	**-**	**-20**	**2,159**	**-**	**-**	**-**	**-**	**-**	**31**
Pod #2 (NC)	-	-20	2,159	-	-	-	-	*	31
Florida Power & Light Co	**-**	**1,001,689**	**2,252,49**	**-**	**2,352,348**	**-**	**-**	**1,622**	**17,892**
Cape Canaveral (FL)	-	94,218	33,460	-	-	-	-	148	366
Cutler (FL)	-	-	1,462	-	-	-	-	-	24
Fort Meyers (FL)	-	6,035	520,927	-	-	-	-	18	3,993
Lauderdale (FL)	-	30	478,685	-	-	-	-	*	3,808
Manatee (FL)	-	454,377	-	-	-	-	-	736	-
Martin (FL)	-	127,736	518,874	-	-	-	-	201	4,180
Port Everglades (FL)	-	111,097	46,711	-	-	-	-	187	578
Putnam (FL)	-	-	47,478	-	-	-	-	-	531
Riviera (FL)	-	93,021	19,454	-	-	-	-	148	170
Sanford (FL)	-	-	539,139	-	-	-	-	-	3,748
St. Lucie (FL)	-	-	-	-	1,277,141	-	-	-	-
Turkey Point (FL)	-	115,175	46,305	-	1,075,207	-	-	183	496
Florida Power Corporation	**484,718**	**379,653**	**371,628**	**-**	**634,766**	**-**	**188**	**612**	**2,907**
Anclote (FL)	-	218,388	582	-	-	-	-	356	6
Avon Park (FL)	-	13	142	-	-	-	-	*	2
Bartow, P L (FL)	-	151,879	826	-	-	-	-	237	15
Bayboro (FL)	-	1,433	-	-	-	-	-	3	-
Crystal River (FL)	484,718	3,931	-	-	634,766	-	188	6	-
Debary (FL)	-	1,231	10,049	-	-	-	-	3	111
Higgins (FL)	-	-	994	-	-	-	-	-	14
Hines Energy (FL)	-	-	183,835	-	-	-	-	-	1,320
Intercession City (FL)	-	1,917	9,732	-	-	-	-	4	112
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, December 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)	-	13	-	-	-	-	-	*	-
Suwannee River (FL)	-	848	132	-	-	-	-	2	2
Tiger Bay (FL)	-	-	132,109	-	-	-	-	-	989
Turner, G E (FL)	-	-	-	-	-	-	-	*	-
Univ Proj (FL)	-	-	33,227	-	-	-	-	-	335
Fort Pierce (City of)	**-**	**5**	**588**	**-**	**-**	**-**	**-**	**-**	**13**
King (FL)	-	5	588	-	-	-	-	*	13
Fremont (City of)	**35,836**	**-**	**606**	**-**	**-**	**-**	**23**	**-**	**7**
Lon Wright (NE)	35,836	-	606	-	-	-	23	-	7
Gainesville (City of)	**132,753**	**557**	**16,561**	**-**	**-**	**-**	**56**	**1**	**214**
Deerhaven (FL)	132,753	440	13,470	-	-	-	56	1	170
Kelly, J R (FL)	-	117	3,091	-	-	-	-	*	44
Garland Mun Utils (City)	**-**	**-**	**34,319**	**-**	**-**	**-**	**-**	**-**	**476**
Newman, C E (TX)	-	-	42	-	-	-	-	-	3
Olinger, Ray (TX)	-	-	34,277	-	-	-	-	-	473
Georgia Power Co	**5,912,274**	**7,658**	**1,221**	**190,574**	**2,535,437**	**-**	**2,476**	**16**	**13**
Arkwright (GA)	-124	-9	-	-	-	-	-	-	-
Atkinson (GA)	-	-	-	-	-	-	-	-	-
Barnett Shoals (GA)	-	-	-	281	-	-	-	-	-
Bartlett Ferry (GA)	-	-	-	47,740	-	-	-	-	-
Bowen (GA)	1,610,261	-19	-	-	-	-	639	-	-
Burton (GA)	-	-	-	2,873	-	-	-	-	-
Dahlberg ((GA)	-	-	-	-	-	-	-	-	-
Estatoah (GA)	-	-	-	40	-	-	-	-	-
Flint River (GA)	-	-	-	2,923	-	-	-	-	-
Goat Rock (GA)	-	-	-	14,443	-	-	-	-	-
Hammond (GA)	296,649	2,055	-	-	-	-	126	4	-
Harllee Branch (GA)	785,735	720	-	-	-	-	315	1	-
Hatch, Edwin I. (GA)	-	-	-	-	1,301,301	-	-	-	-
Langdale (GA)	-	-	-	72	-	-	-	-	-
Lloyd Shoals (GA)	-	-	-	8,200	-	-	-	-	-
Mcdonough, J (GA)	267,473	447	997	-	-	-	104	1	9
Mcmanus (GA)	-	-239	-	-	-	-	-	1	-
Mitchell, W (GA)	43,423	81	-	-	-	-	17	*	-
Morgan Falls (GA)	-	-	-	2,759	-	-	-	-	-
Nacoochee (GA)	-	-	-	1,882	-	-	-	-	-
North Highlands (GA)	-	-	-	13,795	-	-	-	-	-
Oliver Dam (GA)	-	-	-	23,066	-	-	-	-	-
Riverview (GA)	-	-	-	51	-	-	-	-	-
Robins (GA)	-	261	224	-	-	-	-	1	3
Scherer (GA)	1,442,585	2,080	-	-	-	-	697	4	-
Sinclair Dam (GA)	-	-	-	17,991	-	-	-	-	-
Tallulah Falls (GA)	-	-	-	19,998	-	-	-	-	-
Terrora (GA)	-	-	-	5,339	-	-	-	-	-
Tugalo (GA)	-	-	-	13,415	-	-	-	-	-
Vogtle (GA)	-	-	-	-	1,234,136	-	-	-	-
Wallace Dam (GA)	-	-	-	9,243	-	-	-	-	-
Wansley (GA)	1,106,169	-67	-	-	-	-	418	*	-
Wilson (GA)	-	197	-	-	-	-	-	1	-
Yates (GA)	360,103	2,151	-	-	-	-	160	4	-
Yonah (GA)	-	-	-	6,463	-	-	-	-	-
Glendale (City of)	**-**	**-**	**7,160**	**-**	**-**	**6,329**	**-**	**-**	**99**
Grayson (CA)	-	-	7,160	-	-	6,329	-	-	99
Golden Valley Elec Assn	**17,901**	**37,671**	**-**	**-**	**-**	**-**	**18**	**69**	**-**
Fairbanks (AK)	-	330	-	-	-	-	-	1	-
Healy (AK)	17,901	42	-	-	-	-	18	*	-
North Pole (AK)	-	37,299	-	-	-	-	-	68	-
Grand Haven (City of)	**29,984**	**1**	**-**	**-**	**-**	**-**	**12**	**-**	**-**
Harbor Avenue (MI)	-	1	-	-	-	-	-	*	*
J B Simms (MI)	29,984	-	-	-	-	-	12	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	**56,850**	**11**	**-46**	**-**	**-**	**-**	**34**	**-**	**4**
Burdick, C W (NE)	-	-	-46	-	-	-	-	-	4
Platte (NE)	56,850	11	-	-	-	-	34	*	-
Grand River Dam Authority	**646,440**	**3**	**301**	**-12,069**	**-**	**-**	**407**	**-**	**5**
GRDA No 1 (OK)	646,440	3	301	-	-	-	407	*	5
Markham (OK)	-	-	-	-176	-	-	-	-	-
Pensacola (OK)	-	-	-	1,553	-	-	-	-	-
Salina (OK)	-	-	-	-13,446	-	-	-	-	-
Grant Pub Util Dist #2	**-**	**-**	**-**	**827,841**	**-**	**-**	**-**	**-**	**-**
Pec Hdwks (WA)	-	-	-	-	-	-	-	-	-
Priest Rapids (WA)	-	-	-	413,755	-	-	-	-	-
Quincy Chut (WA)	-	-	-	-	-	-	-	-	-
Wanapum (WA)	-	-	-	414,086	-	-	-	-	-
Green Mountain Power Corp	**-**	**251**	**-**	**9,318**	**-**	**1,498**	**-**	**1**	**-**
Berlin (VT)	-	222	-	-	-	-	-	1	-
Bolton Falls (VT)	-	-	-	1,964	-	-	-	-	-
Colchester (VT)	-	-	-	-	-	-	-	-	-
Essex Junction 19 (VT)	-	-	-	2,830	-	-	-	-	-
Gorge 18 (VT)	-	-	-	1,053	-	-	-	-	-
Marshfield 6 (VT)	-	-	-	667	-	-	-	-	-
Middlesex 2 (VT)	-	-	-	954	-	-	-	-	-
Searsburg (VT)	-	-	-	-	-	1,498	-	-	-
Vergennes 9 (VT)	-	29	-	1,044	-	-	-	*	-
Waterbury 22 (VT)	-	-	-	607	-	-	-	-	-
West Danville 15 (VT)	-	-	-	199	-	-	-	-	-
Gulf Power Company	**677,179**	**376**	**181,987**	**-**	**-**	**-**	**302**	**1**	**1,262**
Crist (FL)	466,543	321	478	-	-	-	208	1	5
Scholz (FL)	20,028	21	-	-	-	-	10	*	-
Smith (FL)	190,608	34	181,509	-	-	-	84	*	1,257
Gulf States Utilities Co	**399,812**	**26**	**769,844**	**27,098**	**733,393**	**-**	**245**	**-**	**8,626**
Lewis Creek (TX)	-	-	170,793	-	-	-	-	-	1,811
Louisiana 1 (LA)	-	-	-	-	-	-	-	-	-
Nelson, R S (LA)	399,812	21	68,890	-	-	-	245	*	1,029
River Bend (LA)	-	-	-	-	733,393	-	-	-	-
Sabine (TX)	-	5	474,216	-	-	-	-	*	5,012
Toledo Bend (TX)	-	-	-	27,098	-	-	-	-	-
Willow Glen (LA)	-	-	55,945	-	-	-	-	-	775
Hamilton (City of)	**25,818**	**-**	**748**	**26,264**	**-**	**-**	**15**	**-**	**11**
Hamilton (OH)	25,818	-	748	-	-	-	15	-	11
Hamilton Hydro (OH)	-	-	-	202	-	-	-	-	-
Vanceburg Hydro (KY)	-	-	-	26,062	-	-	-	-	-
Hastings (City of)	**46,978**	**-**	**-172**	**-**	**-**	**-**	**32**	**-**	**-**
Don Henry (NE)	-	-	-23	-	-	-	-	-	*
North Denver (NE)	-	-	-149	-	-	-	-	-	-
Whelan (NE)	46,978	-	-	-	-	-	32	-	-
Hawaii Electric Light Co	**-**	**41,980**	**-**	**116**	**-**	**104**	**-**	**95**	**-**
Kanoelehua (HI)	-	394	-	-	-	-	-	1	-
Keahole (HI)	-	5,617	-	-	-	-	-	13	-
Lalamilo (HI)	-	-	-	-	-	104	-	-	-
Puma (HI)	-	14,189	-	-	-	-	-	33	-
Puueo (HI)	-	-	-	-4	-	-	-	-	-
Shipman (HI)	-	2,543	-	-	-	-	-	7	-
W. H. Hill (HI)	-	18,537	-	-	-	-	-	40	-
Waiau (HI)	-	-	-	120	-	-	-	-	-
Waimea (HI)	-	700	-	-	-	-	-	1	-
Hawaiian Elec Co Inc	**-**	**371,576**	**-**	**-**	**-**	**-**	**-**	**611**	**-**
Honolulu (HI)	-	3,492	-	-	-	-	-	9	-
Kahe (HI)	-	282,848	-	-	-	-	-	452	-
Oil Storage (CA)	-	-	-	-	-	-	-	-	-
Waiau (HI)	-	85,236	-	-	-	-	-	151	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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	**-**	**-**	**-**	**98,173**	**-**	**-**	**-**	**-**	**-**
Holm, Dion R (CA)	-	-	-	58,922	-	-	-	-	-
Kirkwood, Robert C (CA)	-	-	-	20,606	-	-	-	-	-
Moccasin (CA)	-	-	-	18,645	-	-	-	-	-
Moccasin Low (CA)	-	-	-	-	-	-	-	-	-
Holland (City of)	**27,537**	**-**	**4,681**	**-**	**-**	**-**	**14**	**-**	**57**
48 Street (MI)	-	-	4,628	-	-	-	-	-	56
6Th Street (MI)	-	-	-	-	-	-	-	-	-
James De Young (MI)	27,537	-	53	-	-	-	14	-	1
Homestead (City of)	**-**	**33**	**632**	**-**	**-**	**-**	**-**	**-**	**6**
G W Ivey (FL)	-	33	632	-	-	-	-	*	6
Hoosier Energy Rural	**759,617**	**567**	**-**	**-**	**-**	**-**	**355**	**1**	**-**
Merom (IN)	627,039	511	-	-	-	-	295	1	-
Ratts (IN)	132,578	56	-	-	-	-	60	*	-
Hutchinson (City of)	**-**	**20**	**36**	**-**	**-**	**-**	**-**	**-**	**-**
Plant No. 1 (MN)	-	20	36	-	-	-	-	*	*
Plant No. 2 (MN)	-	-	-	-	-	-	-	-	-
Idaho Power Co	**-**	**1**	**1,438**	**407,885**	**-**	**-**	**-**	**-**	**18**
American Falls (ID)	-	-	-	-190	-	-	-	-	-
Bliss (ID)	-	-	-	26,927	-	-	-	-	-
Brownlee (ID)	-	-	-	112,245	-	-	-	-	-
Cascade (ID)	-	-	-	722	-	-	-	-	-
Clear Lake (ID)	-	-	-	1,273	-	-	-	-	-
Hells Canyon (OR)	-	-	-	98,912	-	-	-	-	-
Lower Malad (ID)	-	-	-	8,718	-	-	-	-	-
Lower Salmon (ID)	-	-	-	18,304	-	-	-	-	-
Milner (ID)	-	-	-	3,537	-	-	-	-	-
Mountain Home (ID)	-	-	1,438	-	-	-	-	-	18
Oxbow (OR)	-	-	-	48,979	-	-	-	-	-
Salmon (ID)	-	1	-	-	-	-	-	*	-
Shoshone Falls (ID)	-	-	-	9,621	-	-	-	-	-
Strike, C J (ID)	-	-	-	34,853	-	-	-	-	-
Swan Falls (ID)	-	-	-	10,112	-	-	-	-	-
Thousand Springs (ID)	-	-	-	4,649	-	-	-	-	-
Twin Falls (ID)	-	-	-	5,774	-	-	-	-	-
Upper Malad (ID)	-	-	-	4,830	-	-	-	-	-
Upper Salmon (ID)	-	-	-	9,731	-	-	-	-	-
Upper Salmon (ID)	-	-	-	8,888	-	-	-	-	-
IES Utilities Co	**925,896**	**962**	**7,119**	**415**	**428,684**	**2,948**	**640**	**3**	**314**
6Th Street (IA)	10,700	-	2,943	-	-	641	22	-	110
Agency GT (IA)	-	-105	-13	-	-	-	-	*	*
Ames (IA)	-	-	-	-	-	-	-	-	-
Anamosa (IA)	-	-	-	31	-	-	-	-	-
Arnold, Duane (IA)	-	-	-	-	428,684	-	-	-	-
Burlington (IA)	118,879	-	20	-	-	-	74	-	*
Centerville (IA)	-	-95	-	-	-	-	-	-	-
Dubuque (IA)	27,788	-8	610	-	-	-	16	*	8
Fox Lake (MN)	-	-15	-232	-	-	-	-	*	4
Grinnell (IA)	-	-	-99	-	-	-	-	-	*
Hills (MN)	-	-24	-	-	-	-	-	*	-
Iowa Falls (IA)	-	-	-	-1	-	-	-	-	-
Kapp, M L (IA)	93,583	-	148	-	-	-	63	-	2
Lansing (IA)	76,054	93	-	-	-	-	56	*	-
Lime Creek (IA)	-	347	-	-	-	-	-	1	-
Maquoketa (IA)	-	-	-	385	-	-	-	-	-
Marshalltown (IA)	-	769	-	-	-	-	-	2	-
Montgomery (MN)	-	-15	-	-	-	-	-	*	-
New Albin (IA)	-	-	-	-	-	-	-	-	-
Ottumwa (IA)	444,062	-	-	-	-	-	282	-	-
Prairie Creek (IA)	80,203	15	380	-	-	2,307	78	*	6
Red Cedar (IA)	-	-	-677	-	-	-	-	-	135
Sutherland (IA)	74,627	-	4,039	-	-	-	50	-	48
Imperial Irrigation Dist	**-**	**19**	**421**	**11,799**	**-**	**-**	**-**	**-**	**6**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	-	19	-	-	-	-	-	*	-
Coachella (CA)	-	-	261	-	-	-	-	-	4
Double Weir (CA)	-	-	-	-	-	-	-	-	-
Drop 2 (CA)	-	-	-	2,488	-	-	-	-	-
Drop 3 (CA)	-	-	-	2,043	-	-	-	-	-
Drop 4 (CA)	-	-	-	4,873	-	-	-	-	-
Drop No 1 (CA)	-	-	-	1,207	-	-	-	-	-
Drop No. 5 (CA)	-	-	-	537	-	-	-	-	-
E Highline (CA)	-	-	-	307	-	-	-	-	-
El Centro (CA)	-	-	-	-	-	-	-	-	-
Pilot Knob (CA)	-	-	-	274	-	-	-	-	-
Rockwood (CA)	-	-	160	-	-	-	-	-	2
Turnip (CA)	-	-	-	70	-	-	-	-	-
Independence (City of)	**9,578**	**-297**	**542**	**-**	**-**	**-**	**7**	**-**	**8**
Blue Valley (MO)	9,578	-	542	-	-	-	7	-	8
Jackson Square (MO)	-	-	-	-	-	-	-	-	-
Missouri City (MO)	-	-322	-	-	-	-	-	*	-
Station H (MO)	-	-	-	-	-	-	-	-	-
Station I (MO)	-	25	-	-	-	-	-	*	-
Indiana Michigan Power Co	**1,794,222**	**2,900**	**-**	**6,172**	**1,562,297**	**-**	**871**	**6**	**-**
Berrien Springs (MI)	-	-	-	1,995	-	-	-	-	-
Buchanan (MI)	-	-	-	1,092	-	-	-	-	-
Constantine (MI)	-	-	-	303	-	-	-	-	-
Cook, Donald C. (MI)	-	-	-	-	1,562,297	-	-	-	-
Elkhart (IN)	-	-	-	835	-	-	-	-	-
Fourth Street (IN)	-	-	-	-	-	-	-	-	-
Mottville (MI)	-	-	-	326	-	-	-	-	-
Rockport (IN)	1,160,844	1,887	-	-	-	-	611	4	-
Tanners Creek (IN)	633,378	1,013	-	-	-	-	261	2	-
Twin Branch (IN)	-	-	-	1,621	-	-	-	-	-
Indiana Mun Power Agency	**-**	**1**	**16**	**-**	**-**	**-**	**-**	**-**	**-**
Anderson (IN)	-	1	16	-	-	-	-	*	*
Indiana-Kentucky El Corp	**564,336**	**380**	**-**	**-**	**-**	**-**	**292**	**1**	**-**
Clifty Creek (IN)	564,336	380	-	-	-	-	292	1	-
Indianapolis Pwr & Lgt Co	**1,491,085**	**1,009**	**309**	**-**	**-**	**-**	**694**	**2**	**12**
Georgetown (IA)	-	-	115	-	-	-	-	-	5
Petersburg (IN)	1,046,036	937	-	-	-	-	483	2	-
Pritchard, H T (IN)	98,343	117	-	-	-	-	53	*	-
Stout, Elmer W (IN)	346,706	-45	194	-	-	-	159	*	7
International Bound & Water Comm	**-**	**-**	**-**	**-46**	**-**	**-**	**-**	**-**	**-**
Amistad (TX)	-	-	-	-73	-	-	-	-	-
Falcon (TX)	-	-	-	27	-	-	-	-	-
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)	**724,755**	**245,353**	**50,985**	**-**	**-**	**929**	**291**	**218**	**573**
Brandy Branch (FL)	-	-	15,596	-	-	-	-	-	185
Girvin Road (FL)	-	-	-	-	-	750	-	-	-
Kennedy, J D (FL)	-	289	-265	-	-	-	-	1	*
Northside (FL)	-	87,874	35,654	-	-	179	-	159	388
Southside (FL)	-	-	-	-	-	-	-	-	-
St. Johns River (FL)	724,755	157,190	-	-	-	-	291	57	-
Jamestown (City of)	**21,028**	**89**	**1,327**	**-**	**-**	**-**	**13**	**-**	**13**
Carlson, S A (NY)	21,028	89	1,327	-	-	-	13	*	13

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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	**-**	**1,859**	**1,240**	**-11,915**	**-**	**-**	**-**	**4**	**20**
Forked River (NJ)	-	1,859	1,240	-	-	-	-	4	20
Yards Creek (NJ)	-	-	-	-11,915	-	-	-	-	-
Kansas City (City of)	**229,354**	**88**	**318**	**-**	**-**	**-**	**158**	**-**	**6**
Kaw (KS)	-	-	-	-	-	-	-	-	-
Nearman Creek (KS)	147,002	88	-	-	-	-	105	*	-
Quindaro (KS)	82,352	-	318	-	-	-	53	-	6
Kansas City Pwr & Lgt Co	**2,041,587**	**1,102**	**-536**	**-**	**-**	**-**	**1,230**	**3**	**-**
Grand Ave (MO)	-	-	-	-	-	-	-	-	-
Hawthorn (MO)	350,448	-	-536	-	-	-	208	-	-
Iatan (MO)	487,649	312	-	-	-	-	279	1	-
La Cygne (KS)	972,378	278	-	-	-	-	592	1	-
Montrose (MO)	231,112	899	-	-	-	-	150	2	-
Northeast (MO)	-	-387	-	-	-	-	-	-	-
Kauai Electric Company	**-**	**14,750**	**-**	**-**	**-**	**-**	**-**	**26**	**-**
Port Allen (HI)	-	14,750	-	-	-	-	-	26	-
Kentucky Power Co	**126,832**	**8,825**	**-**	**-**	**-**	**-**	**49**	**14**	**-**
Big Sandy (KY)	126,832	8,825	-	-	-	-	49	14	-
Kentucky Utilities Co	**1,374,362**	**2,803**	**1,866**	**8,898**	**-**	**-**	**626**	**5**	**43**
Brown, E W (KY)	315,906	493	1,915	-	-	-	139	1	43
Dix Dam (KY)	-	-	-	8,900	-	-	-	-	-
Ghent (KY)	974,313	2,021	-	-	-	-	445	4	-
Green River (KY)	71,722	267	-	-	-	-	36	1	-
Haefling (KY)	-	-	-49	-	-	-	-	-	-
Lock 7 (KY)	-	-	-	-2	-	-	-	-	-
Pineville (KY)	-	-	-	-	-	-	-	-	-
Tyrone (KY)	12,421	22	-	-	-	-	7	*	-
Key West (City of)	**-**	**99**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Big Pine (FL)	-	2	-	-	-	-	-	*	-
Cudjoe (FL)	-	4	-	-	-	-	-	*	-
Key West (FL)	-	-	-	-	-	-	-	-	-
Stock Island (FL)	-	15	-	-	-	-	-	*	-
Stock Island D 1 (FL)	-	78	-	-	-	-	-	*	-
KeySpan Energy	**-**	**785,913**	**171,445**	**-**	**-**	**-**	**-**	**1,283**	**1,857**
Barrett, E F (NY)	-	46,596	83,275	-	-	-	-	79	885
Brookhaven (NY)	-	29,070	-	-	-	-	-	65	-
East Hampton (NY)	-	-31	-	-	-	-	-	-	-
Far Rockway (NY)	-	-	-353	-	-	-	-	-	*
Glenwood (NY)	-	-81	55,957	-	-	-	-	*	635
Holbrook (NY)	-	2,939	-	-	-	-	-	5	-
Montauk (NY)	-	-6	-	-	-	-	-	-	-
Northport (NY)	-	570,890	27,696	-	-	-	-	910	285
Port Jefferson (NY)	-	136,657	4,870	-	-	-	-	224	51
Shoreham (NY)	-	-59	-	-	-	-	-	*	-
Southhampton (NY)	-	-7	-	-	-	-	-	-	-
Southold (NY)	-	-18	-	-	-	-	-	-	-
West Babylon (NY)	-	-37	-	-	-	-	-	-	-
KG&E - Western Resources	**-**	**40,879**	**3,108**	**-**	**-**	**-**	**-**	**67**	**34**
Evans, Gordon (KS)	-	39,486	3,061	-	-	-	-	63	30
Gill, Murray (KS)	-	1,393	232	-	-	-	-	4	4
Neosho (KS)	-	-	-185	-	-	-	-	-	-
Kings River Conserv Dist	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pine Flat (CA)	-	-	-	-	-	-	-	-	-
Kissimmee (City of)	**-**	**5**	**64,999**	**-**	**-**	**-**	**-**	**-**	**704**
Cane Island (FL)	-	-	64,617	-	-	-	-	-	695
Kissimmee (FL)	-	5	382	-	-	-	-	*	8
KPL - Western Resources	**1,560,554**	**9,757**	**1,137**	**-**	**-**	**-**	**1,029**	**19**	**19**
Abilene (KS)	-	-	-58	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	-	7,822	548	-	-	-	-	16	11
Jeffrey (KS)	1,102,692	1,935	-	-	-	-	726	4	-
Lawrence (KS)	325,934	-	185	-	-	-	220	-	2
Tecumseh (KS)	131,928	-	462	-	-	-	83	-	6
Lafayette Util Sys (City)	**-**	**-**	**5,506**	**-**	**-**	**-**	**-**	**-**	**67**
Doc Bonin (LA)	-	-	5,506	-	-	-	-	-	67
Rodemacher (LA)	-	-	-	-	-	-	-	-	-
Lake Worth (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Smith, Tom G (FL)	-	-	-	-	-	-	-	-	-
Lakeland (City of)	**165,711**	**35,232**	**56,107**	**-**	**-**	**1,459**	**67**	**15**	**485**
Larsen Memorial (FL)	-	-322	-94	-	-	-	-	*	2
Mcintosh, C D (FL)	165,711	35,554	56,201	-	-	1,459	67	15	483
Lansing (City of)	**185,781**	**-**	**-**	**-**	**-**	**-**	**111**	**-**	**-**
Eckert Station (MI)	106,187	-	-	-	-	-	74	-	-
Erickson (MI)	79,594	-	-	-	-	-	38	-	-
Moores Park (MI)	-	-	-	-	-	-	-	-	-
Lincoln (City of)	**-**	**19**	**62**	**-**	**-**	**218**	**-**	**-**	**1**
Lincoln J Street (NE)	-	-	-	-	-	-	-	-	-
Rokeby (NE)	-	19	62	-	-	-	-	*	1
Salt Valley (NE)	-	-	-	-	-	218	-	-	-
Logansport (City of)	**10,673**	**-**	**-**	**-**	**-**	**-**	**8**	**-**	**-**
Logansport (IN)	10,673	-	-	-	-	-	8	-	-
Los Angeles (City of)	**1,224,878**	**700**	**251,664**	**64,164**	**-**	**-**	**492**	**1**	**2,587**
Big Pine Creek (CA)	-	-	-	346	-	-	-	-	-
Castaic (CA)	-	-	-	49,063	-	-	-	-	-
Control Gorge (CA)	-	-	-	904	-	-	-	-	-
Cottonwood (CA)	-	-	-	298	-	-	-	-	-
Division Creek (CA)	-	-	-	289	-	-	-	-	-
Foothill (CA)	-	-	-	1,371	-	-	-	-	-
Franklin Canyon (CA)	-	-	-	3,635	-	-	-	-	-
Haiwee (CA)	-	-	-	-85	-	-	-	-	-
Harbor (CA)	-	-	29,840	-	-	-	-	-	263
Haynes (CA)	-	-	132,725	-	-	-	-	-	1,421
Intermountain (UT)	1,224,878	700	-	-	-	-	492	1	-
Middle Gorge (CA)	-	-	-	917	-	-	-	-	-
Pleasant Valley (CA)	-	-	-	-8	-	-	-	-	-
San Fernando (CA)	-	-	-	-10	-	-	-	-	-
San Francisquito 1 (CA)	-	-	-	6,319	-	-	-	-	-
San Francisquito 2 (CA)	-	-	-	-2	-	-	-	-	-
Sawtelle (CA)	-	-	-	160	-	-	-	-	-
Scattergood (CA)	-	-	86,383	-	-	-	-	-	874
Upper Gorge (CA)	-	-	-	967	-	-	-	-	-
Valley (CA)	-	-	2,716	-	-	-	-	-	29
Louisiana Pwr & Light Co	**-**	**-**	**456,448**	**-**	**823,094**	**-**	**-**	**-**	**5,453**
Buras (LA)	-	-	-	-	-	-	-	-	-
Little Gypsy (LA)	-	-	62,164	-	-	-	-	-	533
Monroe (LA)	-	-	-	-	-	-	-	-	-
Nine Mile Point (LA)	-	-	292,282	-	-	-	-	-	3,792
Sterlington (LA)	-	-	66,765	-	-	-	-	-	702
Waterford (LA)	-	-	-	-	823,094	-	-	-	-
Waterford (LA)	-	-	35,237	-	-	-	-	-	426
Louisville Gas & Elec Co	**1,340,650**	**-**	**4,813**	**18,162**	**-**	**-**	**614**	**-**	**54**
Cane Run (KY)	297,255	-	1,106	-	-	-	140	-	13
Mill Creek (KY)	681,228	-	3,428	-	-	-	317	-	39
Ohio Falls (KY)	-	-	-	18,162	-	-	-	-	-
Paddys Run (KY)	-	-	279	-	-	-	-	-	3
Trimble County (KY)	362,167	-	-	-	-	-	158	-	-
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, December 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	**1,055,147**	**1,099**	**154,386**	**14,804**	**-**	**-**	**631**	**3**	**1,577**
Austin (TX)	-	-	-	2,338	-	-	-	-	-
Buchanan (TX)	-	-	-	710	-	-	-	-	-
Granite Shoals (TX)	-	-	-	2,176	-	-	-	-	-
Inks (TX)	-	-	-	239	-	-	-	-	-
Mansfield (TX)	-	-	-	7,866	-	-	-	-	-
Marble Falls (TX)	-	-	-	1,475	-	-	-	-	-
Sam Seymour (TX)	1,055,147	1,099	-	-	-	-	631	3	-
Sim Gideon (TX)	-	-	77,551	-	-	-	-	-	772
T. C. Ferguson (TX)	-	-	76,835	-	-	-	-	-	804
Lubbock (City of)	**-**	**-**	**40,925**	**-**	**-**	**-**	**-**	**-**	**405**
Cooke (TX)	-	-	2,449	-	-	-	-	-	32
LP&L Co GEN	-	-	14,338	-	-	-	-	-	150
Massengale (TX)	-	-	24,138	-	-	-	-	-	223
Madison Gas & Elec Co	**23,225**	**46**	**8,259**	**-**	**-**	**3,496**	**15**	**-**	**119**
Blount Street (WI)	23,225	-	4,197	-	-	1,069	15	-	62
Fitchburg (WI)	-	-	336	-	-	-	-	-	7
Marinette (WI)	-	46	3,585	-	-	-	-	*	47
Nine Springs (WI)	-	-	-	-	-	-	-	-	-
Sycamore (WI)	-	-	141	-	-	-	-	-	4
Wind Energy (WI)	-	-	-	-	-	2,427	-	-	-
Manitowoc (City of)	**16,000**	**7,550**	**96**	**-**	**-**	**-**	**10**	**4**	**1**
Custer St (WI)	-	-	-	-	-	-	-	-	-
Manitowoc (WI)	16,000	7,550	96	-	-	-	10	4	1
Marquette (City of)	**31,185**	**2,373**	**-**	**1,098**	**-**	**-**	**21**	**6**	**-**
Plant Four (MI)	-	2,319	-	-	-	-	-	6	-
Plant Two (MI)	-	-	-	827	-	-	-	-	-
Russell, Frank J (MI)	-	-	-	271	-	-	-	-	-
Shiras (MI)	31,185	54	-	-	-	-	21	*	-
Marshall (City of)	**1,381**	**-47**	**-63**	**-**	**-**	**143**	**1**	**-**	**-**
Marshall (MO)	1,381	-47	-63	-	-	143	1	-	*
Mass Mun Wholesale Elec	**-**	**2,776**	**-**	**-**	**-**	**-**	**-**	**6**	**-**
Stonybrook (MA)	-	2,776	-	-	-	-	-	6	-
Maui Electric Co Ltd	**-**	**95,328**	**-**	**-**	**-**	**-**	**-**	**165**	**-**
Cook (HI)	-	3,280	-	-	-	-	-	5	-
Kahului (HI)	-	19,948	-	-	-	-	-	45	-
Maalaea (HI)	-	69,652	-	-	-	-	-	110	-
Miki Basin (HI)	-	2,448	-	-	-	-	-	4	-
Mcpherson (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
McPherson 3 (KS)	-	-	-	-	-	-	-	-	-
Plant No. 2 (KS)	-	-	-	-	-	-	-	-	-
Medina Electric Coop Inc	**-**	**-**	**2,108**	**-**	**-**	**-**	**-**	**-**	**30**
Pearsall (TX)	-	-	2,108	-	-	-	-	-	30
Merced Irrigation Dist	**-**	**-**	**-**	**3,720**	**-**	**-**	**-**	**-**	**-**
Canal Creek (CA)	-	-	-	-	-	-	-	-	-
Exchequer (CA)	-	-	-	3,737	-	-	-	-	-
Fairfield (CA)	-	-	-	-	-	-	-	-	-
Mcswain (CA)	-	-	-	-17	-	-	-	-	-
Parker (CA)	-	-	-	-	-	-	-	-	-
Michigan So Cent Pwr Agen	**26,943**	**1,856**	**-**	**-**	**-**	**-**	**14**	**1**	**-**
Endicott (MI)	26,943	1,856	-	-	-	-	14	1	-
MidAmerican Energy	**1,918,194**	**2**	**5,433**	**2,477**	**-**	**-**	**1,157**	**-**	**69**
Coralville (IA)	-	-34	-33	-	-	-	-	-	-
Council Bluffs (IA)	567,275	22	405	-	-	-	336	*	4
Electrifarm (IA)	-	-	115	-	-	-	-	-	5
George Neal South (IA)	376,774	114	-	-	-	-	221	*	-
Louisa (IA)	401,239	1	1,621	-	-	-	243	*	17
Moline (IL)	-	-	-	2,477	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	519,775	-	1,813	-	-	-	313	-	19
Parr (IA)	-	-38	-38	-	-	-	-	-	-
Pleasant Hill (IA)	-	-9	-	-	-	-	-	*	-
River Hills (IA)	-	-	-156	-	-	-	-	-	*
Riverside (IA)	53,131	-	1,760	-	-	-	44	-	25
Sycamore (IA)	-	-54	-54	-	-	-	-	-	-
Minnesota Power Inc	**728,951**	**539**	**-**	**32,267**	**-**	**-**	**440**	**1**	**-**
Blanchard (MN)	-	-	-	7,032	-	-	-	-	-
Boswell (MN)	673,906	465	-	-	-	-	403	1	-
Fond Du Lac (MN)	-	-	-	3,401	-	-	-	-	-
Hibbard, M L (MN)	-	-	-	-	-	-	-	-	-
Knife Falls (MN)	-	-	-	617	-	-	-	-	-
Laskin (MN)	55,045	74	-	-	-	-	37	*	-
Little Falls (MN)	-	-	-	3,087	-	-	-	-	-
Pillager (MN)	-	-	-	586	-	-	-	-	-
Prairie River (MN)	-	-	-	172	-	-	-	-	-
Scanlon (MN)	-	-	-	527	-	-	-	-	-
Sylvan (MN)	-	-	-	746	-	-	-	-	-
Thompson (MN)	-	-	-	15,009	-	-	-	-	-
Winton (MN)	-	-	-	1,090	-	-	-	-	-
Minnkota Power Coop Inc	**473,316**	**2,979**	**-**	**-**	**-**	**-**	**400**	**5**	**-**
Young, Milton R (ND)	473,316	2,979	-	-	-	-	400	5	-
Mississippi Power Co	**1,676,979**	**-**	**433,462**	**-**	**-**	**-**	**630**	**-**	**6,523**
Daniel, Victor J Jr. (MS)	1,253,358	-	297,016	-	-	-	482	-	3,550
Eaton (MS)	-	-	-100	-	-	-	-	-	-
Standard Oil (MS)	-	-	109,696	-	-	-	-	-	2,742
Sweatt (MS)	-	-	-81	-	-	-	-	-	1
Watson (MS)	423,621	-	26,931	-	-	-	148	-	230
Mississippi Pwr & Lgt Co	**-**	**9**	**199,004**	**-**	**-**	**-**	**-**	**-**	**2,207**
Andrus (MS)	-	-	-	-	-	-	-	-	-
Brown, Rex (MS)	-	9	14,662	-	-	-	-	*	238
Delta (MS)	-	-	7,298	-	-	-	-	-	106
Wilson, B (MS)	-	-	177,044	-	-	-	-	-	1,863
Missouri Basin Mun Pwr Agency	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Watertown (SD)	-	-	-	-	-	-	-	-	-
Modesto Irrigation Dist	**-**	**1,116**	**24,076**	**195**	**-**	**-**	**-**	**3**	**222**
McClure (CA)	-	1,116	388	-	-	-	-	3	8
New Hogan (CA)	-	-	-	197	-	-	-	-	-
Stone Drop (CA)	-	-	-	-2	-	-	-	-	-
Woodland (CA)	-	-	23,688	-	-	-	-	-	214
Monongahela Power Co	**253,190**	**624**	**299**	**-**	**-**	**345**	**115**	**1**	**3**
Albright (WV)	119,251	482	-	-	-	-	54	1	-
Rivesville (WV)	32,650	142	-	-	-	-	18	*	-
Willow Island (WV)	101,289	-	299	-	-	345	44	-	3
Montana Dakota Utils Co	**84,315**	**-**	**212**	**-**	**-**	**-**	**83**	**-**	**4**
Glendive (MT)	-	-	232	-	-	-	-	-	4
Heskett (ND)	52,952	-	-	-	-	-	52	-	-
Lewis & Clark (MT)	31,363	-	1	-	-	-	31	-	*
Miles City (MT)	-	-	-12	-	-	-	-	-	*
Williston (ND)	-	-	-9	-	-	-	-	-	-
Morgan (City of)	**-**	**-**	**6,796**	**-**	**-**	**-**	**-**	**-**	**97**
Morgan City (LA)	-	-	6,796	-	-	-	-	-	97
Muscatine (City of)	**128,225**	**2**	**2,009**	**-**	**-**	**-**	**104**	**-**	**29**
Muscatine (IA)	128,225	2	2,009	-	-	-	104	*	29
Nebraska Pub Power Dist	**968,167**	**250**	**1,883**	**6,697**	**561,208**	**-**	**599**	**-**	**19**
Canaday (NE)	-	-	-	-	-	-	-	-	-
Columbus (NE)	-	-	-	3,512	-	-	-	-	-
Cooper (NE)	-	-	-	-	561,208	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	-	13	7	-	-	-	-	*	*
Gentleman (NE)	829,571	-	1,829	-	-	-	511	-	19
Hallam (NE)	-	49	6	-	-	-	-	*	*
Hebron (NE)	-	117	-	-	-	-	-	*	-
Kearney (NE)	-	-	-	-	-	-	-	-	-
Lodgepole (NE)	-	-	-	-	-	-	-	-	-
Lyons (NE)	-	3	-	-	-	-	-	*	-
Madison (NE)	-	1	1	-	-	-	-	*	*
Mc Cook (NE)	-	51	-	-	-	-	-	*	-
Minnechaduza (NE)	-	-	-	-	-	-	-	-	-
Monroe (NE)	-	-	-	876	-	-	-	-	-
North Platte (NE)	-	-	-	1,186	-	-	-	-	-
Ord (NE)	-	11	5	-	-	-	-	*	*
Sheldon (NE)	138,596	-	35	-	-	-	88	-	*
Spencer (NE)	-	-	-	1,123	-	-	-	-	-
Sutherland (NE)	-	3	-	-	-	-	-	*	-
Wakefield (NE)	-	2	-	-	-	-	-	*	-
Nevada Irrigation Dist	**-**	**-**	**-**	**22,265**	**-**	**-**	**-**	**-**	**-**
Bowman (CA)	-	-	-	464	-	-	-	-	-
Chicago Park (CA)	-	-	-	11,642	-	-	-	-	-
Combie No (CA)	-	-	-	36	-	-	-	-	-
Combie So (CA)	-	-	-	485	-	-	-	-	-
Dutch Flat No.2 (CA)	-	-	-	2,845	-	-	-	-	-
Rollins (CA)	-	-	-	6,793	-	-	-	-	-
Scott Flat (CA)	-	-	-	-	-	-	-	-	-
Nevada Power Co	**358,206**	**1,194**	**253,401**	**-**	**-**	**-**	**169**	**2**	**2,231**
Clark (NV)	-	-	253,401	-	-	-	-	-	2,231
Gardner, Reid (NV)	358,206	1,194	-	-	-	-	169	2	-
Sun Peak (NV)	-	-	-	-	-	-	-	-	-
Sunrise (NV)	-	-	-	-	-	-	-	-	*
New Orleans Pub Serv Inc	**-**	**-**	**161,100**	**-**	**-**	**-**	**-**	**-**	**1,778**
Michoud (LA)	-	-	161,100	-	-	-	-	-	1,778
Paterson, A B (LA)	-	-	-	-	-	-	-	-	-
New Ulm (City of)	**-**	**18**	**1,274**	**-**	**-**	**-**	**-**	**-**	**40**
New Ulm (MN)	-	18	1,274	-	-	-	-	*	40
Northern Ind Pub Serv Co	**1,102,659**	**1,212**	**4,347**	**1,786**	**-**	**-**	**595**	**-**	**56**
Bailly (IN)	286,611	-	318	-	-	-	136	-	4
Michigan City (IN)	267,688	-	326	-	-	-	152	-	3
Mitchell, Dean H (IN)	-	-	-	-	-	-	-	-	-
Norway (IN)	-	-	-	640	-	-	-	-	-
Oakdale (IN)	-	-	-	1,146	-	-	-	-	-
Schahfer, R. M. (IN)	548,360	1,212	3,703	-	-	-	306	*	49
Northern States Power Co	**2,210,481**	**64,990**	**8,377**	**60,884**	**1,162,688**	**44,503**	**1,291**	**24**	**118**
Angus Anson (SD)	-	-	-228	-	-	-	-	-	5
Apple River (WI)	-	-	-	1,558	-	-	-	-	-
Bay Front (WI)	10,491	-	847	-	-	16,684	7	-	12
Big Falls (WI)	-	-	-	2,674	-	-	-	-	-
Black Dog (MN)	136,532	-	6,120	-	-	-	86	-	69
Blue Lake (MN)	-	-253	-	-	-	-	-	-	-
Cedar Falls (WI)	-	-	-	2,973	-	-	-	-	-
Chippewa Falls (WI)	-	-	-	2,973	-	-	-	-	-
Cornell (WI)	-	-	-	5,456	-	-	-	-	-
Dells (WI)	-	-	-	3,543	-	-	-	-	-
Flambeau (WI)	-	-	-63	-	-	-	-	-	*
French Island (WI)	-	-126	16	-	-	6,543	-	-	*
Granite City (MN)	-	18	9	-	-	-	-	*	*
Hayward (WI)	-	-	-	127	-	-	-	-	-
Hennepin Island (MN)	-	-	-	4,306	-	-	-	-	-
High Bridge (MN)	135,496	-	377	-	-	-	79	-	4
Holcombe (WI)	-	-	-	6,102	-	-	-	-	-
Inver Hills (MN)	-	-	369	-	-	-	-	-	8
Jim Falls (WI)	-	-	-	7,858	-	-	-	-	-
Key City (MN)	-	-56	-	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	315,577	46,349	9	-	-	-	173	16	*
Ladysmith (WI)	-	-	-	785	-	-	-	-	-
Menomonie (WI)	-	-	-	2,035	-	-	-	-	-
Minnesota Valley (MN)	-	-	-48	-	-	-	-	-	-
Monticello (MN)	-	-	-	-	438,164	-	-	-	-
Pathfinder (SD)	-	-	-116	-	-	-	-	-	-
Prairie Island (MN)	-	-	-	-	724,524	-	-	-	-
Redwing (MN)	-	-	187	-	-	9,559	-	-	3
Riverdale (WI)	-	-	-	322	-	-	-	-	-
Riverside (MN)	201,299	18,497	76	-	-	-	119	7	1
Saxon Falls (MI)	-	-	-	1,145	-	-	-	-	-
Sherburne County (MN)	1,411,086	392	-	-	-	-	827	1	-
St Croix Falls (WI)	-	-	-	7,430	-	-	-	-	-
Superior Falls (MI)	-	-	-	1,316	-	-	-	-	-
Thornapple (WI)	-	-	-	472	-	-	-	-	-
Trego (WI)	-	-	-	613	-	-	-	-	-
West Faribault (MN)	-	-	-22	-	-	-	-	-	-
Wheaton (WI)	-	169	715	-	-	-	-	1	13
White River (WI)	-	-	-	342	-	-	-	-	-
Wilmarth (MN)	-	-	129	-	-	11,717	-	-	2
Wissota (WI)	-	-	-	8,854	-	-	-	-	-
Northwestern Pub Serv Co	**-**	**-38**	**-6**	**-**	**-**	**-**	**-**	**-**	**1**
Aberdeen (SD)	-	-18	-	-	-	-	-	-	-
Clark (SD)	-	-9	-	-	-	-	-	*	-
Faulkton (SD)	-	-	-	-	-	-	-	-	-
Highmore (SD)	-	-	-	-	-	-	-	-	-
Huron (SD)	-	-	-6	-	-	-	-	-	1
Mobile (SD)	-	-4	-	-	-	-	-	*	-
Redfield (SD)	-	-	-	-	-	-	-	*	-
Webster (SD)	-	-7	-	-	-	-	-	-	-
Yankton New (SD)	-	-	-	-	-	-	-	-	-
Oakdale South San Joaquin	**-**	**-**	**-**	**18,869**	**-**	**-**	**-**	**-**	**-**
Beardsley (CA)	-	-	-	4,113	-	-	-	-	-
Donnels (CA)	-	-	-	8,318	-	-	-	-	-
Tulloch (CA)	-	-	-	6,438	-	-	-	-	-
Oglethorpe Power Corp	**-**	**-**	**6,208**	**-38,876**	**-**	**-**	**-**	**-**	**76**
Rocky Mountain (GA)	-	-	-	-38,887	-	-	-	-	-
Sewell Creek Energy (GA)	-	-	102	-	-	-	-	-	3
Smarr Energy (GA)	-	-	6,270	-	-	-	-	-	73
Talbot (GA)	-	-	-164	-	-	-	-	-	-
Tallassee (GA)	-	-	-	11	-	-	-	-	-
Ohio Edison Co	**1,152,823**	**287**	**-505**	**-**	**-**	**-**	**456**	**-**	**-**
Burger, R E (OH)	164,795	110	-	-	-	-	72	*	-
Edgewater (OH)	-	-	-43	-	-	-	-	-	-
Mad River (OH)	-	-69	-	-	-	-	-	-	-
Sammis (OH)	988,028	246	-	-	-	-	385	*	-
West Lorain (OH)	-	-	-462	-	-	-	-	-	-
Ohio Power Co	**3,399,182**	**8,018**	**-**	**10,519**	**-**	**-**	**1,456**	**14**	**-**
Gavin, Gen J M (OH)	1,617,504	947	-	-	-	-	751	2	-
Kammer (WV)	362,540	469	-	-	-	-	139	1	-
Mitchell (WV)	731,917	5,318	-	-	-	-	284	9	-
Muskingum River (OH)	687,221	1,284	-	-	-	-	282	2	-
Racine (OH)	-	-	-	10,519	-	-	-	-	-
Ohio Valley Elec Corp	**574,662**	**759**	**-**	**-**	**-**	**-**	**224**	**1**	**-**
Kyger Creek (OH)	574,662	759	-	-	-	-	224	1	-
Oklahoma Gas & Elec Co	**1,616,772**	**5**	**253,285**	**-**	**-**	**-**	**978**	**-**	**2,796**
Conoco (OK)	-	-	42,940	-	-	-	-	-	399
Enid (OK)	-	-	-	-	-	-	-	-	-
Horseshoe Lake (OK)	-	-	1,008	-	-	-	-	-	11
Muskogee (OK)	942,840	-	1,905	-	-	-	583	-	25
Mustang (OK)	-	-	86,008	-	-	-	-	-	905
Seminole (OK)	-	-	121,424	-	-	-	-	-	1,456

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	673,932	5	-	-	-	-	395	*	-
Woodward (OK)	-	-	-	-	-	-	-	-	-
Oklahoma Mun Power Authority	**-**	**-**	**-**	**1,890**	**-**	**-**	**-**	**-**	**-**
Kaw Hydro (OK)	-	-	-	1,890	-	-	-	-	-
Ponca Steam (OK)	-	-	-	-	-	-	-	-	-
Ponca Steam (OK)	-	-	-	-	-	-	-	-	-
Omaha Public Power Dist	**743,426**	**432**	**7,653**	**-**	**364,577**	**-**	**435**	**1**	**85**
Fort Calhoun (NE)	-	-	-	-	364,577	-	-	-	-
Jones Street (NE)	-	154	-	-	-	-	-	*	-
Nebraska City (NE)	435,065	48	-	-	-	-	245	*	-
North Omaha (NE)	308,361	-	7,523	-	-	-	190	-	82
Sarpy (NE)	-	230	130	-	-	-	-	1	3
Orlando (City of)	**603,677**	**357**	**5,377**	**-**	**-**	**9,712**	**241**	**1**	**74**
Indian River (FL)	-	16	5,377	-	-	-	-	*	74
St Cloud (FL)	-	-	-	-	-	-	-	-	-
Stanton (FL)	603,677	341	-	-	-	9,712	241	1	-
Oroville Wyandotte I Dist	**-**	**-**	**-**	**51,038**	**-**	**-**	**-**	**-**	**-**
Forbestown (CA)	-	-	-	16,874	-	-	-	-	-
Kelly Ridge (CA)	-	-	-	8,156	-	-	-	-	-
Sly Creek (CA)	-	-	-	1,999	-	-	-	-	-
Woodleaf (CA)	-	-	-	24,009	-	-	-	-	-
Orrville (City of)	**23,679**	**-**	**54**	**-**	**-**	**-**	**13**	**-**	**1**
Orrville (OH)	23,679	-	54	-	-	-	13	-	1
Otter Tail Power Co	**640,821**	**596**	**-**	**1,640**	**-**	**-**	**451**	**1**	**-**
Bemidji (MN)	-	-	-	33	-	-	-	-	-
Big Stone (SD)	316,126	7	-	-	-	-	197	*	-
Coyote (ND)	255,699	488	-	-	-	-	212	1	-
Dayton Hollow (MN)	-	-	-	486	-	-	-	-	-
Hoot Lake (MN)	68,996	75	-	459	-	-	42	*	-
Jamestown (ND)	-	11	-	-	-	-	-	*	-
Lake Preston (SD)	-	15	-	-	-	-	-	*	-
Pisgah (MN)	-	-	-	272	-	-	-	-	-
Taplin Gorge (MN)	-	-	-	390	-	-	-	-	-
Wright (MN)	-	-	-	-	-	-	-	-	-
Owensboro (City of)	**166,409**	**1,188**	**-**	**-**	**-**	**-**	**89**	**3**	**-**
Elmer Smith (KY)	166,409	1,188	-	-	-	-	89	3	-
Pacific Gas & Electric Co	**-**	**1,576**	**135,655**	**885,273**	**1,220,974**	**-**	**-**	**3**	**1,472**
Alta (CA)	-	-	-	344	-	-	-	-	-
Balch 1 (CA)	-	-	-	4,640	-	-	-	-	-
Balch 2 (CA)	-	-	-	31,695	-	-	-	-	-
Belden (CA)	-	-	-	22,512	-	-	-	-	-
Black, James B (CA)	-	-	-	63,794	-	-	-	-	-
Bucks Creek (CA)	-	-	-	25,269	-	-	-	-	-
Butt Valley (CA)	-	-	-	6,806	-	-	-	-	-
Caribou 1 (CA)	-	-	-	4,007	-	-	-	-	-
Caribou 2 (CA)	-	-	-	34,582	-	-	-	-	-
Centerville (CA)	-	-	-	42	-	-	-	-	-
Chili Bar (CA)	-	-	-	1,746	-	-	-	-	-
Coal Canyon (CA)	-	-	-	-	-	-	-	-	-
Coleman (CA)	-	-	-	6,385	-	-	-	-	-
Cow Creek (CA)	-	-	-	858	-	-	-	-	-
Crane Valley (CA)	-	-	-	295	-	-	-	-	-
Cresta (CA)	-	-	-	32,684	-	-	-	-	-
De Sabla (CA)	-	-	-	6,062	-	-	-	-	-
Deer Creek (CA)	-	-	-	1,262	-	-	-	-	-
Diablo Canyon (CA)	-	-	-	-	1,220,974	-	-	-	-
Downieville (CA)	-	-	-	-	-	-	-	-	-
Drum 1 (CA)	-	-	-	2,142	-	-	-	-	-
Drum 2 (CA)	-	-	-	23,306	-	-	-	-	-
Dutch Flat (CA)	-	-	-	9,950	-	-	-	-	-
Electra (CA)	-	-	-	35,207	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	-	-	-	30,410	-	-	-	-	-
Halsey (CA)	-	-	-	4,045	-	-	-	-	-
Hamilton Branch (CA)	-	-	-	1,693	-	-	-	-	-
Hat Creek 1 (CA)	-	-	-	3,696	-	-	-	-	-
Hat Creek 2 (CA)	-	-	-	3,097	-	-	-	-	-
Helms (CA)	-	-	-	-15,883	-	-	-	-	-
Humbolt Bay (CA)	-	1,363	27,166	-	-	-	-	3	370
Hunters Point (CA)	-	213	108,489	-	-	-	-	*	1,102
Inskip (CA)	-	-	-	3,679	-	-	-	-	-
Kerckhoff (CA)	-	-	-	1,763	-	-	-	-	-
Kerckhoff 2 (CA)	-	-	-	18,037	-	-	-	-	-
Kern Canyon (CA)	-	-	-	4,171	-	-	-	-	-
Kilarc (CA)	-	-	-	1,159	-	-	-	-	-
Kings River (CA)	-	-	-	11,493	-	-	-	-	-
Lime Saddle (CA)	-	-	-	509	-	-	-	-	-
Merced Falls (CA)	-	-	-	-	-	-	-	-	-
Mobile Turbine (CA)	-	-	-	-	-	-	-	-	-
Narrows (CA)	-	-	-	1,575	-	-	-	-	-
Newcastle (CA)	-	-	-	4,226	-	-	-	-	-
Oak Flat (CA)	-	-	-	296	-	-	-	-	-
Phoenix (CA)	-	-	-	457	-	-	-	-	-
Pit 1 (CA)	-	-	-	25,895	-	-	-	-	-
Pit 3 (CA)	-	-	-	35,033	-	-	-	-	-
Pit 4 (CA)	-	-	-	43,271	-	-	-	-	-
Pit 5 (CA)	-	-	-	77,247	-	-	-	-	-
Pit 6 (CA)	-	-	-	34,493	-	-	-	-	-
Pit 7 (CA)	-	-	-	48,325	-	-	-	-	-
Poe (CA)	-	-	-	46,747	-	-	-	-	-
Potter Valley (CA)	-	-	-	2,517	-	-	-	-	-
PVUSA 1 (CA)	-	-	-	-	-	-	-	-	-
Rock Creek (CA)	-	-	-	48,874	-	-	-	-	-
Salt Springs (CA)	-	-	-	22,338	-	-	-	-	-
San Joaquin 3 (CA)	-	-	-	1,616	-	-	-	-	-
San Joaquin No. 1a (CA)	-	-	-	165	-	-	-	-	-
San Joaquin No. 2 (CA)	-	-	-	1,267	-	-	-	-	-
South (CA)	-	-	-	3,008	-	-	-	-	-
Spaulding No. 1 (CA)	-	-	-	1,715	-	-	-	-	-
Spaulding No. 2 (CA)	-	-	-	352	-	-	-	-	-
Spaulding No. 3 (CA)	-	-	-	2,106	-	-	-	-	-
Spring Gap (CA)	-	-	-	3,605	-	-	-	-	-
Stanislaus (CA)	-	-	-	40,755	-	-	-	-	-
Tiger Creek (CA)	-	-	-	30,023	-	-	-	-	-
Toadtown (CA)	-	-	-	271	-	-	-	-	-
Tule River (CA)	-	-	-	1,893	-	-	-	-	-
Volta (CA)	-	-	-	3,312	-	-	-	-	-
Volta 2 (CA)	-	-	-	390	-	-	-	-	-
West Point (CA)	-	-	-	8,358	-	-	-	-	-
Wise (CA)	-	-	-	6,876	-	-	-	-	-
Wishon, A G (CA)	-	-	-	6,810	-	-	-	-	-
Pacificorp	**4,048,785**	**4,747**	**40,642**	**241,631**	**-**	**17,720**	**2,199**	**8**	**474**
American Fork (UT)	-	-	-	364	-	-	-	-	-
Ashton (ID)	-	-	-	1,434	-	-	-	-	-
Beaver Upper (UT)	-	-	-	231	-	-	-	-	-
Bend (OR)	-	-	-	80	-	-	-	-	-
Big Fork (MT)	-	-	-	1,490	-	-	-	-	-
Blundell (UT)	-	-	-	-	-	17,720	-	-	-
Bridger, Jim (WY)	1,388,709	1,020	-	-	-	-	779	2	-
Carbon (UT)	115,040	79	-	-	-	-	55	*	-
Clearwater 1 (OR)	-	-	-	3,522	-	-	-	-	-
Clearwater 2 (OR)	-	-	-	2,791	-	-	-	-	-
Cline Falls (OR)	-	-	-	396	-	-	-	-	-
Condit (WA)	-	-	-	4,798	-	-	-	-	-
Copco 1 (CA)	-	-	-	4,260	-	-	-	-	-
Copco 2 (CA)	-	-	-	5,566	-	-	-	-	-
Cove (ID)	-	-	-	546	-	-	-	-	-
Cutler (UT)	-	-	-	3,609	-	-	-	-	-
Eagle Point (OR)	-	-	-	1,657	-	-	-	-	-
East Side (OR)	-	-	-	-439	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	-	-	-	981	-	-	-	-	-
Fish Creek (OR)	-	-	-	2,028	-	-	-	-	-
Ftn Green (UT)	-	-	-	44	-	-	-	-	-
Gadsby (UT)	-	-	29,185	-	-	-	-	-	298
Grace (ID)	-	-	-	2,479	-	-	-	-	-
Granite (UT)	-	-	-	271	-	-	-	-	-
Hunter (emery) (UT)	815,742	1,260	-	-	-	-	378	2	-
Huntington Canyon (UT)	503,357	2,108	-	-	-	-	229	4	-
Hydro No. 1 (UT)	-	-	-	-	-	-	-	-	-
Hydro No. 2 (UT)	-	-	-	-	-	-	-	-	-
Hydro No. 3 (UT)	-	-	-	-	-	-	-	-	-
Iron Gate (CA)	-	-	-	6,334	-	-	-	-	-
John C Boyle (OR)	-	-	-	10,486	-	-	-	-	-
Johnston, Dave (WY)	496,558	206	-	-	-	-	334	*	-
Last Chance (UT)	-	-	-	107	-	-	-	-	-
Lemolo 1 (OR)	-	-	-	7,549	-	-	-	-	-
Lemolo 2 (OR)	-	-	-	5,734	-	-	-	-	-
Little Mountain (UT)	-	-	11,200	-	-	-	-	-	173
Merwin (WA)	-	-	-	45,010	-	-	-	-	-
Naches (WA)	-	-	-	-	-	-	-	-	-
Naches Drop (WA)	-	-	-	-53	-	-	-	-	-
Naughton (WY)	491,932	-	257	-	-	-	250	-	2
Olmstead (UT)	-	-	-	-	-	-	-	-	-
Oneida (ID)	-	-	-	34	-	-	-	-	-
Paris (ID)	-	-	-	35	-	-	-	-	-
Pioneer (UT)	-	-	-	-	-	-	-	-	-
Powerdale (OR)	-	-	-	1,932	-	-	-	-	-
Prospect 1 (OR)	-	-	-	-	-	-	-	-	-
Prospect 2 (OR)	-	-	-	4,784	-	-	-	-	-
Prospect 3 (OR)	-	-	-	1,139	-	-	-	-	-
Prospect 4 (OR)	-	-	-	-	-	-	-	-	-
Skookumchuck (WA)	-	-	-	-	-	-	-	-	-
Slide Creek (OR)	-	-	-	5,068	-	-	-	-	-
Snake Creek (UT)	-	-	-	124	-	-	-	-	-
Soda (ID)	-	-	-	-230	-	-	-	-	-
Soda Springs (OR)	-	-	-	4,326	-	-	-	-	-
St Anthony (ID)	-	-	-	-4	-	-	-	-	-
Stairs (UT)	-	-	-	133	-	-	-	-	-
Swift 1 (WA)	-	-	-	52,070	-	-	-	-	-
Swift No. 2 (WA)	-	-	-	-	-	-	-	-	-
Toketee (OR)	-	-	-	13,053	-	-	-	-	-
Viva (WY)	-	-	-	-106	-	-	-	-	-
Wallowa Falls (OR)	-	-	-	279	-	-	-	-	-
Weber (UT)	-	-	-	56	-	-	-	-	-
West Side (OR)	-	-	-	-3	-	-	-	-	-
Wyodak (WY)	237,447	74	-	-	-	-	175	*	-
Yale (WA)	-	-	-	47,666	-	-	-	-	-
Painesville (City of)	**12,257**	**-**	**20**	**-**	**-**	**-**	**7**	**-**	**-**
Painesville (OH)	12,257	-	20	-	-	-	7	-	*
Pasadena (City of)	**-**	**-**	**5,281**	**902**	**-**	**-**	**-**	**-**	**65**
Azusa (CA)	-	-	-	902	-	-	-	-	-
Broadway (CA)	-	-	4,746	-	-	-	-	-	58
Glenarm (CA)	-	-	535	-	-	-	-	-	8
Peabody (City of)	**-**	**4**	**14**	**-**	**-**	**-**	**-**	**-**	**-**
Waters River (MA)	-	4	14	-	-	-	-	*	*
Pend Oreille Pub Util D#1	**-**	**-**	**-**	**36,521**	**-**	**-**	**-**	**-**	**-**
Box Canyon (WA)	-	-	-	36,264	-	-	-	-	-
Calispel Creek (WA)	-	-	-	257	-	-	-	-	-
Pennsylvania Power Co	**1,657,922**	**758**	**-**	**-**	**1,242,688**	**-**	**643**	**1**	**-**
Beaver Valley (PA)	-	-	-	-	1,242,688	-	-	-	-
Mansfield, Bruce (PA)	1,657,922	758	-	-	-	-	643	1	-
Piqua (City of)	**-**	**-142**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Piqua (OH)	-	-142	-	-	-	-	-	*	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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	**-**	**-**	**-**	**48,534**	**-**	**-**	**-**	**-**	**-**
French Meadows (CA)	-	-	-	3,720	-	-	-	-	-
Hell Hole (CA)	-	-	-	258	-	-	-	-	-
Middle Fork (CA)	-	-	-	22,306	-	-	-	-	-
Oxbow (CA)	-	-	-	1,837	-	-	-	-	-
Ralston (CA)	-	-	-	20,413	-	-	-	-	-
Platte River Power Auth	**192,533**	**59**	**-**	**-**	**-**	**2,115**	**113**	**-**	**-**
Medicine Bow (WY)	-	-	-	-	-	2,115	-	-	-
Rawhide (CO)	192,533	59	-	-	-	-	113	*	-
Portland General Elec Co	**411,090**	**171**	**205,111**	**174,828**	**-**	**-**	**231**	**-**	**1,322**
Beaver (OR)	-	23	46,533	-	-	-	-	*	292
Boardman (OR)	411,090	148	-	-	-	-	231	*	-
Bull Run (OR)	-	-	-	5,879	-	-	-	-	-
Coyote Springs (OR)	-	-	158,578	-	-	-	-	-	1,030
Faraday (OR)	-	-	-	11,310	-	-	-	-	-
North Fork (OR)	-	-	-	11,058	-	-	-	-	-
Oak Grove (OR)	-	-	-	-	-	-	-	-	-
Pelton (OR)	-	-	-	34,676	-	-	-	-	-
Pelton Re Regulation (OR)	-	-	-	6,700	-	-	-	-	-
Portland Hydro Proj 1 (OR)	-	-	-	4,727	-	-	-	-	-
Portland Hydro Proj 2 (OR)	-	-	-	-	-	-	-	-	-
River Mill (OR)	-	-	-	7,455	-	-	-	-	-
Round Butte (OR)	-	-	-	81,988	-	-	-	-	-
Sullivan (OR)	-	-	-	11,035	-	-	-	-	-
Power Authy of St of N Y	**-**	**116,891**	**291,725**	**1,660,123**	**-**	**-**	**-**	**189**	**2,563**
Ashokan (NY)	-	-	-	-	-	-	-	-	-
Blenheim (NY)	-	-	-	-42,894	-	-	-	-	-
Brentwood (NY)	-	-	5,874	-	-	-	-	-	62
Crescent (NY)	-	-	-	6,301	-	-	-	-	-
Flynn (NY)	-	-	111,257	-	-	-	-	-	736
Harlem (NY)	-	-	20,453	-	-	-	-	-	214
Hell Gate (NY)	-	-	21,165	-	-	-	-	-	221
Hinckley (NY)	-	-	-	2,721	-	-	-	-	-
Kensico (NY)	-	-	-	-	-	-	-	-	-
Lewiston (NY)	-	-	-	-24,214	-	-	-	-	-
Moses Niagara (NY)	-	-	-	1,215,300	-	-	-	-	-
Moses Power Dam (NY)	-	-	-	495,530	-	-	-	-	-
Poletti (NY)	-	116,891	125,336	-	-	-	-	189	1,250
Pouch (NY)	-	-	1,412	-	-	-	-	-	15
Vernon (NY)	-	-	6,228	-	-	-	-	-	66
Vischer Ferry (NY)	-	-	-	7,379	-	-	-	-	-
PSI Energy, Inc	**2,831,253**	**4,636**	**139,341**	**25,082**	**-**	**-**	**1,316**	**9**	**1,176**
Cayuga (IN)	570,501	115	962	-	-	-	266	*	11
Connersville (IN)	-	-23	-	-	-	-	-	-	-
Edwardsport (IN)	26,748	97	-	-	-	-	15	*	-
Gallagher, R (IN)	80,754	1,937	-	-	-	-	38	4	-
Gibson (IN)	1,764,484	2,076	-	-	-	-	808	4	-
Markland (IN)	-	-	-	25,082	-	-	-	-	-
Miami Wabash (IN)	-	-123	-	-	-	-	-	-	-
Noblesville (IN)	-440	-	-	-	-	-	-	-	-
Wabash River (IN)	389,206	557	138,379	-	-	-	189	1	1,164
Pub Serv Co of New Hamp	**357,813**	**134,602**	**9,397**	**21,573**	**-**	**-**	**143**	**247**	**103**
Amoskeag (NH)	-	-	-	6,816	-	-	-	-	-
Ayers Island (NH)	-	-	-	2,529	-	-	-	-	-
Canaan (VT)	-	-	-	615	-	-	-	-	-
Eastman Falls (NH)	-	-	-	1,383	-	-	-	-	-
Garvins Falls (NH)	-	-	-	2,882	-	-	-	-	-
Gorham (NH)	-	-	-	691	-	-	-	-	-
Hooksett (NH)	-	-	-	997	-	-	-	-	-
Jackman (NH)	-	-	-	1,036	-	-	-	-	-
Lost Nation (NH)	-	-4	-	-	-	-	-	*	-
Merrimack (NH)	276,643	23	-	-	-	-	104	*	-
Newington (NH)	-	129,311	9,397	-	-	-	-	235	103
Schiller (NH)	81,170	5,257	-	-	-	-	39	11	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	-	-	-	4,624	-	-	-	-	-
White Lake (NH)	-	15	-	-	-	-	-	*	-
Pub Serv Co of New Mexico	**1,080,235**	**3,498**	**2,312**	**-**	**-**	**-**	**600**	**6**	**27**
Las Vegas (NM)	-	-15	-	-	-	-	-	-	-
Reeves (NM)	-	-	2,312	-	-	-	-	-	27
San Juan (NM)	1,080,235	3,513	-	-	-	-	600	6	-
Public Service Co of Colo	**1,737,818**	**501**	**448,265**	**-4,915**	**-**	**5,622**	**954**	**3**	**3,429**
Alamosa (CO)	-	500	543	-	-	-	-	3	15
Ames (CO)	-	-	-	409	-	-	-	-	-
Arapahoe (CO)	93,178	-	9,205	-	-	-	65	-	121
Boulder Hydro (CO)	-	-	-	-	-	-	-	-	-
Cabin Creek (CO)	-	-	-	-14,177	-	-	-	-	-
Cameo (CO)	43,563	-	775	-	-	-	28	-	11
Cherokee (CO)	399,225	-	2,839	-	-	-	190	-	31
Comanche (CO)	430,785	-	270	-	-	-	258	-	3
Fort Lupton (CO)	-	-	-	-	-	-	-	-	-
Fort St. Vrain (CO)	-	-	433,399	-	-	-	-	-	3,234
Fruita (CO)	-	1	37	-	-	-	-	*	2
Georgetown Hydro (CO)	-	-	-	-	-	-	-	-	-
Hayden (CO)	334,428	-	-	-	-	-	166	-	-
Palisade Hydro (CO)	-	-	-	1,913	-	-	-	-	-
Pawnee (CO)	299,130	-	1,170	-	-	-	189	-	12
Ponnequin (CO)	-	-	-	-	-	5,622	-	-	-
Salida No. 1 Hydro (CO)	-	-	-	35	-	-	-	-	-
Salida No. 2 Hydro (CO)	-	-	-	30	-	-	-	-	-
Shoshone Hydro (CO)	-	-	-	5,164	-	-	-	-	-
Tacoma (CO)	-	-	-	1,711	-	-	-	-	-
Valmont (CO)	137,509	-	27	-	-	-	58	-	1
Zuni (CO)	-	-	-	-	-	-	-	-	-
Public Service Co of Okla	**605,728**	**-**	**322,401**	**-**	**-**	**-**	**355**	**-**	**3,380**
Comanche (OK)	-	-	123,610	-	-	-	-	-	1,142
Northeastern (OK)	605,728	-	1,267	-	-	-	355	-	13
Riverside (OK)	-	-	142,283	-	-	-	-	-	1,571
Southwestern (OK)	-	-	55,241	-	-	-	-	-	655
Tulsa (OK)	-	-	-	-	-	-	-	-	-
Weleetka (OK)	-	-	-	-	-	-	-	-	-
Puget Sound Pwr & Lgt Co	**-**	**68**	**83,809**	**80,459**	**-**	**-**	**-**	**-**	**984**
Crystal Mountain (WA)	-	18	-	-	-	-	-	*	-
Electron (WA)	-	-	-	8,079	-	-	-	-	-
Encogen (WA)	-	-	80,981	-	-	-	-	-	955
Frederickson (WA)	-	-	-	-	-	-	-	-	-
Fredonia (WA)	-	50	2,828	-	-	-	-	*	29
Lower Baker (WA)	-	-	-	24,540	-	-	-	-	-
Nooksack (WA)	-	-	-	-	-	-	-	-	-
Snoqualmie (WA)	-	-	-	17,725	-	-	-	-	-
South Whidbey (WA)	-	-	-	-	-	-	-	-	-
Upper Baker (WA)	-	-	-	21,489	-	-	-	-	-
White River (WA)	-	-	-	8,626	-	-	-	-	-
Whitehorn (WA)	-	-	-	-	-	-	-	-	-
Redding (City of)	**-**	**-**	**4,794**	**2,499**	**-**	**-**	**-**	**-**	**53**
Redding Power (CA)	-	-	4,794	-	-	-	-	-	53
Whiskeytown (CA)	-	-	-	2,499	-	-	-	-	-
Reliant Energy HL&P	**2,500,091**	**70**	**382,225**	**-**	**1,207,192**	**-**	**1,645**	**-**	**4,804**
Bertron, Sam (TX)	-	-	681	-	-	-	-	-	41
Cedar Bayou (TX)	-	-	159,419	-	-	-	-	-	1,959
Clarke, Hiram (TX)	-	-	-	-	-	-	-	-	-
Deepwater (TX)	-	-	-372	-	-	-	-	-	-
Greens Bayou (TX)	-	70	1,952	-	-	-	-	*	36
Limestone (TX)	1,016,172	-	8,430	-	-	-	718	-	85
Parish, W A (TX)	1,483,919	-	20,825	-	-	-	927	-	246
Robinson, P H (TX)	-	-	-1,183	-	-	-	-	-	-
San Jacinto (TX)	-	-	124,731	-	-	-	-	-	1,505
South Texas (TX)	-	-	-	-	1,207,192	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	-	-	-301	-	-	-	-	-	-
Wharton, T H (TX)	-	-	68,043	-	-	-	-	-	932
Richmond (City of)	**56,711**	**19**	**-**	**-**	**-**	**-**	**27**	**-**	**-**
Whitewater Valley (IN)	56,711	19	-	-	-	-	27	*	-
Rochester (City of)	**6,423**	**-**	**267**	**720**	**-**	**-**	**4**	**-**	**4**
Cascade Creek (MN)	-	-	-	-	-	-	-	-	-
Rochester (MN)	-	-	-	720	-	-	-	-	-
Silver Lake (MN)	6,423	-	267	-	-	-	4	-	4
Rochester Gas & Elec Corp	**156,324**	**422**	**954**	**12,229**	**369,312**	**-**	**60**	**1**	**14**
Ginna (NY)	-	-	-	-	369,312	-	-	-	-
Station 160 (NY)	-	-	-	-	-	-	-	-	-
Station 170 (NY)	-	-	-	313	-	-	-	-	-
Station 2 (NY)	-	-	-	3,030	-	-	-	-	-
Station 26 (NY)	-	-	-	217	-	-	-	-	-
Station 3 (NY)	-	344	-	-	-	-	-	1	-
Station 5 (NY)	-	-	-	8,669	-	-	-	-	-
Station 7 (NY)	156,324	78	-	-	-	-	60	*	-
Station 9 (NY)	-	-	954	-	-	-	-	-	14
Ruston (City of)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Ruston (LA)	-	-	-	-	-	-	-	-	-
Sacramento Mun Util Dist	**-**	**-**	**150,978**	**142,478**	**-**	**65**	**-**	**-**	**1,755**
Camino (CA)	-	-	-	24,288	-	-	-	-	-
Camp Far W (CA)	-	-	-	-	-	-	-	-	-
Campbell Soup (CA)	-	-	67,835	-	-	-	-	-	825
Carson (CA)	-	-	26,844	-	-	-	-	-	343
Hedge PV (CA)	-	-	-	-	-	10	-	-	-
Jaybird (CA)	-	-	-	36,158	-	-	-	-	-
Jones Fork (CA)	-	-	-	3,636	-	-	-	-	-
Loon Lake (CA)	-	-	-	31,439	-	-	-	-	-
McClellan (CA)	-	-	-	-	-	-	-	-	-
Proc&Gamble (CA)	-	-	56,299	-	-	-	-	-	587
Robbs Peak (CA)	-	-	-	11,158	-	-	-	-	-
Slab Creek (CA)	-	-	-	81	-	-	-	-	-
Solano (CA)	-	-	-	-	-	-	-	-	-
Solar (CA)	-	-	-	-	-	55	-	-	-
Union Valley (CA)	-	-	-	7,938	-	-	-	-	-
White Rock (CA)	-	-	-	27,780	-	-	-	-	-
Safe Harbor Water Power Corp	**-**	**-**	**-**	**123,501**	**-**	**-**	**-**	**-**	**-**
Safe Harbor (PA)	-	-	-	123,501	-	-	-	-	-
Salt River Project	**2,110,929**	**1,161**	**69,329**	**25,660**	**-**	**-**	**1,012**	**2**	**723**
Agua Fria (AZ)	-	-	16,166	-	-	-	-	-	220
Coronado (AZ)	517,839	195	-	-	-	-	276	*	-
Crosscut (AZ)	-	-	-	-	-	-	-	-	-
Horse Mesa (AZ)	-	-	-	18,092	-	-	-	-	-
Kyrene (AZ)	-	-	-673	-	-	-	-	-	2
Mormon Flat (AZ)	-	-	-	7,630	-	-	-	-	-
Navajo (AZ)	1,593,090	966	-	-	-	-	735	2	-
Roosevelt (AZ)	-	-	-	-51	-	-	-	-	-
San Tan (AZ)	-	-	53,836	-	-	-	-	-	501
South Con (AZ)	-	-	-	-	-	-	-	-	-
Stewart Mtn (AZ)	-	-	-	-11	-	-	-	-	-
San Antonio Pub Serv Brd	**954,700**	**794**	**45,466**	**-**	**-**	**-**	**555**	**2**	**563**
Arthur von Rosenburg (TX)	-	-	-322	-	-	-	-	-	-
Braunig, V H (TX)	-	438	40,305	-	-	-	-	1	460
Deely, J T (TX)	540,699	341	-	-	-	-	332	1	-
J K Spruce (TX)	414,001	-	62	-	-	-	223	-	1
Leon Creek (TX)	-	-	-146	-	-	-	-	-	-
Mission Road (TX)	-	-	-150	-	-	-	-	-	-
Sommers, O W (TX)	-	15	5,983	-	-	-	-	*	103
Tuttle, W B (TX)	-	-	-266	-	-	-	-	-	*

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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	**264,257**	**193**	**-**	**-**	**-**	**-**	**313**	**1**	**-**
San Miguel (TX)	264,257	193	-	-	-	-	313	1	-
Santa Clara (City of)	**-**	**-**	**3,673**	**2,817**	**-**	**-**	**-**	**-**	**54**
Black Butte (CA)	-	-	-	1,307	-	-	-	-	-
Cogen Plant (CA)	-	-	3,674	-	-	-	-	-	54
Gianera (CA)	-	-	-1	-	-	-	-	-	-
Grizzly (CA)	-	-	-	727	-	-	-	-	-
Highline (CA)	-	-	-	-	-	-	-	-	-
Stony Gorge (CA)	-	-	-	783	-	-	-	-	-
Savannah Elec & Pwr Co	**203,392**	**61**	**1,324**	**-**	**-**	**-**	**89**	**-**	**17**
Boulevard (GA)	-	-	6	-	-	-	-	-	*
Kraft (GA)	111,882	-	726	-	-	-	51	-	8
McIntosh (GA)	91,510	61	592	-	-	-	38	*	9
Riverside (GA)	-	-	-	-	-	-	-	-	-
Seattle (City of)	**-**	**-**	**-**	**350,153**	**-**	**-**	**-**	**-**	**-**
Boundary (WA)	-	-	-	229,287	-	-	-	-	-
Cedar Falls (WA)	-	-	-	-80	-	-	-	-	-
Diablo (WA)	-	-	-	35,918	-	-	-	-	-
Gorge (WA)	-	-	-	45,352	-	-	-	-	-
New Halem (WA)	-	-	-	580	-	-	-	-	-
Ross Dam (WA)	-	-	-	34,110	-	-	-	-	-
South Fork Tolt (WA)	-	-	-	4,986	-	-	-	-	-
Seminole Electric Coop	**576,594**	**104,971**	**68,241**	**-**	**-**	**-**	**244**	**43**	**777**
Payne Creek (FL)	-	-	68,241	-	-	-	-	-	777
Seminole (FL)	576,594	104,971	-	-	-	-	244	43	-
Sierra Pacific Power Co	**181,873**	**639**	**211,028**	**283**	**-**	**-**	**162**	**2**	**2,106**
26 Foot Drop (NV)	-	-	-	-	-	-	-	-	-
Battle Mt (NV)	-	-34	-	-	-	-	-	*	-
Brunswick (NV)	-	-45	-	-	-	-	-	*	-
Elko (NV)	-	-	-	-	-	-	-	-	-
Fallon (NV)	-	-	-	-	-	-	-	-	-
Farad (CA)	-	-	-	-5	-	-	-	-	-
Fleish (NV)	-	-	-	-5	-	-	-	-	-
Fort Churchill (NV)	-	-	85,044	-	-	-	-	-	855
Gabbs (NV)	-	-33	-	-	-	-	-	*	-
Kings Beach (CA)	-	394	-	-	-	-	-	1	-
Lahontan (NV)	-	-	-	-	-	-	-	-	-
North Valmy (NV)	181,873	183	-	-	-	-	162	1	-
Pinon Pine (NV)	-	-	-	-	-	-	-	-	-
Portola (CA)	-	174	-	-	-	-	-	*	-
Tracy (NV)	-	-	126,039	-	-	-	-	-	1,251
Valley Road (NV)	-	-	-	-	-	-	-	-	-
Verdi (NV)	-	-	-	168	-	-	-	-	-
Washoe (NV)	-	-	-	125	-	-	-	-	-
Winnemucca (NV)	-	-	-55	-	-	-	-	-	-
Sikeston (City of)	**163,810**	**48**	**-**	**-**	**-**	**-**	**101**	**-**	**-**
Coleman, E. P. (MO)	-	-	-	-	-	-	-	-	-
Sikeston (MO)	163,810	48	-	-	-	-	101	*	-
So Carolina Elec & Gas Co	**1,264,416**	**3,529**	**19,512**	**22,691**	**729,647**	**-**	**451**	**6**	**163**
Burton (SC)	-	22	-	-	-	-	-	*	-
Canadys (SC)	57,393	789	2	-	-	-	20	1	*
Coit (SC)	-	61	-	-	-	-	-	*	-
Columbia Hydro (SC)	-	-	-	-	-	-	-	-	-
Cope (SC)	286,002	1	-	-	-	-	82	*	-
Faber Place (SC)	-	-	4	-	-	-	-	-	*
Fairfield County (SC)	-	-	-	-17,205	-	-	-	-	-
Hagood (SC)	-	868	343	-	-	-	-	2	2
Hardeeville (SC)	-	10	-	-	-	-	-	*	-
Mcmeekin (SC)	-	-	-	-	-	-	-	-	-
Neal Shoals (SC)	-	-	-	3,239	-	-	-	-	-
Parr (SC)	-	407	-	-	-	-	-	1	-
Parr Hydro (SC)	-	-	-	5,732	-	-	-	-	-
Saluda Hydro (SC)	-	-	-	25,988	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	8,974	23	-	-	-	-	19	*	-
Stevens Creek Hydro (GA)	-	-	-	4,937	-	-	-	-	-
Urquhart (SC)	63,766	1	19,163	-	-	-	23	*	161
V. C. Summer (SC)	-	-	-	-	729,647	-	-	-	-
Wateree (SC)	463,396	120	-	-	-	-	178	*	-
Williams (SC)	384,885	1,227	-	-	-	-	129	2	-
So Carolina Pub Serv Auth	**1,727,651**	**6,109**	**-**	**56,977**	**-**	**1,184**	**696**	**12**	**-**
Cross (SC)	702,976	4,315	-	-	-	-	285	7	-
Grainger, Dolphus M (SC)	98,455	46	-	-	-	-	42	*	-
Hilton Head (SC)	-	762	-	-	-	-	-	2	-
Horry County (SC)	-	-	-	-	-	1,184	-	-	-
Jefferies (SC)	169,448	205	-	16,392	-	-	76	*	-
Myrtle Beach (SC)	-	478	-	-	-	-	-	2	-
Rainey (SC)	-	-	-	-	-	-	-	-	-
Spillway (SC)	-	-	-	1,438	-	-	-	-	-
St Stephens (SC)	-	-	-	39,147	-	-	-	-	-
Winyah (SC)	756,772	303	-	-	-	-	293	1	-
South Miss Elec Pwr Assoc	**186,358**	**526**	**38,122**	**-**	**-**	**-**	**80**	**1**	**450**
Benndale (MS)	-	-	-	-	-	-	-	-	-
Morrow (MS)	186,358	508	-	-	-	-	80	1	-
Moselle (MS)	-	-	38,122	-	-	-	-	-	450
Paulding (MS)	-	18	-	-	-	-	-	*	-
Southern Calif Edison Co	**957,813**	**1,025**	**767**	**160,122**	**1,651,527**	**-**	**432**	**5**	**8**
Baker Dam (CA)	-	-	-	-	-	-	-	-	-
Big Creek 1 (CA)	-	-	-	9,130	-	-	-	-	-
Big Creek 2 (CA)	-	-	-	7,843	-	-	-	-	-
Big Creek 2a (CA)	-	-	-	21,368	-	-	-	-	-
Big Creek 3 (CA)	-	-	-	29,380	-	-	-	-	-
Big Creek 4 (CA)	-	-	-	14,199	-	-	-	-	-
Big Creek 8 (CA)	-	-	-	9,375	-	-	-	-	-
Bishop Creek 2 (CA)	-	-	-	1,286	-	-	-	-	-
Bishop Creek 3 (CA)	-	-	-	1,392	-	-	-	-	-
Bishop Creek 4 (CA)	-	-	-	2,458	-	-	-	-	-
Bishop Creek 5 (CA)	-	-	-	620	-	-	-	-	-
Bishop Creek 6 (CA)	-	-	-	558	-	-	-	-	-
Borel (CA)	-	-	-	4,542	-	-	-	-	-
Dominguez Hills (CA)	-	-	-	-	-	-	-	-	-
Eastwood (CA)	-	-	-	13,305	-	-	-	-	-
Fontana (CA)	-	-	-	258	-	-	-	-	-
Kaweah 1 (CA)	-	-	-	1,264	-	-	-	-	-
Kaweah 2 (CA)	-	-	-	1,569	-	-	-	-	-
Kaweah 3 (CA)	-	-	-	2,644	-	-	-	-	-
Kern River 1 (CA)	-	-	-	7,389	-	-	-	-	-
Kern River 3 (CA)	-	-	-	9,282	-	-	-	-	-
Lundy (CA)	-	-	-	278	-	-	-	-	-
Lytle Creek (CA)	-	-	-	140	-	-	-	-	-
Mammoth Pool (CA)	-	-	-	14,440	-	-	-	-	-
Mill Creek 1 (CA)	-	-	-	93	-	-	-	-	-
Mill Creek 3 (CA)	-	-	-	170	-	-	-	-	-
Mohave (NV)	957,813	-	767	-	-	-	432	-	8
Ontario 1 (CA)	-	-	-	169	-	-	-	-	-
Ontario 2 (CA)	-	-	-	60	-	-	-	-	-
Pebbly Beach (CA)	-	1,025	-	-	-	-	-	5	-
Poole (CA)	-	-	-	1,160	-	-	-	-	-
Portal (CA)	-	-	-	547	-	-	-	-	-
Rush Creek (CA)	-	-	-	3,472	-	-	-	-	-
San Gorgonio (CA)	-	-	-	-	-	-	-	-	-
San Onofre (CA)	-	-	-	-	1,651,527	-	-	-	-
Santa Ana 1 (CA)	-	-	-	497	-	-	-	-	-
Santa Ana 3 (CA)	-	-	-	454	-	-	-	-	-
Sierra (CA)	-	-	-	102	-	-	-	-	-
Tule River (CA)	-	-	-	678	-	-	-	-	-
Southern Ill Pwr Coop	**137,810**	**1,553**	**-**	**-**	**-**	**-**	**81**	**4**	**-**
Marion (IL)	137,810	1,553	-	-	-	-	81	4	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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	**596,946**	**-**	**5,931**	**-**	**-**	**-**	**283**	**-**	**100**
A. B. Brown (IN)	260,591	-	5,610	-	-	-	121	-	96
Broadway (IN)	-	-	-	-	-	-	-	-	-
Culley (IN)	234,618	-	321	-	-	-	115	-	4
Northeast (IN)	-	-	-	-	-	-	-	-	-
Warrick (IN)	101,737	-	-	-	-	-	47	-	-
Southwestern Elec Pwr Co	**1,594,588**	**808**	**137,480**	**-**	**-**	**-**	**1,046**	**1**	**1,469**
Arsenal Hill (LA)	-	-	1,965	-	-	-	-	-	28
Flint Creek (AR)	364,592	109	-	-	-	-	226	*	-
Knox Lee (TX)	-	-	40,810	-	-	-	-	-	421
Lieberman (LA)	-	-	-	-	-	-	-	-	-
Lone Star (TX)	-	-	-	-	-	-	-	-	-
Pirkey (TX)	232,053	-	3,271	-	-	-	203	-	36
Welsh (TX)	997,943	699	-	-	-	-	617	1	-
Wilkes (TX)	-	-	91,434	-	-	-	-	-	985
Southwestern Pub Serv Co	**1,412,861**	**49**	**262,522**	**-**	**-**	**-**	**800**	**-**	**2,873**
Carlsbad (NM)	-	-	-	-	-	-	-	-	-
Cunningham (NM)	-	-	63,612	-	-	-	-	-	683
Harrington (TX)	686,541	-	2,418	-	-	-	393	-	24
Jones (TX)	-	-	137,582	-	-	-	-	-	1,466
Maddox (NM)	-	-	38,482	-	-	-	-	-	409
Moore County (TX)	-	-	-74	-	-	-	-	-	-
Nichols (TX)	-	-	-717	-	-	-	-	-	5
Plant X (TX)	-	-	20,062	-	-	-	-	-	276
Riverview (TX)	-	-	-	-	-	-	-	-	-
Tolk Station (TX)	726,320	-	1,157	-	-	-	407	-	11
Tucumcari (NM)	-	49	-	-	-	-	-	*	-
Springfield (City of)	**163,723**	**132**	**-**	**-**	**-**	**-**	**90**	**-**	**-**
Dallman (IL)	160,386	122	-	-	-	-	87	*	-
Factory (IL)	-	1	-	-	-	-	-	*	-
Interstate (IL)	-	-	-	-	-	-	-	-	-
Lakeside (IL)	3,337	4	-	-	-	-	2	*	-
Reynolds (IL)	-	5	-	-	-	-	-	*	-
Springfield (City of)	**267,616**	**13**	**2,035**	**-**	**-**	**-**	**166**	**-**	**23**
James River (MO)	141,772	13	880	-	-	-	89	*	11
Main Street (MO)	-	-	-	-	-	-	-	-	-
McCartney (MO)	-	-	10	-	-	-	-	-	*
Moonlake (NE)	-	-	10	-	-	-	-	-	*
Southwest (MO)	125,844	-	1,135	-	-	-	76	-	13
St Joseph Lgt & Pwr Co	**61,431**	**-239**	**431**	**-**	**-**	**-**	**36**	**-**	**10**
Lake Road (MO)	61,431	-239	431	-	-	-	36	*	10
Sunflower Elec Coop	**222,632**	**-**	**130**	**-**	**-**	**-**	**133**	**-**	**5**
Garden City (KS)	-	-	-186	-	-	-	-	-	*
Holcomb (KS)	222,632	-	316	-	-	-	133	-	5
Systems Energy Resources Inc	**-**	**-**	**-**	**-**	**956,270**	**-**	**-**	**-**	**-**
Grand Gulf (MS)	-	-	-	-	956,270	-	-	-	-
Tacoma (City of)	**-**	**-**	**-**	**160,458**	**-**	**-**	**-**	**-**	**-**
Alder (WA)	-	-	-	7,403	-	-	-	-	-
Cushman 1 (WA)	-	-	-	22,207	-	-	-	-	-
Cushman 2 (WA)	-	-	-	47,826	-	-	-	-	-
La Grande (WA)	-	-	-	13,481	-	-	-	-	-
Mayfield (WA)	-	-	-	30,112	-	-	-	-	-
Mossyrock (WA)	-	-	-	34,250	-	-	-	-	-
Wynoochee (WA)	-	-	-	5,179	-	-	-	-	-
Tallahassee (City of)	**-**	**-**	**202,085**	**2,396**	**-**	**-**	**-**	**-**	**1,626**
Hopkins, Arvah B (FL)	-	-	50,845	-	-	-	-	-	562
Jackson Bluff (FL)	-	-	-	2,396	-	-	-	-	-
Purdom, S O (FL)	-	-	151,240	-	-	-	-	-	1,064
Tampa Electric Co	**1,153,099**	**18,220**	**3,807**	**-**	**-**	**-**	**550**	**32**	**43**
Big Bend (FL)	736,784	1,946	-	-	-	-	342	4	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	296,197	2,470	-	-	-	-	158	6	-
Hookers Point (FL)	-	-135	-	-	-	-	-	-	-
Polk (FL)	120,118	9,331	3,807	-	-	-	50	15	43
S Dinner Lk (FL)	-	-	-	-	-	-	-	-	-
S Phillips (FL)	-	4,608	-	-	-	-	-	7	-
Taunton (City of)	**-**	**6,738**	**989**	**-**	**-**	**-**	**-**	**12**	**17**
Cleary, B F (MA)	-	6,738	989	-	-	-	-	12	17
Tennessee Valley Auth	**7,924,970**	**21,179**	**20,711**	**1,701,175**	**4,047,544**	**-**	**3,490**	**42**	**288**
Allen (TN)	474,299	397	-15	-	-	-	242	2	1
Apalachia (TN)	-	-	-	56,848	-	-	-	-	-
Blue Ridge (GA)	-	-	-	701	-	-	-	-	-
Boone (TN)	-	-	-	23,831	-	-	-	-	-
Browns Ferry (AL)	-	-	-	-	1,617,101	-	-	-	-
Bull Run (TN)	643,174	-	-	-	-	-	232	-	-
Chatuge (NC)	-	-	-	3,615	-	-	-	-	-
Cherokee (TN)	-	-	-	67,094	-	-	-	-	-
Chickamauga (TN)	-	-	-	84,647	-	-	-	-	-
Colbert (AL)	563,448	5,521	260	-	-	-	258	11	7
Cumberland (TN)	811,409	6,633	-	-	-	-	336	12	-
Douglas (TN)	-	-	-	42,186	-	-	-	-	-
Fontana (NC)	-	-	-	131,940	-	-	-	-	-
Fort Loudoun (TN)	-	-	-	87,483	-	-	-	-	-
Fort Patrick Henry (TN)	-	-	-	5,838	-	-	-	-	-
Gallatin (TN)	504,392	276	1,609	-	-	-	247	1	31
Great Falls (TN)	-	-	-	24,278	-	-	-	-	-
Guntersville (AL)	-	-	-	81,731	-	-	-	-	-
Hiwassee (NC)	-	-	-	28,514	-	-	-	-	-
Johnsonville (TN)	655,992	4,746	18,857	-	-	-	290	10	249
Kentucky (KY)	-	-	-	125,121	-	-	-	-	-
Kingston (TN)	870,315	1,233	-	-	-	-	356	2	-
Melton Hill (TN)	-	-	-	23,109	-	-	-	-	-
Nickajack (TN)	-	-	-	56,735	-	-	-	-	-
Norris (TN)	-	-	-	65,587	-	-	-	-	-
Nottely (GA)	-	-	-	6,956	-	-	-	-	-
Ocoee 1 (TN)	-	-	-	6,779	-	-	-	-	-
Ocoee 2 (TN)	-	-	-	10,811	-	-	-	-	-
Ocoee 3 (TN)	-	-	-	13,586	-	-	-	-	-
Paradise (KY)	1,396,568	58	-	-	-	-	640	*	-
Pickwick (TN)	-	-	-	146,995	-	-	-	-	-
Raccoon Mountain (TN)	-	-	-	-68,105	-	-	-	-	-
Sequoyah (TN)	-	-	-	-	1,566,979	-	-	-	-
Sevier, John (TN)	436,851	128	-	-	-	-	171	*	-
Shawnee (KY)	792,051	1,118	-	-	-	-	365	2	-
South Holston (TN)	-	-	-	21,570	-	-	-	-	-
Tims Ford (TN)	-	-	-	13,879	-	-	-	-	-
Watauga (TN)	-	-	-	15,848	-	-	-	-	-
Watts Bar (TN)	-	-	-	-	-	-	-	-	-
Watts Bar (TN)	-	-	-	-	-	-	-	-	-
Watts Bar (TN)	-	-	-	-	863,464	-	-	-	-
Wheeler (AL)	-	-	-	218,559	-	-	-	-	-
Widows Creek (AL)	776,471	1,069	-	-	-	-	353	2	-
Wilbur (TN)	-	-	-	2,954	-	-	-	-	-
Wilson (AL)	-	-	-	402,085	-	-	-	-	-
Terrebonne Parish Consol Govt	**-**	**-35**	**-258**	**-**	**-**	**-**	**-**	**-**	**6**
Houma (LA)	-	-35	-258	-	-	-	-	-	6
Texas Mun Power Agency	**317,066**	**-**	**36**	**-**	**-**	**-**	**192**	**-**	**1**
Gibbons Creek (TX)	317,066	-	36	-	-	-	192	-	1
Texas-New Mexico Power Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
TNP One (TX)	-	-	-	-	-	-	-	-	-
Toledo Edison Co (The)	**297,612**	**135**	**14,601**	**-**	**-2,865**	**-**	**138**	**-**	**210**
Bay Shore (OH)	297,612	174	-	-	-	-	138	*	-
Davis-Besse (OH)	-	-	-	-	-2,865	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	-	-	14,601	-	-	-	-	-	210
Stryker (OH)	-	-39	-	-	-	-	-	-	-
Tri-state G & T Assn Inc	**1,117,339**	**656**	**459**	**-**	**-**	**-**	**566**	**1**	**2**
Burlington (CO)	-	4	-	-	-	-	-	*	-
Craig (CO)	898,138	652	70	-	-	-	442	1	1
Escalante (NM)	161,707	-	23	-	-	-	93	-	*
Nucla (CO)	57,494	-	366	-	-	-	32	-	1
Tucson Electric Power Co	**553,595**	**156**	**30,062**	**-**	**-**	**3,123**	**306**	**-**	**369**
De Moss Petrie (AZ)	-	-	3,133	-	-	-	-	-	48
Irvington (AZ)	63,838	-	26,929	-	-	3,123	29	-	321
North Loop (AZ)	-	-	-	-	-	-	-	-	-
Springerville (AZ)	489,757	156	-	-	-	-	278	*	-
Turlock Irrigation Dist	**-**	**-**	**114**	**5,943**	**-**	**-**	**-**	**-**	**3**
Almond (CA)	-	-	131	-	-	-	-	-	3
Hickman (CA)	-	-	-	-3	-	-	-	-	-
Lagrange (CA)	-	-	-	878	-	-	-	-	-
New Don Pedro (CA)	-	-	-	5,077	-	-	-	-	-
Turlock Lake (CA)	-	-	-	-6	-	-	-	-	-
Uppr Dawson (CA)	-	-	-	-3	-	-	-	-	-
Walnut (CA)	-	-	-17	-	-	-	-	-	1
United Power Assn	**120,936**	**89**	**393**	**-**	**-**	**15,481**	**104**	**-**	**6**
Cambridge (MN)	-	-	-	-	-	-	-	-	-
Elk River (MN)	-	23	393	-	-	15,481	-	*	6
Maple Lake (MN)	-	-	-	-	-	-	-	-	-
Rock Lake (MN)	-	-	-	-	-	-	-	-	-
Stanton (ND)	120,936	66	-	-	-	-	104	*	-
USBR-Great Plains Region	**-**	**-**	**-**	**95,796**	**-**	**-**	**-**	**-**	**-**
Alcova (WY)	-	-	-	2,597	-	-	-	-	-
Big Thompson (CO)	-	-	-	-14	-	-	-	-	-
Boysen (WY)	-	-	-	5,930	-	-	-	-	-
Buffalo Bill (WY)	-	-	-	-29	-	-	-	-	-
Canyon Ferry (MT)	-	-	-	26,425	-	-	-	-	-
Estes (CO)	-	-	-	12,054	-	-	-	-	-
Flatiron (CO)	-	-	-	-216	-	-	-	-	-
Fremont Canyon (WY)	-	-	-	4,434	-	-	-	-	-
Glendo (WY)	-	-	-	-78	-	-	-	-	-
Green Mountain (CO)	-	-	-	625	-	-	-	-	-
Guernsey (WY)	-	-	-	-32	-	-	-	-	-
Heart Mountain (WY)	-	-	-	-32	-	-	-	-	-
Kortes (WY)	-	-	-	5,715	-	-	-	-	-
Marys Lake (CO)	-	-	-	4,859	-	-	-	-	-
Mount Elbert (CO)	-	-	-	-13,834	-	-	-	-	-
Pilot Butte (WY)	-	-	-	-4	-	-	-	-	-
Pole Hill (CO)	-	-	-	19,376	-	-	-	-	-
Seminoe (WY)	-	-	-	4,146	-	-	-	-	-
Shoshone (WY)	-	-	-	-34	-	-	-	-	-
Spirit Mountain (WY)	-	-	-	-24	-	-	-	-	-
Yellowtail (MT)	-	-	-	23,932	-	-	-	-	-
USBR-Lower Colorado Region	**-**	**-**	**-**	**358,259**	**-**	**-**	**-**	**-**	**-**
Davis (AZ)	-	-	-	67,335	-	-	-	-	-
Hoover (AZ)	-	-	-	120,283	-	-	-	-	-
Hoover (NV)	-	-	-	149,326	-	-	-	-	-
Parker (CA)	-	-	-	21,315	-	-	-	-	-
USBR-Mid Pacific Region	**-**	**-**	**-**	**185,281**	**-**	**-**	**-**	**-**	**-**
Folsom (CA)	-	-	-	25,838	-	-	-	-	-
Judge F Carr (CA)	-	-	-	1,294	-	-	-	-	-
Keswick (CA)	-	-	-	25,411	-	-	-	-	-
Lewiston (CA)	-	-	-	136	-	-	-	-	-
New Melones (CA)	-	-	-	4,476	-	-	-	-	-
Nimbus (CA)	-	-	-	3,403	-	-	-	-	-
O Neill (CA)	-	-	-	-	-	-	-	-	-
Shasta (CA)	-	-	-	77,730	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	-	-	-	41,328	-	-	-	-	-
Stampede (CA)	-	-	-	125	-	-	-	-	-
Trinity (CA)	-	-	-	5,540	-	-	-	-	-
USBR-Pacific NW Region	**-**	**-**	**-**	**1,747,731**	**-**	**-**	**-**	**-**	**-**
Anderson Ranch (ID)	-	-	-	2,819	-	-	-	-	-
Black Canyon (ID)	-	-	-	1,755	-	-	-	-	-
Boise River Div (ID)	-	-	-	-	-	-	-	-	-
Chandler (WA)	-	-	-	1,733	-	-	-	-	-
Grand Coulee (WA)	-	-	-	1,667,258	-	-	-	-	-
Green Springs (OR)	-	-	-	3,680	-	-	-	-	-
Hungry Horse (MT)	-	-	-	61,224	-	-	-	-	-
Minidoka (ID)	-	-	-	859	-	-	-	-	-
Palisades (ID)	-	-	-	5,632	-	-	-	-	-
Roza (WA)	-	-	-	2,771	-	-	-	-	-
USBR-Upper Colorado Region	**-**	**-**	**-**	**289,461**	**-**	**-**	**-**	**-**	**-**
Blue Mesa (CO)	-	-	-	2,767	-	-	-	-	-
Crystal (CO)	-	-	-	-144	-	-	-	-	-
Deer Creek (UT)	-	-	-	802	-	-	-	-	-
Elephant Butte (NM)	-	-	-	-65	-	-	-	-	-
Flaming Gorge (UT)	-	-	-	15,991	-	-	-	-	-
Fontenelle (WY)	-	-	-	2,545	-	-	-	-	-
Glen Canyon (AZ)	-	-	-	262,568	-	-	-	-	-
Lower Molina (CO)	-	-	-	499	-	-	-	-	-
McPhee (CO)	-	-	-	-118	-	-	-	-	-
Morrow Point (CO)	-	-	-	4,097	-	-	-	-	-
Towaoc (CO)	-	-	-	-343	-	-	-	-	-
Upper Molina (CO)	-	-	-	862	-	-	-	-	-
USCE-Hartwell Power Plant	**-**	**-**	**-**	**26,574**	**-**	**-**	**-**	**-**	**-**
Hartwell (GA)	-	-	-	26,574	-	-	-	-	-
USCE-J Strom Thur Pwr Plt	**-**	**-**	**-**	**25,250**	**-**	**-**	**-**	**-**	**-**
J Strom Thurmond (SC)	-	-	-	25,250	-	-	-	-	-
USCE-Kansas City Dist	**-**	**-**	**-**	**11**	**-**	**-**	**-**	**-**	**-**
Harry S Truman (MO)	-	-	-	-78	-	-	-	-	-
Stockton (MO)	-	-	-	89	-	-	-	-	-
USCE-Little Rock	**-**	**-**	**-**	**99,911**	**-**	**-**	**-**	**-**	**-**
Beaver (AR)	-	-	-	6,180	-	-	-	-	-
Bull Shoals (AR)	-	-	-	26,323	-	-	-	-	-
Dardanelle (AR)	-	-	-	19,040	-	-	-	-	-
Greers Ferry (AR)	-	-	-	11,231	-	-	-	-	-
Norfork (AR)	-	-	-	10,646	-	-	-	-	-
Ozark (AR)	-	-	-	9,814	-	-	-	-	-
Table Rock (MO)	-	-	-	16,677	-	-	-	-	-
USCE-Missouri River District	**-**	**-**	**-**	**507,278**	**-**	**-**	**-**	**-**	**-**
Big Bend (SD)	-	-	-	47,079	-	-	-	-	-
Fort Peck (MT)	-	-	-	91,729	-	-	-	-	-
Fort Randall (SD)	-	-	-	61,351	-	-	-	-	-
Garrison (ND)	-	-	-	160,183	-	-	-	-	-
Gavins Point (NE)	-	-	-	37,300	-	-	-	-	-
Oahe (SD)	-	-	-	109,636	-	-	-	-	-
USCE-Mobile District	**-**	**-**	**-**	**215,352**	**-**	**-**	**-**	**-**	**-**
Allatoona (GA)	-	-	-	21,836	-	-	-	-	-
Buford (GA)	-	-	-	5,000	-	-	-	-	-
Carters (GA)	-	-	-	29,674	-	-	-	-	-
J Woodruff (FL)	-	-	-	16,265	-	-	-	-	-
Jones Bluff (AL)	-	-	-	41,634	-	-	-	-	-
Millers Ferry (AL)	-	-	-	37,614	-	-	-	-	-
Walter F George (GA)	-	-	-	39,922	-	-	-	-	-
West Point (GA)	-	-	-	23,407	-	-	-	-	-
USCE-Nashville	**-**	**-**	**-**	**341,156**	**-**	**-**	**-**	**-**	**-**
Barkley (KY)	-	-	-	93,380	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	-	-	-	36,552	-	-	-	-	-
Cheatham (TN)	-	-	-	22,365	-	-	-	-	-
Cordell Hull (TN)	-	-	-	35,952	-	-	-	-	-
Dale Hollow (TN)	-	-	-	5,689	-	-	-	-	-
J Percy Priest (TN)	-	-	-	16,196	-	-	-	-	-
Laurel (KY)	-	-	-	5,501	-	-	-	-	-
Old Hickory (TN)	-	-	-	56,494	-	-	-	-	-
Wolf Creek (KY)	-	-	-	69,027	-	-	-	-	-
USCE-North Pacific Div	**-**	**-**	**-**	**3,717,634**	**-**	**-**	**-**	**-**	**-**
Albeni Falls (ID)	-	-	-	16,584	-	-	-	-	-
Big Cliff (OR)	-	-	-	8,025	-	-	-	-	-
Bonneville (OR)	-	-	-	407,051	-	-	-	-	-
Chief Joseph (WA)	-	-	-	874,784	-	-	-	-	-
Cougar (OR)	-	-	-	-	-	-	-	-	-
Detroit (OR)	-	-	-	24,432	-	-	-	-	-
Dexter (OR)	-	-	-	4,816	-	-	-	-	-
Dworshak (ID)	-	-	-	35,405	-	-	-	-	-
Foster (OR)	-	-	-	9,914	-	-	-	-	-
Green Peter (OR)	-	-	-	25,228	-	-	-	-	-
Hills Creek (OR)	-	-	-	10,956	-	-	-	-	-
Ice Harbor (WA)	-	-	-	86,317	-	-	-	-	-
John Day (OR)	-	-	-	656,293	-	-	-	-	-
Libby (MT)	-	-	-	304,751	-	-	-	-	-
Little Goose (WA)	-	-	-	81,409	-	-	-	-	-
Lookout Point (OR)	-	-	-	14,006	-	-	-	-	-
Lost Creek (OR)	-	-	-	14,600	-	-	-	-	-
Lower Granite (WA)	-	-	-	82,797	-	-	-	-	-
Lower Monumental (WA)	-	-	-	86,157	-	-	-	-	-
McNary (OR)	-	-	-	441,372	-	-	-	-	-
The Dalles (WA)	-	-	-	532,737	-	-	-	-	-
USCE-R B Russell	**-**	**-**	**-**	**41,915**	**-**	**-**	**-**	**-**	**-**
R B Russell (GA)	-	-	-	41,915	-	-	-	-	-
USCE-Tulsa District	**-**	**-**	**-**	**56,257**	**-**	**-**	**-**	**-**	**-**
Broken Bow (OK)	-	-	-	4,568	-	-	-	-	-
Denison (TX)	-	-	-	15,400	-	-	-	-	-
Eufaula (OK)	-	-	-	3,131	-	-	-	-	-
Fort Gibson (OK)	-	-	-	1,218	-	-	-	-	-
Keystone (OK)	-	-	-	11,719	-	-	-	-	-
Robert S Kerr (OK)	-	-	-	11,359	-	-	-	-	-
Tenkiller Ferry (OK)	-	-	-	3,382	-	-	-	-	-
Webbers Falls (OK)	-	-	-	5,480	-	-	-	-	-
USCE-Vicksburg District	**-**	**-**	**-**	**5,565**	**-**	**-**	**-**	**-**	**-**
Blakely Mountain (AR)	-	-	-	523	-	-	-	-	-
Degray (AR)	-	-	-	2,802	-	-	-	-	-
Narrows (AR)	-	-	-	2,240	-	-	-	-	-
USCE-Wilmington	**-**	**-**	**-**	**56,980**	**-**	**-**	**-**	**-**	**-**
John H Kerr (VA)	-	-	-	56,414	-	-	-	-	-
Philpott (VA)	-	-	-	566	-	-	-	-	-
UtiliCorp United Inc	**309,331**	**2**	**896**	**-**	**-**	**-**	**162**	**-**	**18**
Green, Ralph (MO)	-	-	223	-	-	-	-	-	4
Greenwood (MO)	-	-	701	-	-	-	-	-	14
Kci (MO)	-	-	-28	-	-	-	-	-	-
Nevada (MO)	-	-21	-	-	-	-	-	-	-
Sibley (MO)	309,331	23	-	-	-	-	162	*	-
UtiliCorp United Inc	**15,082**	**-28**	**31,046**	**-**	**-**	**-**	**13**	**-**	**458**
Cimarron River (KS)	-	-	-31	-	-	-	-	-	18
Clark, W N (CO)	15,082	-	-	-	-	-	13	-	-
Clifton (KS)	-	-	-65	-	-	-	-	-	-
Judson Large (KS)	-	-	26,681	-	-	-	-	-	350
Mullergren, Arthur (KS)	-	-	-208	-	-	-	-	-	1
Pueblo (CO)	-	11	4,669	-	-	-	-	*	89
Rocky Ford (CO)	-	-39	-	-	-	-	-	*	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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**	**851**	**-**	**-**	**-**	**-**	**-**	**15**
Municipal Plant (FL)	-	1	851	-	-	-	-	*	15
Vineland (City of)	**5,759**	**1,183**	**-**	**-**	**-**	**-**	**3**	**3**	**-**
Down, Howard (NJ)	5,759	503	-	-	-	-	3	1	-
West (NJ)	-	680	-	-	-	-	-	2	-
Virginia Elec & Power Co	**3,384,315**	**345,162**	**43,843**	**2,813**	**1,922,842**	**-**	**1,367**	**550**	**385**
1st Energy (VA)	-	-	-	-	-	-	-	-	-
Altavista (VA)	38,908	-	-	-	-	-	19	-	*
Bath County (VA)	-	-	-	-82,226	-	-	-	-	-
Bell Meade (VA)	-	-	-	-	-	-	-	-	1
Bremo Bluff (VA)	141,354	370	-	-	-	-	59	1	-
Chesapeake (VA)	397,714	1,566	-	-	-	-	154	3	-
Chesterfield (VA)	693,722	1,388	43,493	-	-	-	275	5	381
Clover (VA)	624,915	386	-	-	-	-	246	1	-
Cushaw (VA)	-	-	-	-	-	-	-	-	-
Darbytown (VA)	-	149	6	-	-	-	-	*	*
Gaston (NC)	-	-	-	41,751	-	-	-	-	-
Gravel Neck (VA)	-	19	-	-	-	-	-	*	-
Hopewell (VA)	-	-	-	-	-	-	-	-	-
Kitty Hawk (NC)	-	23	-	-	-	-	-	*	-
Low Moor (VA)	-	-	-	-	-	-	-	-	-
Mt Storm (WV)	994,066	8,660	-	-	-	-	403	15	-
North Anna (VA)	-	-	-	-	695,764	-	-	-	-
North Branch (WV)	24,605	603	-	-	-	-	18	2	-
Northern Neck (VA)	-	-	-	-	-	-	-	-	-
Possum Point (VA)	215,116	80,876	-	-	-	-	91	135	-
Roanoke Rapids (NC)	-	-	-	43,288	-	-	-	-	-
Southhampton (VA)	26,835	2,069	-	-	-	-	14	4	-
Surry (VA)	-	-	-	-	1,227,078	-	-	-	-
Yktn Term A (VA)	-	-	-	-	-	-	-	-	-
Yorktown (VA)	227,080	249,053	344	-	-	-	89	385	3
Waverly (City of)	**-**	**53**	**59**	**-**	**-**	**633**	**-**	**-**	**1**
East Hydro (IA)	-	-	-	-	-	-	-	-	-
North Plant (IA)	-	53	59	-	-	-	-	*	1
Northwest (IA)	-	-	-	-	-	421	-	-	-
Skeets 1 (IA)	-	-	-	-	-	212	-	-	-
South Plant (IA)	-	-	-	-	-	-	-	-	-
Western Farmers Elec Coop	**289,101**	**118**	**78,145**	**-**	**-**	**-**	**180**	**-**	**749**
Anadarko (OK)	-	-	71,468	-	-	-	-	-	676
Hugo (OK)	289,101	118	-	-	-	-	180	*	-
Mooreland (OK)	-	-	6,677	-	-	-	-	-	74
Wisconsin Electric Pwr Co	**1,497,160**	**1,679**	**3,920**	**27,017**	**754,656**	**384**	**918**	**4**	**64**
Appleton (WI)	-	-	-	1,120	-	-	-	-	-
Big Quinnesec 61 (MI)	-	-	-	-	-	-	-	-	-
Big Quinnesec 92 (MI)	-	-	-	7,695	-	-	-	-	-
Brule (MI)	-	-	-	1,334	-	-	-	-	-
Byron (WI)	-	-	-	-	-	384	-	-	-
Chalk Hill (MI)	-	-	-	2,335	-	-	-	-	-
Concord (WI)	-	-	-	-	-	-	-	-	-
Germantown (WI)	-	353	284	-	-	-	-	1	4
Hemlock Falls (MI)	-	-	-	-	-	-	-	-	-
Kingsford (MI)	-	-	-	2,124	-	-	-	-	-
Lower Paint (MI)	-	-	-	-	-	-	-	-	-
Michigamme Falls (MI)	-	-	-	2,259	-	-	-	-	-
Milwaukee County (WI)	2,593	-	-	-	-	-	5	-	-
Oil Storage (WI)	-	-	-	-	-	-	-	-	-
Paris (WI)	-	-	102	-	-	-	-	-	4
Peavy Falls (MI)	-	-	-	3,732	-	-	-	-	-
Pine (WI)	-	-	-	726	-	-	-	-	-
Pleasant Prairie (WI)	784,278	16	418	-	-	-	500	*	6
Point Beach (WI)	-	-	-	-	754,656	-	-	*	-
Port Washington (WI)	18,181	-	-	-	-	-	10	-	-
Presque Isle (MI)	261,639	1,306	-	-	-	-	142	3	-
South Oak Creek (WI)	348,897	-	2,781	-	-	-	200	-	43

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, December 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)	-	-	-	296	-	-	-	-	-
Twin Falls (MI)	-	-	-	2,522	-	-	-	-	-
Valley (WI)	81,572	4	335	-	-	-	61	*	6
Way (MI)	-	-	-	696	-	-	-	-	-
White Rapids (MI)	-	-	-	2,178	-	-	-	-	-
Wisconsin Pub Serv Corp	**429,771**	**114**	**21,385**	**25,305**	**390,843**	**2,538**	**342**	**-**	**295**
Alexander (WI)	-	-	-	2,054	-	-	-	-	-
Caldron Falls (WI)	-	-	-	618	-	-	-	-	-
Eagle River (WI)	-	48	-	-	-	-	-	*	-
Glenmore (WI)	-	-	-	-	-	237	-	-	-
Grand Rapids (MI)	-	-	-	2,881	-	-	-	-	-
Grandfather Falls (WI)	-	-	-	10,011	-	-	-	-	-
Hat Rapids (WI)	-	-	-	849	-	-	-	-	-
High Falls (WI)	-	-	-	1,030	-	-	-	-	-
Jersey (WI)	-	-	-	336	-	-	-	-	-
Johnson Falls (WI)	-	-	-	633	-	-	-	-	-
Kewaunee (WI)	-	-	-	-	390,843	-	-	-	-
Lincoln (WI)	-	-	-	-	-	2,301	-	-	-
Merrill (WI)	-	-	-	1,205	-	-	-	-	-
Oneida Casino (WI)	-	-	-	-	-	-	-	-	-
Otter Rapids (WI)	-	-	-	205	-	-	-	-	-
Peshtigo (WI)	-	-	-	254	-	-	-	-	-
Potato Rapids (WI)	-	-	-	256	-	-	-	-	-
Pulliam (WI)	200,900	-	1,223	-	-	-	151	-	15
Sandstone Rapids (WI)	-	-	-	706	-	-	-	-	-
Tomahawk (WI)	-	-	-	1,385	-	-	-	-	-
Wausau (WI)	-	-	-	2,882	-	-	-	-	-
West Marinette (WI)	-	66	12,028	-	-	-	-	*	166
Weston (WI)	228,871	-	8,134	-	-	-	191	-	114
Wisconsin Pwr & Lgt Co	**1,109,128**	**1,533**	**14,720**	**15,060**	**-**	**5,194**	**671**	**3**	**200**
Blackhawk (WI)	-	-	-	-	-	-	-	-	1
Columbia (WI)	602,277	1,086	-	-	-	-	380	2	-
Dewey, Nelson (WI)	93,533	28	-	-	-	-	50	*	-
Edgewater (WI)	413,318	377	-	-	-	5,194	241	1	-
Kilbourn (WI)	-	-	-	4,943	-	-	-	-	-
NA 1 (WI)	-	-	644	-	-	-	-	-	23
Prairie Du Sac (WI)	-	-	-	10,117	-	-	-	-	-
Rock River (WI)	-	42	14,076	-	-	-	-	*	176
Shawano (WI)	-	-	-	-	-	-	-	-	-
Sheepskin (WI)	-	-	-	-	-	-	-	-	-
Wolf Creek Nuclear Corp	**-**	**-**	**-**	**-**	**887,671**	**-**	**-**	**-**	**-**
Wolf Creek (KS)	-	-	-	-	887,671	-	-	-	-
Wolverine Pwr supply Coop	**-**	**60**	**5,530**	**-**	**-**	**-**	**-**	**-**	**68**
Gaylord (MI)	-	-	834	-	-	-	-	-	12
Johnson, George (MI)	-	-	2,794	-	-	-	-	-	30
Scottville (MI)	-	-	-	-	-	-	-	-	-
Tower (MI)	-	11	-	-	-	-	-	*	-
Vandyke, Claude (MI)	-	-	1,631	-	-	-	-	-	21
Vestaburg (MI)	-	49	271	-	-	-	-	*	5
Wyandotte (City of)	**21,414**	**-**	**-**	**-**	**-**	**726**	**12**	**-**	**-**
Wyandotte (MI)	21,414	-	-	-	-	726	12	-	*
Yuba County Water Agency	**-**	**-**	**-**	**52,375**	**-**	**-**	**-**	**-**	**-**
Fish Power (CA)	-	-	-	90	-	-	-	-	-
New Colgate (CA)	-	-	-	37,087	-	-	-	-	-
New Narrows (CA)	-	-	-	15,198	-	-	-	-	-

[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, November 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	**116**	**142.9**	**34.02**	**1.45**	**1**	**662.2**	**36.29**	**-**	**720**	**419.3**	**4.33**	**79**	**-**	**21**
Lowman (AL)	116	142.9	34.02	1.45	1	662.2	36.29	-	-	-	-	100	*	-
McWilliams (AL)	-	-	-	-	-	-	-	-	720	419.3	4.33	-	-	100
Alabama Power Co[3]	**2,003**	**145.8**	**30.59**	**0.62**	**4**	**550.3**	**32.13**	**-**	**3,931**	**454.7**	**4.73**	**91**	**-**	**9**
Barry (AL)	329	168.5	39.76	0.62	-	-	-	-	2,681	453.5	4.75	73	-	27
Gadsden (AL)	23	157.9	38.41	1.51	-	-	-	-	10	142.8	1.46	98	-	2
Gaston (AL)	407	156.9	37.66	1.10	2	547.4	31.95	-	-	-	-	100	*	-
GE Plastic (AL)	-	-	-	-	-	-	-	-	585	466.9	4.79	-	-	100
Gorgas 2 and 3 (AL)	190	161.8	39.00	0.82	2	552.5	32.25	-	-	-	-	100	*	-
Greene (AL)	122	128.2	30.85	1.28	-	-	-	-	5	565.4	5.79	100	-	*
James Miller (AL)	932	126.8	22.34	0.26	-	-	-	-	42	496.8	4.99	100	-	*
Washington (AL)	-	-	-	-	-	-	-	-	607	449.9	4.65	-	-	100
Ameren UE	**1,633**	**87.5**	**15.32**	**0.40**	**2**	**600.0**	**34.52**	**0.29**	**123**	**473.8**	**4.88**	**100**	**-**	**-**
Labadie (MO)	671	79.9	13.88	0.32	1	590.1	33.95	0.29	-	-	-	100	*	-
Meramec (MO)	231	92.8	16.65	0.31	-	-	-	-	103	477.4	4.91	98	-	2
Rush Island (MO)	454	89.7	15.17	0.40	-	-	-	-	-	-	-	100	-	-
Sioux (MO)	277	97.0	17.92	0.63	1	609.8	35.09	0.29	-	-	-	100	*	-
Venice No.2 (IL)	-	-	-	-	-	-	-	-	20	455.7	4.69	-	-	100
American Municipal Power	**62**	**122.4**	**28.15**	**2.10**	**-**	**-**	**-**	**-**	**3**	**486.3**	**5.06**	**100**	**-**	**-**
Gorsuch (OH)	62	122.4	28.15	2.10	-	-	-	-	3	486.3	5.06	100	-	*
Ames City of	**25**	**148.4**	**25.75**	**0.20**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Ames (IA)	25	148.4	25.75	0.20	-	-	-	-	-	-	-	100	-	-
Anchorage City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**556**	**210.5**	**2.11**	**-**	**-**	**100**
George Sullivan (AK)	-	-	-	-	-	-	-	-	556	210.5	2.11	-	-	100
Appalachian Power Co	**1,153**	**129.4**	**31.71**	**0.77**	**15**	**589.8**	**34.40**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Amos (WV)	533	124.3	30.26	0.80	-	-	-	-	-	-	-	100	-	-
Clinch River (VA)	151	133.5	33.10	0.75	*	604.1	35.41	-	-	-	-	100	*	-
Glen Lyn (VA)	78	143.2	37.05	0.86	4	570.3	33.20	-	-	-	-	99	1	-
Kanawha River (WV)	67	118.5	29.24	0.82	*	597.7	35.50	-	-	-	-	100	*	-
Mountaineer (WV)	324	134.4	32.65	0.70	10	597.7	34.86	-	-	-	-	99	1	-
Arizona Electric Pwr Coop Inc	**122**	**152.1**	**28.70**	**0.71**	**-**	**-**	**-**	**-**	**405**	**338.2**	**3.45**	**85**	**-**	**15**
Apache (AZ)	122	152.1	28.70	0.71	-	-	-	-	405	338.2	3.45	85	-	15
Arizona Public Service Co	**1,124**	**114.0**	**20.37**	**0.68**	**-**	**-**	**-**	**-**	**934**	**407.3**	**4.14**	**95**	**-**	**5**
Cholla (AZ)	347	113.7	21.71	0.61	-	-	-	-	1	456.3	4.65	100	-	*
Four Corners (NM)	777	114.2	19.78	0.71	-	-	-	-	92	435.6	4.40	99	-	1
Ocotillo (AZ)	-	-	-	-	-	-	-	-	44	408.0	4.16	-	-	100
Phoenix (AZ)	-	-	-	-	-	-	-	-	525	408.0	4.16	-	-	100
Saguaro (AZ)	-	-	-	-	-	-	-	-	4	399.0	4.07	-	-	100
Yucca (AZ)	-	-	-	-	-	-	-	-	268	396.0	4.00	-	-	100
Arkansas Power & Light Co	**1,189**	**117.4**	**20.34**	**0.29**	**7**	**555.7**	**32.85**	**0.50**	**485**	**416.7**	**4.26**	**97**	**-**	**2**
Couch (AR)	-	-	-	-	-	-	-	-	10	474.7	4.93	-	-	100
Independence (AR)	650	110.1	19.51	0.24	5	558.6	33.03	0.50	-	-	-	100	*	-
Lake Catherine (AR)	-	-	-	-	-	-	-	-	474	416.3	4.26	-	-	100
Ritchie (AR)	-	-	-	-	-	-	-	-	1	78.9	0.82	-	-	100
Whitebluff (AR)	539	126.6	21.34	0.36	2	546.2	32.25	0.50	-	-	-	100	*	-
Associated Electric Coop Inc	**658**	**88.1**	**15.69**	**0.20**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Hill (MO)	329	81.0	14.51	0.20	-	-	-	-	-	-	-	100	-	-
Madrid (MO)	328	95.3	16.89	0.20	-	-	-	-	-	-	-	100	-	-
Atlantic City Electric Co	**71**	**207.2**	**53.75**	**1.99**	**46**	**208.7**	**13.31**	**0.97**	**-**	**-**	**-**	**86**	**14**	**-**
Deepwater (NJ)	22	210.4	52.55	0.74	-	-	-	-	-	-	-	100	-	-
England (NJ)	49	205.9	54.29	2.55	46	208.7	13.31	0.97	-	-	-	81	19	-
Basin Electric Power Coop	**1,531**	**64.0**	**9.48**	**0.56**	**7**	**627.8**	**36.36**	**0.34**	**-**	**-**	**-**	**100**	**-**	**-**
Antelope Valley (ND)	491	73.0	9.63	0.75	1	611.3	35.40	0.34	-	-	-	100	*	-
Laramie River (WY)	685	50.5	8.40	0.34	6	631.1	36.55	0.34	-	-	-	100	*	-
Leland Olds (ND)	355	84.1	11.33	0.72	-	-	-	-	-	-	-	100	-	-
Big Rivers Electric Corp	**25**	**122.0**	**29.76**	**3.02**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Reid-Henderson (KY)	25	122.0	29.76	3.02	-	-	-	-	-	-	-	100	-	-
Black Hills Corp	**44**	**44.8**	**7.26**	**0.52**	**-**	**7.0**	**0.42**	**0.04**	**-**	**-**	**-**	**100**	**-**	**-**
Neal Simpson II (WY)	44	44.8	7.26	0.52	*	7.0	0.42	0.04	-	-	-	100	*	-
Brazos Electric Power Coop Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**263**	**364.0**	**3.64**	**-**	**-**	**100**
Miller (TX)	-	-	-	-	-	-	-	-	263	364.0	3.64	-	-	100
Bryan City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**209**	**382.2**	**3.88**	**-**	**-**	**100**
Bryan (TX)	-	-	-	-	-	-	-	-	123	382.2	3.88	-	-	100
Dansby (TX)	-	-	-	-	-	-	-	-	86	382.2	3.88	-	-	100
Burbank City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**792.0**	**8.03**	**-**	**-**	**100**
Magnolia-Olive (CA)	-	-	-	-	-	-	-	-	3	792.0	8.03	-	-	100
Burlington City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**4**	**483.6**	**4.86**	**-**	**-**	**100**
J C McNeil (VT)	-	-	-	-	-	-	-	-	4	483.6	4.86	-	-	100
Cardinal Operating Co	**339**	**139.3**	**33.42**	**1.35**	**12**	**561.6**	**32.97**	**-**	**-**	**-**	**-**	**99**	**1**	**-**
Cardinal (OH)	339	139.3	33.42	1.35	12	561.6	32.97	-	-	-	-	99	1	-

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, November 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)			
Carolina Power & Light Co	**996**	**188.6**	**46.86**	**0.79**	**25**	**572.3**	**33.17**	**0.20**	**-**	**-**	**-**	**99**	**1**	**-**
Asheville (NC)	82	192.2	48.26	0.77	12	584.5	33.88	0.20	-	-	-	97	3	-
Cape Fear (NC)	48	160.4	39.80	0.80	-	-	-	-	-	-	-	100	-	-
Lee (NC)	69	164.9	40.75	0.82	4	559.2	32.41	0.20	-	-	-	99	1	-
Mayo (NC)	153	202.8	50.08	0.66	1	558.7	32.38	0.20	-	-	-	100	*	-
Robinson (SC)	46	191.7	47.45	1.04	-	-	-	-	-	-	-	100	-	-
Roxboro (NC)	458	188.8	46.73	0.77	7	558.2	32.36	0.20	-	-	-	100	*	-
Sutton (NC)	123	194.5	49.10	0.88	2	577.0	33.44	0.20	-	-	-	100	*	-
Weatherspoon (NC)	18	165.0	41.54	1.16	-	-	-	-	-	-	-	100	-	-
Cedar Falls City of	**5**	**171.3**	**42.65**	**1.36**	**-**	**-**	**-**	**-**	**1**	**576.0**	**5.76**	**99**	**-**	**1**
Streeter (IA)	5	171.3	42.65	1.36	-	-	-	-	1	576.0	5.76	99	-	1
Central Electric Pwr Coop-MO	**30**	**112.7**	**20.60**	**0.47**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Chamois (MO)	30	112.7	20.60	0.47	-	-	-	-	-	-	-	100	-	-
Central Illinois Light Co	**236**	**155.8**	**33.90**	**1.89**	**1**	**744.5**	**43.46**	**0.03**	**-**	**-**	**-**	**100**	**-**	**-**
Duck Creek (IL)	84	163.4	34.90	3.38	1	744.5	43.46	0.03	-	-	-	100	*	-
Edwards (IL)	152	151.8	33.35	1.07	-	-	-	-	-	-	-	100	-	-
Central Iowa Power Coop	**13**	**138.6**	**31.41**	**2.55**	**-**	**-**	**-**	**-**	**2**	**553.4**	**5.56**	**99**	**-**	**1**
Fair Station (IA)	13	138.6	31.41	2.55	-	-	-	-	2	553.4	5.56	99	-	1
Central Louisiana Elec Co Inc	**518**	**135.7**	**20.10**	**0.81**	**-**	**-**	**-**	**-**	**1,369**	**438.0**	**4.49**	**85**	**-**	**15**
Dolet Hills (LA)	350	134.0	18.08	0.98	-	-	-	-	3	534.2	5.51	100	-	*
Rodemacher (LA)	168	138.5	24.30	0.47	-	-	-	-	500	433.1	4.38	85	-	15
Teche (LA)	-	-	-	-	-	-	-	-	867	440.5	4.55	-	-	100
Central Operating Co	**168**	**123.2**	**29.58**	**0.95**	**1**	**662.2**	**38.21**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Sporn (WV)	168	123.2	29.58	0.95	1	662.2	38.21	-	-	-	-	100	*	-
Chugach Electric Assn Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1,066**	**198.2**	**1.98**	**-**	**-**	**100**
Beluga (AK)	-	-	-	-	-	-	-	-	1,066	198.2	1.98	-	-	100
Colorado Springs City of	**176**	**89.6**	**18.66**	**0.40**	**-**	**-**	**-**	**-**	**232**	**355.4**	**3.52**	**94**	**-**	**6**
Birdsall (CO)	-	-	-	-	-	-	-	-	216	351.6	3.49	-	-	100
Drake (CO)	94	94.0	21.63	0.49	-	-	-	-	9	456.4	4.53	100	-	*
Nixon (CO)	82	83.3	15.27	0.29	-	-	-	-	7	342.1	3.39	100	-	*
Columbia City of	**2**	**231.4**	**61.55**	**1.39**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Columbia (MO)	2	231.4	61.55	1.39	-	-	-	-	-	-	-	100	-	-
Columbus & Southern Ohio El Co	**405**	**130.5**	**30.53**	**2.65**	**1**	**576.3**	**33.38**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Conesville (OH)	387	131.1	30.70	2.69	1	576.3	33.38	-	-	-	-	100	*	-
Picway (OH)	18	117.4	26.82	1.78	-	-	-	-	-	-	-	100	-	-
Consolidated Edison Co-NY Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**685**	**467.9**	**4.83**	**-**	**-**	**100**
East River (NY)	-	-	-	-	-	-	-	-	231	467.9	4.83	-	-	100
Waterside (NY)	-	-	-	-	-	-	-	-	455	467.9	4.83	-	-	100
Consumers Power Co	**785**	**137.1**	**27.98**	**0.48**	**44**	**359.0**	**22.69**	**1.08**	**363**	**885.1**	**9.03**	**96**	**2**	**2**
Campbell (MI)	428	145.3	30.53	0.50	2	644.6	37.36	0.50	-	-	-	100	*	-
Cobb (MI)	60	140.7	28.30	0.60	-	-	-	-	20	613.1	6.25	98	-	2
Karn-Weadock (MI)	85	105.7	18.57	0.28	40	332.2	21.16	1.14	343	901.0	9.19	71	12	17
Weadock (MI)	159	132.8	27.70	0.53	2	670.3	38.85	0.50	-	-	-	100	*	-
Whiting (MI)	53	120.9	22.96	0.35	*	641.0	37.15	0.50	-	-	-	100	*	-
Coop Power Assn	**680**	**76.6**	**9.55**	**0.58**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Coal Creek (ND)	680	76.6	9.55	0.58	-	-	-	-	-	-	-	100	-	-
Dairyland Power Coop	**149**	**144.9**	**27.85**	**0.75**	**2**	**685.4**	**40.30**	**0.50**	**-**	**-**	**-**	**100**	**-**	**-**
Alma-Madgett (WI)	106	136.8	24.74	0.58	2	685.4	40.30	0.50	-	-	-	99	1	-
Genoa No.3 (WI)	44	161.0	35.32	1.16	-	-	-	-	-	-	-	100	-	-
Dayton Power & Light Co	**812**	**117.5**	**27.16**	**0.86**	**8**	**597.7**	**34.98**	**0.40**	**7**	**784.5**	**8.00**	**100**	**-**	**-**
Hutchings (OH)	19	139.9	35.97	0.78	-	-	-	-	7	784.5	8.00	99	-	1
Killen (OH)	173	120.4	28.94	0.63	-	-	-	-	-	-	-	100	-	-
Stuart (OH)	620	115.9	26.39	0.93	8	597.7	34.98	0.40	-	-	-	100	*	-
Denton City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8**	**439.0**	**4.58**	**-**	**-**	**100**
Spencer (TX)	-	-	-	-	-	-	-	-	8	439.0	4.58	-	-	100
Deseret Generation & Tran Coop	**171**	**172.4**	**32.58**	**0.36**	**-**	**514.5**	**29.82**	**0.10**	**-**	**-**	**-**	**100**	**-**	**-**
Bonanza (UT)	171	172.4	32.58	0.36	*	514.5	29.82	0.10	-	-	-	100	*	-
Detroit Edison Co	**1,809**	**109.3**	**21.43**	**0.54**	**2**	**659.4**	**38.01**	**0.34**	**387**	**137.3**	**8.15**	**94**	**-**	**6**
Belle River (MI)	435	90.8	17.01	0.34	*	649.6	37.60	0.10	-	-	-	100	*	-
Greenwood (MI)	-	-	-	-	-	-	-	-	1	405.3	4.07	-	-	100
Harbor Beach (MI)	17	181.4	48.47	0.89	1	674.6	38.63	0.40	-	-	-	99	1	-
Monroe (MI)	570	129.1	25.74	0.56	1	647.4	37.52	0.35	-	-	-	100	*	-
River Rouge (MI)	90	128.8	24.96	0.36	-	-	-	-	362	133.8	8.40	43	-	57
St Clair (MI)	550	96.1	19.27	0.72	-	-	-	-	24	458.1	4.62	100	-	*
Trenton Channel (MI)	147	111.8	20.62	0.38	-	-	-	-	-	-	-	100	-	-
Dover City of	**-**	**-**	**-**	**-**	**14**	**479.5**	**29.91**	**0.78**	**2**	**409.5**	**4.23**	**-**	**97**	**3**
Mckee Run (DE)	-	-	-	-	14	479.5	29.91	0.78	2	409.5	4.23	-	97	3
Duke Power Co	**1,251**	**166.6**	**40.84**	**0.88**	**12**	**543.9**	**31.75**	**0.30**	**-**	**-**	**-**	**100**	**-**	**-**
Allen (NC)	177	175.4	43.20	0.91	2	542.1	31.69	0.30	-	-	-	100	*	-
Belews Creek (NC)	414	167.4	41.15	0.84	4	559.8	32.64	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, November 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)			
Duke Power Co (Continued)														
Buck (NC)	44	182.4	43.34	0.70	-	-	-	-	-	-	-	100	-	-
Cliffside (NC)	101	184.8	46.30	1.05	1	552.5	32.26	0.30	-	-	-	100	*	-
Lee (SC)	18	167.5	43.39	0.89	3	541.7	31.64	0.30	-	-	-	96	4	-
Marshall (NC)	435	155.3	38.16	0.86	2	513.2	29.96	0.30	-	-	-	100	*	-
Riverbend (NC)	62	174.1	39.43	1.03	-	-	-	-	-	-	-	100	-	-
East Kentucky Power Coop	**315**	**128.6**	**30.97**	**0.97**	**-**	**616.0**	**35.86**	**0.12**	**-**	**-**	**-**	**100**	**-**	**-**
Cooper (KY)	86	124.9	30.48	1.26	*	591.0	34.40	0.12	-	-	-	100	*	-
Dale (KY)	49	136.4	33.63	0.83	*	641.0	37.31	0.12	-	-	-	100	*	-
Spurlock (KY)	180	128.2	30.49	0.87	-	-	-	-	-	-	-	100	-	-
El Paso Electric Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1,627**	**410.9**	**4.18**	**-**	**-**	**100**
Newman (TX)	-	-	-	-	-	-	-	-	983	422.0	4.30	-	-	100
Rio Grande (TX)	-	-	-	-	-	-	-	-	643	394.0	4.01	-	-	100
Electric Energy Inc	**398**	**91.1**	**16.07**	**0.25**	**-**	**-**	**-**	**-**	**29**	**501.9**	**5.21**	**100**	**-**	**-**
Joppa (IL)	398	91.1	16.07	0.25	-	-	-	-	29	501.9	5.21	100	-	*
Empire District Electric Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**289**	**399.4**	**4.09**	**-**	**-**	**100**
State Line (MO)	-	-	-	-	-	-	-	-	289	399.4	4.09	-	-	100
Fayetteville Public Works	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**	**585.8**	**6.07**	**-**	**-**	**100**
Butler Warner (NC)	-	-	-	-	-	-	-	-	1	585.8	6.07	-	-	100
Florida Power & Light Co	**-**	**-**	**-**	**-**	**2,530**	**412.3**	**26.19**	**0.95**	**16,244**	**457.3**	**4.74**	**-**	**49**	**51**
Cape Canaveral (FL)	-	-	-	-	290	390.8	24.87	1.00	458	457.3	4.74	-	80	20
Cutler (FL)	-	-	-	-	-	-	-	-	12	457.3	4.74	-	-	100
Fort Myers (FL)	-	-	-	-	17	649.4	36.00	0.05	5,232	457.3	4.73	-	2	98
Lauderdale (FL)	-	-	-	-	65	566.9	31.43	0.05	3,854	457.3	4.74	-	8	92
Manatee (FL)	-	-	-	-	1,193	412.2	26.22	0.98	17	457.3	4.74	-	100	*
Martin (FL)	-	-	-	-	162	417.5	26.53	0.90	596	457.3	4.74	-	62	38
Port Everglades (FL)	-	-	-	-	363	405.9	26.08	0.97	467	457.3	4.74	-	83	17
Putnam (FL)	-	-	-	-	-	-	-	-	1,664	457.3	4.74	-	-	100
Riviera (FL)	-	-	-	-	110	396.4	25.32	1.00	482	457.3	4.74	-	58	42
Sanford (FL)	-	-	-	-	70	413.2	26.32	0.94	2,527	457.3	4.74	-	15	85
Turkey Point (FL)	-	-	-	-	260	402.1	25.82	1.03	934	457.3	4.74	-	63	37
Florida Power Corp[4]	**464**	**221.5**	**56.06**	**0.87**	**586**	**383.0**	**25.23**	**1.61**	**135**	**540.5**	**5.40**	**72**	**24**	**5**
Anclote (FL)	-	-	-	-	1	583.2	34.15	0.49	135	518.2	5.18	-	4	96
Bartow (FL)	-	-	-	-	554	376.7	24.90	1.67	-	-	-	-	100	-
Crystal River (FL)	337	221.1	55.75	0.93	9	601.4	35.22	0.49	-	-	-	99	1	-
IMT Transfer (LA)	127	222.7	56.86	0.69	-	-	-	-	-	-	-	100	-	-
Suwannee (FL)	-	-	-	-	22	454.8	29.10	0.79	-	-	-	-	100	-
Fort Pierce City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**16**	**193.3**	**2.00**	**-**	**-**	**100**
H D King (FL)	-	-	-	-	-	-	-	-	16	193.3	2.00	-	-	100
Fremont City of	**28**	**119.8**	**20.88**	**0.20**	**-**	**-**	**-**	**-**	**11**	**522.0**	**5.22**	**98**	**-**	**2**
Wright (NE)	28	119.8	20.88	0.20	-	-	-	-	11	522.0	5.22	98	-	2
Gainesville City of	**80**	**213.0**	**54.85**	**0.70**	**13**	**485.3**	**31.38**	**1.01**	**514**	**434.1**	**4.50**	**77**	**3**	**20**
Deerhaven (FL)	80	213.0	54.85	0.70	13	485.3	31.38	1.01	342	434.1	4.51	82	3	14
Jr Kelly (FL)	-	-	-	-	-	-	-	-	173	434.1	4.50	-	-	100
Georgia Power Co	**2,189**	**168.8**	**38.93**	**0.76**	**10**	**528.2**	**30.72**	**0.50**	**1**	**563.9**	**5.85**	**100**	**-**	**-**
Atkinson-Mcdonough (GA)	65	152.5	38.43	0.94	-	-	-	-	-	-	-	100	-	-
Bowen (GA)	556	161.0	39.06	0.91	4	526.7	30.64	0.50	-	-	-	100	*	-
Hammond (GA)	101	154.8	39.31	0.99	3	520.5	30.28	0.50	-	-	-	99	1	-
Harllee Branch (GA)	244	174.7	42.90	1.03	2	534.1	31.07	0.50	-	-	-	100	*	-
Mitchell (GA)	21	178.6	45.57	0.98	-	-	-	-	-	-	-	100	-	-
Scherer (GA)	853	181.0	37.10	0.47	-	-	-	-	-	-	-	100	-	-
Wansley (GA)	229	157.7	39.64	0.85	-	-	-	-	1	563.9	5.85	100	-	*
Yates (GA)	120	161.2	40.76	1.16	2	536.1	31.18	0.50	-	-	-	100	*	-
Glendale City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**102**	**338.0**	**3.45**	**-**	**-**	**100**
Glendale (CA)	-	-	-	-	-	-	-	-	102	338.0	3.45	-	-	100
Grand Haven City of	**16**	**154.0**	**37.88**	**2.24**	**-**	**-**	**-**	**-**	**23**	**495.4**	**4.95**	**94**	**-**	**6**
J B Simms (MI)	16	154.0	37.88	2.24	-	-	-	-	23	495.4	4.95	94	-	6
Grand Island City of	**39**	**72.7**	**12.80**	**0.32**	**-**	**-**	**-**	**-**	**92**	**507.6**	**5.08**	**88**	**-**	**12**
Burdick (NE)	-	-	-	-	-	-	-	-	92	507.6	5.08	-	-	100
Platte (NE)	39	72.7	12.80	0.32	-	-	-	-	-	-	-	100	-	-
Grand River Dam Authority	**339**	**84.0**	**14.26**	**0.35**	**-**	**653.3**	**37.73**	**0.08**	**16**	**459.6**	**4.61**	**100**	**-**	**-**
GRDA No 1 (OK)	339	84.0	14.26	0.35	*	653.3	37.73	0.08	16	459.6	4.61	100	*	*
Gulf Power Co	**259**	**160.3**	**39.02**	**0.79**	**2**	**576.0**	**33.49**	**0.45**	**1,647**	**443.3**	**4.61**	**79**	**-**	**21**
Crist (FL)	196	159.3	38.81	0.85	1	556.7	32.35	0.45	6	392.1	4.05	100	*	*
Scholtz (FL)	8	159.2	39.34	0.86	-	-	-	-	-	-	-	100	-	-
Smith (FL)	55	163.8	39.74	0.53	1	595.3	34.63	0.45	1,641	443.5	4.61	44	*	56
Gulf States Utilities Co	**260**	**103.7**	**18.12**	**0.45**	**-**	**-**	**-**	**-**	**7,773**	**421.6**	**4.35**	**36**	**-**	**64**
Lewis Creek (TX)	-	-	-	-	-	-	-	-	1,107	406.2	4.19	-	-	100
Nelson (LA)	260	103.7	18.12	0.45	-	-	-	-	1,964	423.6	4.39	69	-	31
Sabine (TX)	-	-	-	-	-	-	-	-	4,700	424.4	4.36	-	-	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, November 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)			
Gulf States Utilities Co (Continued)														
Willow Glen (LA)	-	-	-	-	-	-	-	-	1	471.1	4.85	-	-	100
Hamilton City of	**10**	**160.5**	**40.51**	**0.72**	**-**	**-**	**-**	**-**	**7**	**451.0**	**4.62**	**97**	**-**	**3**
Hamilton (OH)	10	160.5	40.51	0.72	-	-	-	-	7	451.0	4.62	97	-	3
Hastings City of	**53**	**69.7**	**11.75**	**0.35**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Hastings (NE)	53	69.7	11.75	0.35	-	-	-	-	-	-	-	100	-	-
Holland City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**10**	**439.7**	**4.48**	**-**	**-**	**100**
James De Young (MI)	-	-	-	-	-	-	-	-	10	439.7	4.48	-	-	100
Holyoke Water Power Co	**17**	**236.9**	**61.78**	**0.71**	**-**	**559.5**	**32.38**	**0.27**	**-**	**-**	**-**	**100**	**-**	**-**
Mount Tom (MA)	17	236.9	61.78	0.71	*	559.5	32.38	0.27	-	-	-	100	*	-
Hoosier Energy R E C Inc	**337**	**103.7**	**22.90**	**2.60**	**-**	**601.3**	**34.85**	**0.10**	**-**	**-**	**-**	**100**	**-**	**-**
Frank E Ratts (IN)	58	104.8	23.24	1.28	*	601.3	34.85	0.10	-	-	-	100	*	-
Merom (IN)	278	103.4	22.83	2.87	-	-	-	-	-	-	-	100	-	-
IES Utilities	**427**	**90.3**	**15.65**	**0.30**	**6**	**937.5**	**55.13**	**-**	**99**	**522.1**	**5.22**	**98**	**-**	**1**
6th St (IA)	25	147.2	31.15	0.37	-	-	-	-	76	448.8	4.49	87	-	13
Burlington (IA)	59	89.9	15.02	0.28	-	-	-	-	6	638.7	6.39	99	-	1
Ottumwa (IA)	245	73.6	12.39	0.30	6	937.5	55.13	-	-	-	-	99	1	-
Praire Creek (IA)	43	106.0	17.87	0.32	-	-	-	-	17	805.6	8.06	98	-	2
Sutherland (IA)	57	116.3	21.95	0.27	-	-	-	-	-	-	-	100	-	-
Imperial Irrigation District	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**61**	**413.0**	**4.18**	**-**	**-**	**100**
El Centro (CA)	-	-	-	-	-	-	-	-	61	413.0	4.18	-	-	100
Independence City of	**10**	**138.1**	**29.22**	**3.19**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Blue Valley (MO)	10	138.1	29.22	3.19	-	-	-	-	-	-	-	100	-	-
Indiana & Michigan Electric Co	**999**	**117.9**	**23.15**	**0.61**	**24**	**650.4**	**37.33**	**-**	**-**	**-**	**-**	**99**	**1**	**-**
Rockport (IN)	772	118.3	21.86	0.34	22	642.4	36.82	-	-	-	-	99	1	-
Tanners Creek (IN)	228	116.7	27.55	1.52	2	766.5	45.04	-	-	-	-	100	*	-
Indiana-Kentucky Electric Corp	**339**	**124.0**	**26.56**	**0.71**	**1**	**633.6**	**36.19**	**0.30**	**-**	**-**	**-**	**100**	**-**	**-**
Clifty Creek (IN)	339	124.0	26.56	0.71	1	633.6	36.19	0.30	-	-	-	100	*	-
Indianapolis Power & Light Co	**613**	**98.0**	**21.86**	**2.49**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Petersburg (IN)	413	92.4	20.82	3.02	-	-	-	-	-	-	-	100	-	-
Pritchard (IN)	77	112.2	24.88	1.18	-	-	-	-	-	-	-	100	-	-
Stout (IN)	124	108.4	23.47	1.52	-	-	-	-	-	-	-	100	-	-
Interstate Power Co	**21**	**128.4**	**21.62**	**0.25**	**2**	**651.6**	**38.32**	**-**	**21**	**436.5**	**4.37**	**92**	**3**	**5**
Dubuque (IA)	-	-	-	-	-	-	-	-	3	912.3	9.12	-	-	100
Fox Lake (MN)	-	-	-	-	-	-	-	-	18	357.1	3.57	-	-	100
Kapp (IA)	21	128.4	21.62	0.25	-	-	-	-	-	-	-	100	-	-
Lansing (IA)	-	-	-	-	2	651.6	38.32	-	-	-	-	-	100	-
Jacksonville Electric Auth	**226**	**159.8**	**40.06**	**1.58**	**325**	**417.3**	**26.41**	**1.62**	**407**	**458.7**	**4.83**	**70**	**25**	**5**
Northside (FL)	30	175.2	44.92	2.78	320	415.2	26.31	1.64	407	458.7	4.83	24	63	13
St Johns River (FL)	196	157.4	39.31	1.39	5	556.1	32.47	0.35	-	-	-	99	1	-
Jamestown City of	**9**	**135.9**	**33.86**	**1.62**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Samuel A Carlson (NY)	9	135.9	33.86	1.62	-	-	-	-	-	-	-	100	-	-
Kansas City City of	**135**	**84.1**	**14.01**	**0.35**	**-**	**-**	**-**	**-**	**108**	**404.3**	**4.05**	**95**	**-**	**5**
Nearman (KS)	81	73.3	11.78	0.40	-	-	-	-	-	-	-	100	-	-
Quindaro (KS)	54	99.0	17.40	0.28	-	-	-	-	108	404.3	4.05	90	-	10
Kansas City Power & Light Co	**1,105**	**74.5**	**13.01**	**0.44**	**15**	**584.7**	**33.77**	**0.23**	**13**	**455.9**	**4.56**	**99**	**-**	**-**
Hawthorne (MO)	164	63.4	10.91	0.35	-	-	-	-	13	455.9	4.56	100	-	*
Iatan (MO)	270	72.2	12.64	0.29	-	-	-	-	-	-	-	100	-	-
La Cygne (KS)	505	73.0	12.77	0.55	10	581.3	33.62	0.23	-	-	-	99	1	-
Montrose (MO)	167	93.7	16.38	0.42	5	591.4	34.07	0.23	-	-	-	99	1	-
Kansas Gas & Electric Co	**-**	**-**	**-**	**-**	**42**	**263.9**	**17.62**	**1.70**	**26**	**415.9**	**4.29**	**-**	**91**	**9**
Evans (KS)	-	-	-	-	42	263.9	17.62	1.70	24	415.9	4.29	-	92	8
Gill (KS)	-	-	-	-	-	-	-	-	2	415.9	4.28	-	-	100
Kansas Power & Light Co	**1,203**	**109.3**	**18.59**	**0.39**	**8**	**458.0**	**28.09**	**0.68**	**9**	**419.4**	**4.24**	**100**	**-**	**-**
Hutchinson (KS)	-	-	-	-	3	305.1	20.37	1.70	-	-	-	-	100	-
Jeffrey Energy Cnt (KS)	921	113.7	19.16	0.40	5	567.3	32.88	0.05	-	-	-	100	*	-
Lawrence (KS)	206	95.2	16.68	0.38	-	-	-	-	3	419.4	4.24	100	-	*
Tecumseh (KS)	76	96.2	16.83	0.37	-	-	-	-	6	419.4	4.24	100	-	*
Kentucky Power Co	**27**	**112.5**	**27.99**	**0.91**	**2**	**587.8**	**34.51**	**-**	**-**	**-**	**-**	**98**	**2**	**-**
Big Sandy (KY)	27	112.5	27.99	0.91	2	587.8	34.51	-	-	-	-	98	2	-
Kentucky Utilities Co	**628**	**137.4**	**32.35**	**1.47**	**3**	**593.4**	**34.89**	**0.40**	**-**	**-**	**-**	**100**	**-**	**-**
Brown (KY)	64	143.1	34.64	1.48	-	-	-	-	-	-	-	100	-	-
Ghent (KY)	517	136.5	31.87	1.42	1	573.3	33.71	0.40	-	-	-	100	*	-
Green River (KY)	36	137.6	34.37	2.51	2	608.9	35.81	0.40	-	-	-	99	1	-
Tyrone (KY)	11	139.0	35.14	0.79	-	-	-	-	-	-	-	100	-	-
Lafayette City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**461**	**410.2**	**4.29**	**-**	**-**	**100**
Bonin (LA)	-	-	-	-	-	-	-	-	461	410.2	4.29	-	-	100
Lansing City of	**140**	**140.5**	**26.09**	**0.33**	**1**	**341.0**	**19.76**	**0.30**	**-**	**-**	**-**	**100**	**-**	**-**
Eckert (MI)	87	131.9	23.14	0.29	1	341.0	19.76	0.30	-	-	-	100	*	-
Erickson (MI)	52	153.0	31.01	0.40	1	341.0	19.76	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, November 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)			
Long Island Lighting Co	**-**	**-**	**-**	**-**	**1,080**	**370.3**	**23.65**	**0.87**	**2,498**	**511.6**	**5.26**	**-**	**73**	**27**
Barrett (NY)	-	-	-	-	-	-	-	-	1,301	499.0	5.17	-	-	100
Far Rockaway (NY)	-	-	-	-	-	-	-	-	362	533.0	5.53	-	-	100
Glenwood (NY)	-	-	-	-	-	-	-	-	348	523.1	5.37	-	-	100
Northport (NY)	-	-	-	-	869	370.9	23.68	0.85	446	504.0	5.06	-	93	7
Port Jefferson (NY)	-	-	-	-	211	368.0	23.56	0.92	42	710.0	7.14	-	97	3
Los Angeles City of	**482**	**103.2**	**24.33**	**0.69**	**-**	**-**	**-**	**-**	**2,396**	**389.0**	**3.95**	**82**	**-**	**18**
Harbor (CA)	-	-	-	-	-	-	-	-	100	389.0	3.94	-	-	100
Haynes (CA)	-	-	-	-	-	-	-	-	1,710	389.0	3.95	-	-	100
Intermountain (UT)	482	103.2	24.33	0.69	-	-	-	-	-	-	-	100	-	-
Scattergood (CA)	-	-	-	-	-	-	-	-	529	389.0	3.97	-	-	100
Valley (CA)	-	-	-	-	-	-	-	-	57	389.0	3.97	-	-	100
Louisiana Power & Light Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6,368**	**457.2**	**4.73**	**-**	**-**	**100**
Little Gypsy (LA)	-	-	-	-	-	-	-	-	785	478.8	4.95	-	-	100
Nine Mile (LA)	-	-	-	-	-	-	-	-	4,278	453.0	4.69	-	-	100
Sterlington (LA)	-	-	-	-	-	-	-	-	664	436.6	4.50	-	-	100
Waterford (LA)	-	-	-	-	-	-	-	-	641	479.5	4.96	-	-	100
Louisville Gas & Electric Co	**548**	**113.2**	**25.89**	**3.40**	**1**	**626.5**	**36.84**	**0.25**	**72**	**479.0**	**4.91**	**99**	**-**	**1**
Cane Run (KY)	135	114.8	26.33	3.39	-	-	-	-	16	479.0	4.91	99	-	1
Mill Creek (KY)	262	111.6	25.40	3.39	-	-	-	-	56	479.0	4.91	99	-	1
Trimble County (KY)	151	114.4	26.34	3.42	1	626.5	36.84	0.25	-	-	-	100	*	-
Lower Colorado River Authority	**637**	**101.7**	**17.15**	**0.34**	**-**	**-**	**-**	**-**	**1,995**	**384.8**	**3.97**	**84**	**-**	**16**
Gideon (TX)	-	-	-	-	-	-	-	-	1,144	389.6	4.05	-	-	100
Sam Seymour (TX)	637	101.7	17.15	0.34	-	-	-	-	-	-	-	100	-	-
T C Ferguson (TX)	-	-	-	-	-	-	-	-	852	378.3	3.87	-	-	100
Lubbock City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**435**	**365.6**	**3.69**	**-**	**-**	**100**
Holly Ave (TX)	-	-	-	-	-	-	-	-	313	366.6	3.69	-	-	100
Plant 2 (TX)	-	-	-	-	-	-	-	-	122	363.0	3.70	-	-	100
Madison Gas & Electric Co	**18**	**162.6**	**35.50**	**1.47**	**-**	**-**	**-**	**-**	**45**	**458.9**	**4.59**	**90**	**-**	**10**
Blount (WI)	18	162.6	35.50	1.47	-	-	-	-	45	458.9	4.59	90	-	10
Manitowoc Public Utilities	**3**	**202.7**	**53.33**	**1.15**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Manitowoc (WI)	3	202.7	53.33	1.15	-	-	-	-	-	-	-	100	-	-
Marquette City of	**25**	**126.5**	**23.64**	**0.29**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Shiras (MI)	25	126.5	23.64	0.29	-	-	-	-	-	-	-	100	-	-
Massachusetts Mun Wholes El Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**452**	**464.1**	**4.76**	**-**	**-**	**100**
Stonybrook (MA)	-	-	-	-	-	-	-	-	452	464.1	4.76	-	-	100
Medina Electric Coop Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**41**	**413.0**	**4.78**	**-**	**-**	**100**
Pearsall (TX)	-	-	-	-	-	-	-	-	41	413.0	4.78	-	-	100
Michigan South Central Pwr Agy	**14**	**175.5**	**41.17**	**2.62**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Project I (MI)	14	175.5	41.17	2.62	-	-	-	-	-	-	-	100	-	-
MidAmerican Energy	**916**	**84.7**	**14.55**	**0.30**	**1**	**624.9**	**35.70**	**-**	**71**	**498.7**	**5.00**	**100**	**-**	**-**
Council Bluffs (IA)	290	86.8	14.87	0.27	-	-	-	-	6	296.2	2.97	100	-	*
George Neal 1-4 (IA)	362	74.0	12.70	0.34	1	624.9	35.70	-	26	517.4	5.17	99	*	*
Louisa (IA)	224	101.2	17.43	0.30	-	-	-	-	11	491.4	4.98	100	-	*
Riverside (IA)	40	73.8	12.93	0.28	-	-	-	-	28	528.3	5.28	96	-	4
Minnesota Power & Light Co	**445**	**118.0**	**21.24**	**0.53**	**-**	**700.6**	**40.31**	**0.20**	**-**	**-**	**-**	**100**	**-**	**-**
Boswell Energy Center (MN)	412	117.7	21.13	0.54	-	-	-	-	-	-	-	100	-	-
Laskin Energy Center (MN)	32	121.1	22.67	0.39	*	700.6	40.31	0.20	-	-	-	100	*	-
Minnkota Power Coop Inc	**323**	**59.5**	**7.97**	**0.78**	**1**	**621.1**	**36.52**	**0.40**	**-**	**-**	**-**	**100**	**-**	**-**
Young (ND)	323	59.5	7.97	0.78	1	621.1	36.52	0.40	-	-	-	100	*	-
Mississippi Power & Light Co	**-**	**-**	**-**	**-**	**3**	**364.7**	**22.64**	**1.70**	**1,717**	**427.1**	**4.39**	**-**	**1**	**99**
Brown (MS)	-	-	-	-	*	538.1	31.80	0.50	114	425.9	4.33	-	*	100
Gerald Andrus (MS)	-	-	-	-	2	310.9	19.66	2.13	1,243	426.6	4.39	-	1	99
Wilson (MS)	-	-	-	-	1	527.1	31.01	0.50	359	429.2	4.41	-	1	99
Mississippi Power Co	**307**	**160.7**	**38.00**	**0.64**	**-**	**-**	**-**	**-**	**2,107**	**410.1**	**4.23**	**77**	**-**	**23**
Daniel (MS)	191	165.4	39.18	0.62	-	-	-	-	1,609	409.8	4.23	73	-	27
Eaton (MS)	-	-	-	-	-	-	-	-	1	445.7	4.60	-	-	100
Petal Gas (MS)	-	-	-	-	-	-	-	-	340	412.0	4.25	-	-	100
Sweatt (MS)	-	-	-	-	-	-	-	-	1	395.3	4.05	-	-	100
Watson (MS)	117	153.1	36.09	0.67	-	-	-	-	157	408.3	4.22	94	-	6
Monongahela Power Co	**221**	**118.6**	**29.72**	**2.80**	**-**	**615.5**	**36.45**	**0.30**	**8**	**902.7**	**9.03**	**100**	**-**	**-**
Albright (WV)	12	115.3	28.96	1.66	*	601.5	35.62	0.30	-	-	-	99	1	-
Ft Martin (WV)	41	110.2	28.02	1.75	*	458.1	27.13	0.30	-	-	-	100	*	-
Harrison (WV)	96	124.9	31.03	3.35	*	639.3	37.86	0.30	2	787.6	7.88	100	*	*
Pleasants (WV)	41	101.8	25.11	3.94	*	839.8	49.73	0.30	4	1,099.7	11.00	100	*	*
Rivesville (WV)	6	130.2	31.48	1.12	*	674.0	39.91	0.30	-	-	-	99	1	-
Willow Island (WV)	25	134.4	35.11	1.43	-	-	-	-	2	635.0	6.35	100	-	*
Montana-Dakota Utilities Co	**77**	**97.1**	**13.24**	**0.53**	**-**	**-**	**-**	**-**	**-**	**500.8**	**5.21**	**100**	**-**	**-**
Heskett (ND)	46	99.2	13.96	0.55	-	-	-	-	-	-	-	100	-	-
Lewis and Clark (MT)	30	93.5	12.13	0.49	-	-	-	-	*	500.8	5.21	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, November 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)			
Morgan City City of	-	-	-	-	-	-	-	-	**97**	**420.2**	**4.42**	-	-	**100**
Morgan City (LA)	-	-	-	-	-	-	-	-	97	420.2	4.42	-	-	100
Muscatine City of	**110**	**77.8**	**13.09**	**0.71**	-	-	-	-	**22**	**463.9**	**4.69**	**99**	-	**1**
Muscatine (IA)	110	77.8	13.09	0.71	-	-	-	-	22	463.9	4.69	99	-	1
Nebraska Public Power District	**684**	**52.4**	**9.00**	**0.30**	-	**658.7**	**38.22**	**0.10**	**17**	**20.4**	**0.20**	**100**	-	-
Gerald Gentleman (NE)	587	48.8	8.33	0.30	*	658.7	38.22	0.10	16	1.6	0.02	100	*	*
Sheldon (NE)	97	73.2	13.05	0.30	-	-	-	-	1	621.7	6.22	100	-	*
Nevada Power Co	**402**	**138.6**	**33.05**	**0.69**	**6**	**583.2**	**34.07**	**0.30**	**3,217**	**403.0**	**4.17**	**74**	-	**26**
Clark (NV)	-	-	-	-	-	-	-	-	3,052	403.0	4.17	-	-	100
Gardner (NV)	402	138.6	33.05	0.69	6	583.2	34.07	0.30	-	-	-	100	*	-
Sunrise (NV)	-	-	-	-	-	-	-	-	165	403.0	4.16	-	-	100
New Orleans Public Service Inc	-	-	-	-	-	**536.3**	**31.67**	**0.50**	**1,678**	**431.8**	**4.47**	-	-	**100**
Michoud (LA)	-	-	-	-	-	-	-	-	1,678	431.8	4.47	-	-	100
Paterson (LA)	-	-	-	-	*	536.3	31.67	0.50	-	-	-	-	100	-
Northern Indiana Pub Serv Co	**678**	**131.0**	**27.68**	**1.51**	-	-	-	-	**29**	**494.0**	**4.96**	**100**	-	-
Bailly (IN)	150	114.1	25.96	2.87	-	-	-	-	1	593.2	5.95	100	-	*
Michigan City (IN)	143	129.1	23.75	0.34	-	-	-	-	14	441.7	4.43	99	-	1
Rollin Schahfer (IN)	385	138.6	29.80	1.41	-	-	-	-	14	535.2	5.37	100	-	*
Northern States Power Co	**1,085**	**99.9**	**17.57**	**0.40**	-	-	-	-	**118**	**500.2**	**5.01**	**99**	-	**1**
Bay Front (WI)	3	160.0	36.14	0.38	-	-	-	-	-	-	-	100	-	-
Black Dog (MN)	48	122.0	21.44	0.20	-	-	-	-	111	493.9	4.95	88	-	12
High Bridge (MN)	65	110.8	19.70	0.20	-	-	-	-	7	595.5	5.98	99	-	1
King (MN)	159	118.5	21.09	0.32	-	-	-	-	-	-	-	100	-	-
Riverside (MN)	103	107.8	19.34	0.19	-	-	-	-	-	-	-	100	-	-
Sherburne County (MN)	707	91.6	16.00	0.48	-	-	-	-	-	-	-	100	-	-
Ohio Power Co	**1,240**	**115.1**	**28.63**	**2.41**	**24**	**583.2**	**34.01**	-	-	-	-	**100**	-	-
Gavin (OH)	527	100.9	24.67	3.70	12	563.4	32.82	-	-	-	-	99	1	-
Kammer (WV)	138	113.5	29.34	1.46	*	702.1	41.11	-	-	-	-	100	*	-
Mitchell (WV)	314	127.1	31.35	0.96	9	597.9	34.92	-	-	-	-	99	1	-
Muskingum (OH)	262	129.6	32.97	2.05	3	614.9	35.85	-	-	-	-	100	*	-
Ohio Valley Electric Corp	**276**	**109.2**	**27.86**	**1.80**	**1**	**623.6**	**35.62**	**0.30**	-	-	-	**100**	-	-
Kyger Creek (OH)	276	109.2	27.86	1.80	1	623.6	35.62	0.30	-	-	-	100	*	-
Oklahoma Gas & Electric Co	**975**	**87.8**	**15.43**	**0.25**	-	-	-	-	**2,553**	**506.3**	**5.25**	**87**	-	**13**
Muskogee (OK)	568	88.6	15.60	0.25	-	-	-	-	49	506.3	5.25	99	-	1
Mustang (OK)	-	-	-	-	-	-	-	-	620	506.3	5.25	-	-	100
Seminole (OK)	-	-	-	-	-	-	-	-	1,884	506.3	5.25	-	-	100
Sooner (OK)	407	86.8	15.19	0.25	-	-	-	-	-	-	-	100	-	-
Omaha Public Power District	**359**	**60.4**	**10.60**	**0.29**	**2**	**597.8**	**34.65**	**0.20**	**37**	**464.2**	**4.64**	**99**	-	**1**
Nebraska City (NE)	185	58.3	10.21	0.29	2	597.8	34.65	0.20	-	-	-	100	*	-
North Omaha (NE)	173	62.6	11.02	0.29	-	-	-	-	37	464.2	4.64	99	-	1
Orlando Utilities Comm	**124**	**163.2**	**41.46**	**1.13**	-	-	-	-	-	-	-	**100**	-	-
Stanton Energy (FL)	124	163.2	41.46	1.13	-	-	-	-	-	-	-	100	-	-
Orrville City of	**29**	**123.1**	**28.76**	**3.55**	-	-	-	-	-	-	-	**100**	-	-
Orrville (OH)	29	123.1	28.76	3.55	-	-	-	-	-	-	-	100	-	-
Otter Tail Power Co	**454**	**104.3**	**16.46**	**0.65**	-	-	-	-	-	-	-	**100**	-	-
Big Stone (SD)	188	125.9	21.46	0.32	-	-	-	-	-	-	-	100	-	-
Coyote (ND)	210	71.2	9.90	1.05	-	-	-	-	-	-	-	100	-	-
Hoot Lake (MN)	56	130.7	24.23	0.29	-	-	-	-	-	-	-	100	-	-
Pacific Gas & Electric Co	-	-	-	-	-	-	-	-	**1,197**	**410.5**	**4.17**	-	-	**100**
Humboldt Bay (CA)	-	-	-	-	-	-	-	-	318	410.5	4.19	-	-	100
Hunters Point (CA)	-	-	-	-	-	-	-	-	880	410.5	4.16	-	-	100
PacifiCorp	**1,836**	**84.0**	**16.45**	**0.53**	**6**	**698.5**	**41.07**	**0.30**	**134**	**375.4**	**3.95**	**100**	-	-
Carbon (UT)	29	71.8	16.96	0.50	-	-	-	-	-	-	-	100	-	-
Emery-Hunter (UT)	356	75.9	17.53	0.48	-	-	-	-	-	-	-	100	-	-
Gadsby (UT)	-	-	-	-	-	-	-	-	115	345.5	3.63	-	-	100
Huntington (UT)	209	76.8	17.26	0.48	2	710.0	41.75	0.30	-	-	-	100	*	-
Jim Bridger (WY)	587	101.5	18.84	0.49	4	692.8	40.74	0.30	-	-	-	100	*	-
Johnston (WY)	283	61.7	10.34	0.40	-	-	-	-	-	-	-	100	-	-
Naughton (WY)	192	107.1	21.10	1.00	-	-	-	-	19	556.3	5.84	99	-	1
Wyodak (WY)	180	62.6	10.15	0.57	-	-	-	-	-	-	-	100	-	-
Painesville City of	**7**	**140.4**	**34.96**	**2.42**	-	-	-	-	**1**	**680.6**	**6.81**	**99**	-	**1**
Painesville (OH)	7	140.4	34.96	2.42	-	-	-	-	1	680.6	6.81	99	-	1
Platte River Power Authority	**48**	**62.6**	**11.06**	**0.28**	-	-	-	-	-	-	-	**100**	-	-
Rawhide (CO)	48	62.6	11.06	0.28	-	-	-	-	-	-	-	100	-	-
Portland General Electric Co	**196**	**131.3**	**22.75**	**0.29**	-	-	-	-	**1,462**	**344.4**	**3.51**	**69**	-	**31**
Beaver (OR)	-	-	-	-	-	-	-	-	471	365.9	3.73	-	-	100
Boardman (OR)	196	131.3	22.75	0.29	-	-	-	-	-	-	-	100	-	-
Coyote Springs (OR)	-	-	-	-	-	-	-	-	990	334.1	3.41	-	-	100
PSI Energy Inc	**1,381**	**116.0**	**25.77**	**1.68**	**12**	**602.1**	**34.64**	**0.30**	-	-	-	**100**	-	-
Cayuga (IN)	217	129.8	28.29	1.18	2	650.9	37.45	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, November 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)			
PSI Energy Inc (Continued)														
Edwardsport (IN)	18	126.4	28.60	2.35	-	-	-	-	-	-	-	100	-	-
Gallagher (IN)	143	116.3	27.69	2.01	4	589.5	33.92	0.30	-	-	-	99	1	-
Gibson Station (IN)	854	111.8	24.76	1.73	4	579.1	33.32	0.30	-	-	-	100	*	-
Noblesville (IN)	-	-	-	-	1	649.3	37.36	0.30	-	-	-	-	100	-
Wabash River (IN)	149	118.5	25.69	1.67	1	607.4	34.95	0.30	-	-	-	100	*	-
Public Service Co of Colorado	**734**	**94.3**	**18.05**	**0.38**	**-**	**-**	**-**	**-**	**3,660**	**315.1**	**3.14**	**79**	**-**	**21**
Arapahoe (CO)	70	96.2	16.89	0.31	-	-	-	-	100	308.9	2.76	93	-	7
Cameo (CO)	23	100.0	21.99	0.52	-	-	-	-	13	367.6	3.71	97	-	3
Cherokee (CO)	98	100.4	23.02	0.51	-	-	-	-	14	330.4	3.29	99	-	1
Comanche (CO)	191	70.9	12.18	0.28	-	-	-	-	2	338.7	3.37	100	-	*
Fort St. Vrain (CO)	-	-	-	-	-	-	-	-	3,323	307.2	3.07	-	-	100
Hayden (CO)	145	99.0	20.42	0.44	-	-	-	-	-	-	-	100	-	-
Pawnee (CO)	146	96.0	16.23	0.38	-	-	-	-	1	354.3	3.59	100	-	*
Valmont (CO)	62	123.5	26.96	0.41	-	-	-	-	3	409.6	4.04	100	-	*
Zuni (CO)	-	-	-	-	-	-	-	-	204	442.0	4.40	-	-	100
Public Service Co of NH	**126**	**175.7**	**46.25**	**1.11**	**107**	**341.9**	**21.89**	**1.82**	**-**	**-**	**-**	**83**	**17**	**-**
Merrimack (NH)	83	196.1	53.37	1.30	*	573.8	33.21	0.27	-	-	-	100	*	-
Newington Station (NH)	-	-	-	-	107	341.4	21.86	1.82	-	-	-	-	100	-
Schiller (NH)	44	133.1	32.78	0.75	-	-	-	-	-	-	-	100	-	-
Public Service Co of NM	**445**	**186.6**	**37.34**	**0.65**	**11**	**552.9**	**31.58**	**-**	**26**	**202.2**	**2.08**	**99**	**1**	**-**
Reeves (NM)	-	-	-	-	-	-	-	-	26	202.2	2.08	-	-	100
San Juan (NM)	445	186.6	37.34	0.65	11	552.9	31.58	-	-	-	-	99	1	-
Public Service Co of Oklahoma	**363**	**101.7**	**17.97**	**0.39**	**-**	**-**	**-**	**-**	**2,650**	**467.0**	**4.82**	**70**	**-**	**30**
Comanche (CS) (OK)	-	-	-	-	-	-	-	-	574	479.8	4.92	-	-	100
Northeastern (OK)	363	101.7	17.97	0.39	-	-	-	-	20	474.9	4.79	100	-	*
Riverside (OK)	-	-	-	-	-	-	-	-	1,416	457.2	4.71	-	-	100
Southwestern (OK)	-	-	-	-	-	-	-	-	640	476.9	4.97	-	-	100
Puget Sound Power & Light Co	**494**	**51.2**	**8.79**	**0.66**	**3**	**694.8**	**41.14**	**0.50**	**-**	**-**	**-**	**100**	**-**	**-**
Colstrip (MT)	494	51.2	8.79	0.66	3	694.8	41.14	0.50	-	-	-	100	*	-
Richmond City of	**33**	**145.1**	**34.84**	**1.99**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Whitewater (IN)	33	145.1	34.84	1.99	-	-	-	-	-	-	-	100	-	-
Rochester City of	**9**	**181.0**	**44.24**	**1.13**	**-**	**-**	**-**	**-**	**4**	**592.2**	**5.98**	**98**	**-**	**2**
Silver Lake (MN)	9	181.0	44.24	1.13	-	-	-	-	4	592.2	5.98	98	-	2
Rochester Gas & Electric Corp	**61**	**147.1**	**38.72**	**2.24**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Russell Station 7 (NY)	61	147.1	38.72	2.24	-	-	-	-	-	-	-	100	-	-
S Mississippi Elec Pwr Assn	**31**	**167.3**	**41.58**	**1.02**	**-**	**-**	**-**	**-**	**408**	**407.0**	**4.21**	**65**	**-**	**35**
Moselle (MS)	-	-	-	-	-	-	-	-	408	407.0	4.21	-	-	100
R D Morrow (MS)	31	167.3	41.58	1.02	-	-	-	-	-	-	-	100	-	-
Sacramento Municipal Utility	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2,444**	**461.1**	**4.61**	**-**	**-**	**100**
Central Valley (CA)	-	-	-	-	-	-	-	-	407	461.1	4.61	-	-	100
SCA Cogen Proj (CA)	-	-	-	-	-	-	-	-	863	461.1	4.61	-	-	100
SPA Cogen Proj (CA)	-	-	-	-	-	-	-	-	1,174	461.2	4.61	-	-	100
Salt River Proj Ag I & P Dist	**1,009**	**112.2**	**24.01**	**0.54**	**-**	**-**	**-**	**-**	**1,202**	**390.0**	**3.95**	**95**	**-**	**5**
Agua Fria (AZ)	-	-	-	-	-	-	-	-	517	390.9	3.94	-	-	100
Coronado (AZ)	231	123.3	23.83	0.58	-	-	-	-	-	-	-	100	-	-
Kyrene (AZ)	-	-	-	-	-	-	-	-	315	393.9	3.99	-	-	100
Navajo (AZ)	778	109.3	24.07	0.53	-	-	-	-	-	-	-	100	-	-
Santan (AZ)	-	-	-	-	-	-	-	-	370	385.5	3.92	-	-	100
San Antonio City of	**392**	**115.4**	**19.59**	**0.32**	**-**	**-**	**-**	**-**	**2,592**	**407.2**	**4.11**	**72**	**-**	**28**
Arthur Rosenberg (TX)	-	-	-	-	-	-	-	-	1,074	407.2	4.09	-	-	100
Braunig (TX)	-	-	-	-	-	-	-	-	755	407.2	4.12	-	-	100
JT Deely/Spruce (TX)	392	115.4	19.59	0.32	-	-	-	-	12	407.2	4.11	100	-	*
Sommers (TX)	-	-	-	-	-	-	-	-	734	407.2	4.13	-	-	100
Tuttle (TX)	-	-	-	-	-	-	-	-	17	407.2	4.15	-	-	100
San Miguel Electric Coop Inc	**256**	**81.0**	**8.32**	**2.25**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
San Miguel (TX)	256	81.0	8.32	2.25	-	-	-	-	-	-	-	100	-	-
Savannah Electric & Power Co	**73**	**165.3**	**42.12**	**0.62**	**-**	**-**	**-**	**-**	**54**	**223.1**	**2.28**	**97**	**-**	**3**
Kraft (GA)	38	155.0	40.15	0.60	-	-	-	-	54	223.1	2.28	95	-	5
McIntosh (GA)	35	176.9	44.27	0.63	-	-	-	-	-	-	-	100	-	-
Seminole Electric Coop Inc	**286**	**164.7**	**40.16**	**3.04**	**5**	**586.9**	**34.02**	**0.29**	**1,880**	**493.8**	**4.94**	**78**	**-**	**21**
Payne Creek (FL)	-	-	-	-	-	-	-	-	1,880	493.8	4.94	-	-	100
Seminole (FL)	286	164.7	40.16	3.04	5	586.9	34.02	0.29	-	-	-	100	*	-
Sierra Pacific Power Co	**320**	**148.9**	**34.29**	**0.38**	**-**	**-**	**-**	**-**	**1,715**	**621.8**	**6.42**	**81**	**-**	**19**
Fort Churchill (NV)	-	-	-	-	-	-	-	-	841	618.7	6.45	-	-	100
North Valmy (NV)	320	148.9	34.29	0.38	-	-	-	-	-	-	-	100	-	-
Tracy (NV)	-	-	-	-	-	-	-	-	873	624.8	6.40	-	-	100
Sikeston City of	**100**	**111.5**	**19.54**	**0.31**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Sikeston (MO)	100	111.5	19.54	0.31	-	-	-	-	-	-	-	100	-	-
South Carolina Electric&Gas Co	**445**	**165.4**	**42.22**	**1.04**	**5**	**576.4**	**33.41**	**0.20**	**3**	**480.4**	**4.94**	**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, November 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)			
South Carolina Electric&Gas Co														
Canadys (SC)	80	157.8	40.54	1.24	-	-	-	-	*	468.3	4.81	100	-	*
Cope (SC)	67	158.8	39.86	0.90	1	587.0	34.02	0.20	-	-	-	100	*	-
Mcmeekin (SC)	*	161.7	40.43	0.80	-	-	-	-	-	-	-	100	-	-
Urguhart (SC)	54	167.0	43.53	1.33	-	-	-	-	3	480.4	4.94	100	-	*
Wateree (SC)	118	173.7	44.03	1.11	3	571.1	33.10	0.20	-	-	-	99	1	-
Williams (SC)	127	165.2	42.28	0.80	1	578.3	33.52	0.20	-	-	-	100	*	-
South Carolina Pub Serv Auth	**658**	**154.2**	**39.18**	**1.24**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Cross (SC)	256	147.8	37.50	1.32	-	-	-	-	-	-	-	100	-	-
Grainger (SC)	48	191.6	48.76	0.91	-	-	-	-	-	-	-	100	-	-
Jefferies (SC)	74	136.9	33.43	1.61	-	-	-	-	-	-	-	100	-	-
Winyah (SC)	280	158.0	40.61	1.13	-	-	-	-	-	-	-	100	-	-
Southern California Edison Co	**408**	**137.4**	**30.22**	**0.51**	**-**	**-**	**-**	**-**	**17**	**567.1**	**5.86**	**100**	**-**	**-**
Mohave (NV)	408	137.4	30.22	0.51	-	-	-	-	17	567.1	5.86	100	-	*
Southern Illinois Power Coop	**44**	**88.9**	**18.58**	**3.18**	**1**	**647.1**	**36.87**	**-**	**-**	**-**	**-**	**99**	**1**	**-**
Marion (IL)	44	88.9	18.58	3.18	1	647.1	36.87	-	-	-	-	99	1	-
Southwestern Electric Power Co	**1,222**	**143.4**	**23.04**	**0.55**	**2**	**544.2**	**32.00**	**-**	**222**	**412.0**	**4.40**	**99**	**-**	**1**
Flint Creek (AR)	216	154.7	26.35	0.24	2	544.2	32.00	-	-	-	-	100	*	-
Knox Lee (TX)	-	-	-	-	-	-	-	-	*	408.4	4.32	-	-	100
Pirkey (TX)	360	133.9	17.72	1.24	-	-	-	-	1	414.0	4.54	100	-	*
Welsh Station (TX)	646	143.8	24.90	0.27	-	-	-	-	-	-	-	100	-	-
Wilkes (TX)	-	-	-	-	-	-	-	-	221	412.0	4.40	-	-	100
Southwestern Public Service Co	**612**	**141.9**	**24.95**	**0.31**	**-**	**-**	**-**	**-**	**3,376**	**417.8**	**4.20**	**76**	**-**	**24**
Cunningham (NM)	-	-	-	-	-	-	-	-	853	419.5	4.20	-	-	100
Harrington (TX)	345	134.3	23.64	0.31	-	-	-	-	20	504.4	5.10	100	-	*
Jones (TX)	-	-	-	-	-	-	-	-	1,735	409.4	4.13	-	-	100
Maddox (NM)	-	-	-	-	-	-	-	-	124	502.4	5.07	-	-	100
Nichols (TX)	-	-	-	-	-	-	-	-	100	429.0	4.33	-	-	100
Plant X (TX)	-	-	-	-	-	-	-	-	530	415.2	4.16	-	-	100
Tolk (TX)	266	151.9	26.64	0.31	-	-	-	-	14	504.4	5.03	100	-	*
Springfield City of	**85**	**116.6**	**24.43**	**3.24**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Dallman (IL)	75	117.7	24.67	3.24	-	-	-	-	-	-	-	100	-	-
Lakeside (IL)	10	107.6	22.56	3.24	-	-	-	-	-	-	-	100	-	-
Springfield City of.	**148**	**111.5**	**20.03**	**0.21**	**-**	**-**	**-**	**-**	**8**	**385.7**	**3.92**	**100**	**-**	**-**
James River (MO)	78	113.0	20.29	0.22	-	-	-	-	6	385.7	3.92	100	-	*
Southwest (MO)	70	109.9	19.75	0.19	-	-	-	-	2	385.7	3.92	100	-	*
St Joseph Light & Power Co	**12**	**84.7**	**14.94**	**0.27**	**-**	**-**	**-**	**-**	**42**	**490.6**	**4.93**	**83**	**-**	**17**
Lakeroad (MO)	12	84.7	14.94	0.27	-	-	-	-	42	490.6	4.93	83	-	17
Tallahassee City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1,529**	**445.0**	**4.61**	**-**	**-**	**100**
Hopkins (FL)	-	-	-	-	-	-	-	-	547	445.0	4.62	-	-	100
Purdom (FL)	-	-	-	-	-	-	-	-	982	445.0	4.61	-	-	100
Tampa Electric[5] Co	**588**	**157.5**	**38.56**	**2.04**	**16**	**558.5**	**32.37**	**-**	**-**	**-**	**-**	**99**	**1**	**-**
Big Bend (FL)	-	-	-	-	4	519.5	30.11	-	-	-	-	-	100	-
Davant Transfer (FL)	571	156.8	38.39	2.08	-	-	-	-	-	-	-	100	-	-
Gannon (FL)	17	181.8	44.21	1.00	3	558.2	32.36	-	-	-	-	97	3	-
Polk Station (FL)	-	-	-	-	10	575.3	33.34	-	-	-	-	-	100	-
Taunton City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**76**	**442.2**	**4.54**	**-**	**-**	**100**
Cleary (MA)	-	-	-	-	-	-	-	-	76	442.2	4.54	-	-	100
Tennessee Valley Authority[6]	**3,773**	**118.5**	**27.37**	**1.67**	**15**	**785.4**	**46.15**	**0.50**	**-**	**-**	**-**	**100**	**-**	**-**
Bull Run (TN)	231	129.3	32.03	0.87	4	810.4	47.62	0.50	-	-	-	100	*	-
Cora Transfer (TN)	140	118.2	24.20	0.44	-	-	-	-	-	-	-	100	-	-
Cumberland (TN)	543	104.7	24.99	2.80	6	779.1	45.78	0.50	-	-	-	100	*	-
GRT Terminal (TN)	1,075	119.1	27.15	1.00	-	-	-	-	-	-	-	100	-	-
Johnsonville (TN)	20	126.7	30.34	1.50	-	-	-	-	-	-	-	100	-	-
Kingston (TN)	383	134.1	32.77	1.07	1	800.0	47.01	0.50	-	-	-	100	*	-
Paradise (KY)	523	98.2	21.56	3.47	*	779.4	45.80	0.50	-	-	-	100	*	-
Sevier (TN)	170	130.7	33.54	0.83	1	746.0	43.83	0.50	-	-	-	100	*	-
Shawnee (KY)	405	128.2	28.17	0.53	2	784.7	46.11	0.50	-	-	-	100	*	-
Widows Creek (AL)	284	125.2	28.85	2.93	2	751.7	44.17	0.50	-	-	-	100	*	-
Texas Municipal Power Agency	**171**	**137.1**	**23.09**	**0.34**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Gibbons Creek (TX)	171	137.1	23.09	0.34	-	-	-	-	-	-	-	100	-	-
Tri State Gen & Trans Assn, Inc	**464**	**108.4**	**21.92**	**0.52**	**1**	**898.1**	**46.15**	**-**	**23**	**326.3**	**3.10**	**100**	**-**	**-**
Craig (CO)	369	104.7	21.39	0.42	1	898.1	46.15	-	8	355.4	4.06	100	*	*
Escalante (NM)	62	140.8	25.82	0.82	-	-	-	-	14	304.3	2.57	99	-	1
Nucla (CO)	34	96.2	20.64	1.05	-	-	-	-	-	-	-	100	-	-
Tucson Electric Power Co	**350**	**99.8**	**18.86**	**0.88**	**-**	**-**	**-**	**-**	**151**	**472.3**	**4.82**	**98**	**-**	**2**
Irvington (AZ)	31	148.0	34.00	0.49	-	-	-	-	151	472.3	4.82	82	-	18
Springerville (AZ)	320	94.1	17.40	0.92	-	-	-	-	-	-	-	100	-	-
United Power Assn	**92**	**75.5**	**10.06**	**0.68**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Stanton (ND)	92	75.5	10.06	0.68	-	-	-	-	-	-	-	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, November 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)			
UtiliCorp United Inc.	**122**	**96.7**	**19.86**	**0.39**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**100**	**-**	**-**
Sibley (MO)	122	96.7	19.86	0.39	-	-	-	-	-	-	-	100	-	-
Vero Beach City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1,048**	**403.0**	**4.18**	**-**	**-**	**100**
Vero Beach (FL)	-	-	-	-	-	-	-	-	1,048	403.0	4.18	-	-	100
Vineland City of	**3**	**250.1**	**63.90**	**0.71**	**7**	**478.8**	**29.88**	**0.73**	**-**	**-**	**-**	**63**	**37**	**-**
H M Down (NJ)	3	250.1	63.90	0.71	7	478.8	29.88	0.73	-	-	-	63	37	-
Virginia Electric & Power Co	**1,128**	**149.7**	**37.58**	**1.32**	**477**	**388.8**	**24.75**	**0.87**	**319**	**840.1**	**8.62**	**90**	**9**	**1**
Bremo Bluff (VA)	67	167.4	42.07	1.23	2	615.5	36.19	0.20	-	-	-	99	1	-
Chesapeake Energy (VA)	125	174.9	45.40	1.01	-	-	-	-	-	-	-	100	-	-
Chesterfield (VA)	246	172.9	44.55	1.25	*	572.8	33.68	0.20	296	819.4	8.42	95	*	5
Clover (VA)	199	146.9	37.17	1.01	-	-	-	-	-	-	-	100	-	-
Mount Storm (WV)	390	118.3	28.59	1.67	7	609.1	35.81	0.20	-	-	-	100	*	-
Possum Point (VA)	22	164.6	40.44	0.78	163	404.4	25.74	0.68	-	-	-	35	65	-
Storage Facility #1	-	-	-	-	305	374.5	23.91	1.00	-	-	-	-	100	-
Yorktown (VA)	78	160.7	41.21	1.48	-	-	-	-	24	394.7	3.94	99	-	1
West Penn Power Co	**64**	**121.7**	**31.03**	**2.24**	**-**	**517.7**	**30.66**	**0.30**	**-**	**-**	**-**	**100**	**-**	**-**
Hatfield (PA)	64	121.7	31.03	2.24	*	517.7	30.66	0.30	-	-	-	100	*	-
Western Farmers Elec Coop Inc	**194**	**113.8**	**19.52**	**0.27**	**-**	**-**	**-**	**-**	**528**	**381.4**	**3.91**	**86**	**-**	**14**
Anadarko (OK)	-	-	-	-	-	-	-	-	528	381.4	3.91	-	-	100
Hugo (OK)	194	113.8	19.52	0.27	-	-	-	-	-	-	-	100	-	-
WestPlains Energy	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**373**	**412.7**	**4.19**	**-**	**-**	**100**
Cimarron River (KS)	-	-	-	-	-	-	-	-	19	425.0	4.44	-	-	100
Large (KS)	-	-	-	-	-	-	-	-	353	411.9	4.18	-	-	100
Mullergren (KS)	-	-	-	-	-	-	-	-	1	469.0	4.69	-	-	100
Wisconsin Electric Power Co	**1,068**	**101.4**	**18.80**	**0.37**	**1**	**635.5**	**37.18**	**0.26**	**52**	**484.6**	**4.92**	**100**	**-**	**-**
Oak Creek (WI)	310	99.5	17.66	0.20	-	-	-	-	34	468.1	4.76	99	-	1
Pleasant Prairie (WI)	466	76.2	12.89	0.34	-	-	-	-	10	512.0	5.19	100	-	*
Port Washington (WI)	53	127.0	33.32	1.39	-	-	-	-	4	527.2	5.32	100	-	*
Presque Isle (MI)	161	118.6	23.33	0.35	1	635.5	37.18	0.26	-	-	-	100	*	-
Valley (WI)	78	164.8	39.38	0.61	-	-	-	-	4	513.2	5.18	100	-	*
Wisconsin Power & Light Co	**659**	**114.6**	**19.74**	**0.34**	**3**	**611.5**	**35.96**	**-**	**1**	**590.9**	**5.91**	**100**	**-**	**-**
Blackhawk (WI)	-	-	-	-	-	-	-	-	1	590.9	5.91	-	-	100
Columbia (WI)	374	114.0	19.30	0.36	-	-	-	-	-	-	-	100	-	-
Edgewater (WI)	244	114.1	19.95	0.31	1	680.1	39.99	-	-	-	-	100	*	-
Nelson Dewey (WI)	41	121.7	22.57	0.30	2	557.1	32.76	-	-	-	-	99	1	-
Wisconsin Public Service Corp	**289**	**102.2**	**18.07**	**0.27**	**-**	**-**	**-**	**-**	**25**	**493.8**	**4.96**	**100**	**-**	**-**
Pulliam (WI)	120	102.7	18.30	0.23	-	-	-	-	20	493.8	4.96	99	-	1
Weston (WI)	169	101.9	17.91	0.30	-	-	-	-	5	493.8	4.96	100	-	*
Wyandotte Municipal Serv Comm	**16**	**165.0**	**41.85**	**0.74**	**-**	**-**	**-**	**-**	**1**	**265.0**	**2.65**	**100**	**-**	**-**
Wyandotte (MI)	16	165.0	41.85	0.74	-	-	-	-	1	265.0	2.65	100	-	*
U.S. Total	**60,252**	**122.1**	**24.78**	**0.87**	**5,570**	**404.2**	**25.70**	**1.02**	**95,352**	**428.9**	**4.49**	**90**	**3**	**7**

[1] The November 2002 petroleum coke receipts were 141,320 short tons and cost was 61.5 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 December 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
December	38,445	3,558	34,985	25,305	2,063	1,123	6,051	111,529
Total	**406,894**	**35,444**	**465,944**	**272,091**	**21,663**	**13,224**	**78,890**	**1,294,150**
Year to Date								
2002	**406,894**	**35,444**	**465,944**	**272,091**	**21,663**	**13,224**	**78,890**	**1,294,150**
2001	**352,498**	**49,093**	**385,473**	**234,619**	**18,038**	**13,722**	**74,439**	**1,127,882**

[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 December 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
December	102,181	38,445	3,558	34,985	25,305	-111
Total	**1,179,408**	**406,894**	**35,444**	**465,944**	**272,091**	**-965**
Year to Date						
2002	**1,179,408**	**406,894**	**35,444**	**465,944**	**272,091**	**-965**
2001	**1,020,564**	**352,498**	**49,093**	**385,473**	**234,619**	**-1,119**

[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 December 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
December	9,348	2,175	1,123	5,416	631	-	4
Total	**114,742**	**22,628**	**13,224**	**69,766**	**8,410**	**-**	**714**
Year to Date							
2002	**114,742**	**22,628**	**13,224**	**69,766**	**8,410**	**-**	**714**
2001	**107,318**	**19,157**	**13,722**	**67,902**	**5,680**	**-**	**856**

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	December 2002	November 2002	December 2001	Year to Date		
				2002	2001	Difference (percent)
New England	10,853	10,013	8,686	108,280	96,085	12.7
Middle Atlantic	29,122	25,593	27,296	329,851	316,280	4.3
East North Central	17,201	15,626	15,413	202,603	185,362	9.3
West North Central	746	638	645	9,619	7,467	28.8
South Atlantic	12,855	11,220	10,809	147,380	146,144	0.8
East South Central	2,191	2,574	2,108	31,307	27,328	14.6
West South Central	22,553	21,919	12,964	279,314	151,497	84.4
Mountain	4,144	4,007	3,660	44,883	39,098	14.8
Pacific Contiguous	11,383	11,345	11,264	135,657	153,051	-11.4
Pacific Noncontiguous	481	481	455	5,256	5,570	-5.6
U.S. Total	**111,529**	**103,416**	**93,301**	**1,294,150**	**1,127,882**	**14.7**

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	December 2002	November 2002	December 2001	Year to Date				
				Coal Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	1,475	1,489	1,220	15,292	14,845	3.0	14.1	15.4
Middle Atlantic	12,191	10,398	10,482	126,972	129,897	-2.3	38.5	41.1
East North Central	6,709	6,282	5,129	75,627	62,401	21.2	37.3	33.7
West North Central	NM	NM	NM	3,718	3,150	18.0	38.7	42.2
South Atlantic	7,690	6,716	6,044	80,423	80,258	0.2	54.6	54.9
East South Central	1,035	1,673	1,079	13,923	13,834	0.6	44.5	50.6
West South Central	6,381	5,441	1,474	63,517	16,666	281.1	22.7	11.0
Mountain	1,229	1,474	1,613	14,833	18,112	-18.1	33.0	46.3
Pacific Contiguous	1,231	1,110	1,142	10,723	11,483	-6.6	7.9	7.5
Pacific Noncontiguous	NM	NM	NM	1,866	1,851	0.8	35.5	33.2
U.S. Total	**38,445**	**35,042**	**28,589**	**406,894**	**352,498**	**15.4**	**31.4**	**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	December 2002	November 2002	December 2001	Year to Date				
				Petroleum Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	1,236	710	1,162	10,607	16,037	-33.9	9.8	16.7
Middle Atlantic	917	653	NM	7,749	12,250	-36.7	2.3	3.9
East North Central	NM	NM	NM	1,038	2,236	-53.6	0.5	1.2
West North Central	NM	NM	NM	44	89	-51.0	0.5	1.2
South Atlantic	592	NM	NM	6,819	8,957	-23.9	4.6	6.1
East South Central	NM	NM	NM	284	300	-5.5	0.9	1.1
West South Central	300	332	260	3,837	3,269	17.4	1.4	2.2
Mountain	NM	NM	NM	679	627	8.3	1.5	1.6
Pacific Contiguous	NM	306	NM	2,934	3,280	-10.5	2.2	2.1
Pacific Noncontiguous	146	156	NM	1,455	2,048	-29.0	27.7	36.8
U.S. Total	**3,558**	**2,651**	**2,747**	**35,444**	**49,093**	**-27.8**	**2.7**	**4.4**

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	December 2002	November 2002	December 2001	Year to Date				
				Gas Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	3,846	3,502	3,272	42,763	33,322	28.3	39.5	34.7
Middle Atlantic	3,641	3,349	3,958	54,299	51,324	5.8	16.5	16.2
East North Central	1,578	1,249	1,755	29,698	22,069	34.6	14.7	11.9
West North Central	NM	NM	NM	2,303	1,290	78.5	23.9	17.3
South Atlantic	1,372	1,204	NM	25,992	21,281	22.1	17.6	14.6
East South Central	NM	NM	NM	8,943	6,167	45.0	28.6	22.6
West South Central	13,613	14,196	10,341	184,175	122,064	50.9	65.9	80.6
Mountain	2,323	2,045	1,563	22,993	14,699	56.4	51.2	37.6
Pacific Contiguous	7,950	8,011	7,900	93,696	112,461	-16.7	69.1	73.5
Pacific Noncontiguous	NM	NM	71	1,081	796	35.9	20.6	14.3
U.S. Total	**34,985**	**33,971**	**30,519**	**465,944**	**385,473**	**20.9**	**36.0**	**34.2**

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	December 2002	November 2002	December 2001	Year to Date				
				Hydroelectric Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	434	412	NM	5,190	4,458	16.4	4.8	4.6
Middle Atlantic	489	463	343	5,026	4,729	6.3	1.5	1.5
East North Central	NM	NM	NM	466	396	17.7	0.2	0.2
West North Central	NM	NM	NM	384	323	18.9	4.0	4.3
South Atlantic	539	456	243	3,681	2,798	31.5	2.5	1.9
East South Central	108	82	56	648	406	59.8	2.1	1.5
West South Central	64	60	88	939	737	27.4	0.3	0.5
Mountain	299	250	219	3,870	3,092	25.2	8.6	7.9
Pacific Contiguous	NM	NM	NM	1,370	1,051	30.3	1.0	0.7
Pacific Noncontiguous	NM	NM	NM	89	49	83.6	1.7	0.9
U.S. Total	**2,063**	**1,828**	**1,380**	**21,663**	**18,038**	**20.1**	**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	December 2002	November 2002	December 2001	Year to Date				
				Nuclear Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	3,007	3,147	1,916	23,977	17,942	33.6	22.1	18.7
Middle Atlantic	11,268	10,154	11,341	128,557	110,662	16.2	39.0	35.0
East North Central	8,378	7,607	7,946	90,860	92,358	-1.6	44.8	49.8
West North Central	-	-	-	-	-	-	-	-
South Atlantic	1,292	1,079	1,287	12,128	13,656	-11.2	8.2	9.3
East South Central	-	-	-	-	-	-	-	-
West South Central	1,360	955	-	16,568	-	-	5.9	-
Mountain	-	-	-	-	-	-	-	-
Pacific Contiguous	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-
U.S. Total	**25,305**	**22,943**	**22,490**	**272,091**	**234,619**	**16.0**	**21.0**	**20.8**

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	December 2002	November 2002	December 2001	Year to Date				
				Other Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	855	753	843	10,451	9,482	10.2	9.7	9.9
Middle Atlantic	617	575	656	7,247	7,418	-2.3	2.2	2.3
East North Central	NM	380	NM	4,914	5,901	-16.7	2.4	3.2
West North Central	NM	242	273	3,170	2,615	21.3	33.0	35.0
South Atlantic	1,370	1,441	1,723	18,337	19,193	-4.5	12.4	13.1
East South Central	554	509	579	7,508	6,621	13.4	24.0	24.2
West South Central	836	934	800	10,277	8,760	17.3	3.7	5.8
Mountain	NM	NM	213	2,509	2,568	-2.3	5.6	6.6
Pacific Contiguous	1,930	1,882	1,954	26,935	24,776	8.7	19.9	16.2
Pacific Noncontiguous	NM	NM	NM	765	826	-7.4	14.6	14.8
U.S. Total	**7,174**	**6,982**	**7,576**	**92,114**	**88,161**	**4.5**	**7.1**	**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 December 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
December	NA	NA	NA	18,859	NA	NA	5,298	333	350,681
Total	**NA**	**NA**	**NA**	**207,747**	**NA**	**NA**	**48,385**	**3,755**	**4,612,589**
Year to Date									
2002	**NA**	**NA**	**NA**	**207,747**	**NA**	**NA**	**48,385**	**3,755**	**4,612,589**
2001	**NA**	**NA**	**NA**	**175,241**	**NA**	**NA**	**79,695**	**3,413**	**4,254,831**

[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	December 2002	November 2002	December 2001	Year to Date		
				2002	2001	Difference (percent)
New England	648	735	551	6,188	6,196	-0.1
Middle Atlantic	5,394	4,697	4,730	55,450	57,805	-4.1
East North Central	3,855	3,660	2,947	43,200	36,159	19.5
West North Central	NM	NM	NM	2,874	2,646	8.6
South Atlantic	3,201	2,833	2,635	33,855	34,527	-1.9
East South Central	458	446	552	6,283	6,644	-5.4
West South Central	3,336	2,937	1,022	42,382	11,249	276.8
Mountain	786	933	1,035	9,603	11,663	-17.7
Pacific Contiguous	820	781	754	6,837	7,299	-6.3
Pacific Noncontiguous	NM	NM	NM	1,075	1,053	2.1
U.S. Total	**18,859**	**17,383**	**14,535**	**207,747**	**175,241**	**18.5**

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	December 2002	November 2002	December 2001	Year to Date		
				2002	2001	Difference (percent)
New England	2,009	1,194	1,941	16,880	27,341	-38.3
Middle Atlantic	1,589	1,067	NM	13,229	22,278	-40.6
East North Central	NM	NM	NM	1,387	3,944	-64.8
West North Central	NM	NM	NM	115	210	-45.3
South Atlantic	1,012	NM	NM	10,640	16,342	-34.9
East South Central	NM	NM	NM	715	1,116	-36.0
West South Central	NM	NM	NM	1,366	1,643	-16.8
Mountain	NM	NM	NM	180	405	-55.6
Pacific Contiguous	NM	NM	NM	1,339	3,143	-57.4
Pacific Noncontiguous	291	284	NM	2,534	3,273	-22.6
U.S. Total	**5,298**	**3,617**	**3,928**	**48,385**	**79,695**	**-39.3**

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. • 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	December 2002	November 2002	December 2001	Year to Date		
				2002	2001	Difference (percent)
New England	29,934	26,986	27,548	327,092	281,187	16.3
Middle Atlantic	34,733	30,766	40,578	526,205	515,903	2.0
East North Central	33,664	NM	38,523	545,867	512,745	6.5
West North Central	NM	NM	NM	27,429	23,613	16.2
South Atlantic	16,734	16,863	16,375	315,248	257,796	22.3
East South Central	NM	NM	NM	103,579	97,838	5.9
West South Central	135,441	137,616	107,169	1,756,364	1,283,702	36.8
Mountain	17,924	16,661	13,832	193,739	146,077	32.6
Pacific Contiguous	73,596	75,364	80,707	806,883	1,126,407	-28.4
Pacific Noncontiguous	NM	NM	836	10,183	9,565	6.5
U.S. Total	**350,681**	**343,888**	**333,946**	**4,612,589**	**4,254,831**	**8.4**

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 December 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
December	NA	NA	NA	36,531	NA	NA	15,236	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	December 2002	November 2002	December 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	559	1,005	774	-44.4	-27.8
Middle Atlantic	10,435	10,573	11,760	-1.3	-11.3
East North Central	6,448	6,082	5,824	6.0	10.7
West North Central	306	65	311	367.9	-1.7
South Atlantic	3,884	4,390	4,002	-11.5	-3.0
East South Central	2,384	2,273	1,289	4.9	84.9
West South Central	6,066	6,499	2,238	-6.7	171.0
Mountain	5,404	5,408	5,577	-0.1	-3.1
Pacific Contiguous	1,002	1,134	522	-11.6	92.2
Pacific Noncontiguous	44	28	122	58.1	-63.9
U.S. Total	**36,531**	**37,457**	**32,420**	**-2.5**	**12.7**

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	December 2002	November 2002	December 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	2,228	2,964	4,274	-24.8	-47.9
Middle Atlantic	5,403	5,539	7,951	-2.4	-32.0
East North Central	1,767	1,744	2,058	1.3	-14.1
West North Central	21	21	7	1.6	197.0
South Atlantic	3,762	3,901	4,381	-3.6	-14.1
East South Central	136	139	54	-2.3	150.2
West South Central	911	951	508	-4.2	79.4
Mountain	28	30	37	-5.8	-23.9
Pacific Contiguous	899	741	1,493	21.3	-39.8
Pacific Noncontiguous	80	44	92	80.6	-13.4
U.S. Total	**15,236**	**16,074**	**20,856**	**-5.2**	**-26.9**

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, December 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	**29,855**	**-**	**-**	**-**	**-**	**-**	**36**	**-**	**-**
Decatur Cogen (IL)	29,855	-	-	-	-	-	36	-	-
Abitibi Consolidated Sale Corp	**19,155**	**1,705**	**4,708**	**-**	**-**	**-**	**21**	**6**	**99**
Abitibi Consolidated Snowflake (AZ)	19,155	1,705	4,708	-	-	-	21	6	99
ACE Cogeneration Co	**70,268**	**3,017**	**25**	**-**	**-**	**-**	**37**	**1**	*
ACE Cogen (CA)	70,268	3,017	25	-	-	-	37	1	*
Adirondack Resource Recy Assoc	**-**	**-**	**2**	**-**	**-**	**-**	**-**	**-**	*
Adirondack Resource Recovery (NY)	-	-	2	-	-	-	-	-	*
Aera Energy LLC-Coalinga	**-**	**-**	**35,091**	**-**	**-**	**-**	**-**	**-**	**411**
South Belridge Cogen (CA)	-	-	35,091	-	-	-	-	-	411
AES Cayuga LLC	**220,696**	**786**	**-**	**-**	**-**	**-**	**87**	**1**	**-**
AES Cayuga (NY)	220,696	786	-	-	-	-	87	1	-
AES Corp	**522,257**	**117,443**	**-**	**-**	**-**	**750**	**242**	**47**	**-**
AES Placerita Inc (CA)	-	-	-	-	-	-	-	-	-
AES Shady Point Inc (OK)	173,716	-	-	-	-	-	83	-	-
Beaver Valley (PA)	89,860	-	-	-	-	-	45	-	-
Deepwater (TX)	-	116,084	-	-	-	-	-	44	-
Hawaii (HI)	122,946	1,359	-	-	-	750	53	2	-
Thames (CT)	135,735	-	-	-	-	-	61	-	-
AES Greenridge LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Greenidge (NY)	-	-	-	-	-	-	-	-	-
AES Ironwood Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
AES Ironwood (PA)	-	-	-	-	-	-	-	-	-
AES Red Oak LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Red Oak (NJ)	-	-	-	-	-	-	-	-	-
AES Somerset LLC	**500,264**	**189**	**-**	**-**	**-**	**-**	**182**	*	**-**
AES Somerset (NY)	500,264	189	-	-	-	-	182	*	-
AES Southland LLC-Alamitos	**-**	**-**	**267,753**	**-**	**-**	**-**	**-**	**-**	**2,817**
AES Alamitos LLC (CA)	-	-	267,753	-	-	-	-	-	2,817
AES Southland LLC-Huntington	**-**	**-**	**124,512**	**-**	**-**	**-**	**-**	**-**	**1,320**
Huntington Beach (CA)	-	-	124,512	-	-	-	-	-	1,320
AES Southland LLC-Redondo	**-**	**-**	**938**	**-**	**-**	**-**	**-**	**-**	**26**
Redondo Beach (CA)	-	-	938	-	-	-	-	-	26
AES Westover LLC	**88,723**	**80**	**-**	**-**	**-**	**-**	**39**	*	**-**
AES Westover (NY)	88,723	80	-	-	-	-	39	*	-
AES WR Ltd Partnership	**128,906**	**98**	**-**	**-**	**-**	**-**	**60**	*	**-**
Warrior Run Cogen (MD)	128,906	98	-	-	-	-	60	*	-
Ag Energy LP	**-**	**-**	**5,432**	**-**	**-**	**-**	**-**	**-**	**48**
AG Energy LP (NY)	-	-	5,432	-	-	-	-	-	48
Ag Processing Inc	**3,933**	**-**	**-**	**-**	**-**	**-**	**8**	**-**	**-**
AG Processing Inc (IA)	3,933	-	-	-	-	-	8	-	-
Agrilectric Power Partners Ltd	**-**	**-**	**49**	**-**	**-**	**6,057**	**-**	**-**	**1**
Agrilectric Power Partners Ltd (LA)	-	-	49	-	-	6,057	-	-	1
Air Liquide America Corp	**-**	**-**	**156,458**	**-**	**-**	**-**	**-**	**-**	**1,950**
Bayou Cogen (TX)	-	-	156,458	-	-	-	-	-	1,950
Pt Neches Plant (TX)	-	-	-	-	-	-	-	-	
Alabama Pine Pulp Co Inc	**-**	**78**	**-**	**-**	**-**	**33,506**	**-**	*	**-**
Alabama Pine Pulp Co Inc (AL)	-	78	-	-	-	33,506	-	*	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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	**-**	**4,196**	**-**	**-**	**-**	**23,196**	**-**	**23**	**-**
Alabama River Pulp Co (AL)	-	4,196	-	-	-	23,196	-	23	-
Albuquerque City of	**-**	**-**	**609**	**-**	**-**	**5,240**	**-**	**-**	**2**
Southside Water Reclamation (NM)	-	-	609	-	-	5,240	-	-	2
Alcoa Inc	**241,994**	**-**	**-**	**-**	**-**	**-**	**200**	**-**	**-**
Sandow (TX)	241,994	-	-	-	-	-	200	-	-
Alcoa World Alumina LLC	**-**	**-**	**30,120**	**-**	**-**	**-**	**-**	**-**	**962**
Point Comfort (TX)	-	-	30,120	-	-	-	-	-	962
Aliso Water Management Agency	**-**	**-**	**33**	**-**	**-**	**513**	**-**	**-**	*
Aliso Water Management Agency (CA)	-	-	33	-	-	513	-	-	*
Allegheny Energy Unit 1&2 LLC	**3,964,202**	**966**	**20,167**	**15,321**	**-**	**-**	**1,571**	**4**	**191**
Allegheny Energy Unit 8&9 (PA)	-	-	3,586	-	-	-	-	-	35
Allegheny Energy Units 1&2 (PA)	-	-	4,679	-	-	-	-	-	46
Armstrong (PA)	196,014	291	-	-	-	-	79	*	-
Buchanan Generating Units 1& 2 (VA)	-	-	1,759	-	-	-	-	-	17
Chambersburg Unit 12 & 13 (PA)	-	-	6,487	-	-	-	-	-	59
Fort Martin (WV)	729,373	1,010	-	-	-	-	279	2	-
Gleason (TN)	-	-	-	-	-	-	-	-	*
Harrison (WV)	1,292,472	-	961	-	-	-	509	-	9
Hatfields Ferry (PA)	839,215	491	-	-	-	-	329	1	-
Lake Lynn (WV)	-	-	-	15,321	-	-	-	-	-
Lincoln Energy Center (IL)	-	-	-	-	-	-	-	-	-
Mitchell (PA)	137,404	-1,343	-	-	-	-	58	-	-
Pleasants (WV)	730,129	-	2,695	-	-	-	297	-	25
R Paul Smith (MD)	39,595	517	-	-	-	-	20	1	-
Wheatland (IN)	-	-	-	-	-	-	-	-	*
Alliant Energy Integ Ser-Cogen	**-**	**91**	**507**	**-**	**-**	**-**	**-**	*	**8**
Alliant SBD 9205 A Y McDona (IA)	-	2	-	-	-	-	-	*	-
Alliant SBD 8501 Aegon USA (IA)	-	2	-	-	-	-	-	*	-
Alliant SBD 8601 ACG (IA)	-	10	-	-	-	-	-	*	-
Alliant SBD 8602 Marion Sub (IA)	-	5	-	-	-	-	-	*	-
Alliant SBD 9106 Rockwell CR (IA)	-	9	-	-	-	-	-	*	-
Alliant SBD 9107 Swift (IA)	-	8	-	-	-	-	-	*	-
Alliant SBD 9201 Norplex (IA)	-	3	-	-	-	-	-	*	-
Alliant SBD 9203 Profol (IA)	-	2	-	-	-	-	-	*	-
Alliant SBD 9206 Donaldson (IA)	-	1	-	-	-	-	-	*	-
Alliant SBD 9301 Swiss (IA)	-	2	-	-	-	-	-	*	-
Alliant SBD 9302 Aegon NP (IA)	-	1	-	-	-	-	-	*	-
Alliant SBD 9402 Climax (IA)	-	40	-	-	-	-	-	*	-
Alliant SBD 9403 Aegon DC (IA)	-	1	-	-	-	-	-	*	-
Alliant SBD 9502 Eaton (IA)	-	4	-	-	-	-	-	*	-
SBD 9702 Cedar Graphics (IA)	-	1	-	-	-	-	-	*	-
SBG-9805 Rockford Products (IL)	-	-	507	-	-	-	-	-	8
Altamont-Midway Ltd	**-**	**-**	**-**	**-**	**-**	**360**	**-**	**-**	**-**
Altamont Midway Ltd (CA)	-	-	-	-	-	360	-	-	-
Amalgamated Sugar Co LLC	**5,318**	**-**	**-**	**-**	**-**	**-**	**13**	**-**	**-**
Amalgamated Sugar Nyssa (OR)	5,318	-	-	-	-	-	13	-	-
AmerGen	**-**	**-**	**-**	**-**	**762,212**	**-**	**-**	**-**	**-**
Clinton (IL)	-	-	-	-	762,212	-	-	-	-
AmerGen Energy Co LLC	**-**	**-**	**-**	**-**	**633,949**	**-**	**-**	**-**	**-**
3 Mile Island (PA)	-	-	-	-	633,949	-	-	-	-
AmerGen Energy LLC	**-**	**-**	**-**	**-**	**473,574**	**-**	**-**	**-**	**-**
Oyster Creek (NJ)	-	-	-	-	473,574	-	-	-	-
American Atlas #1 Ltd	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
American Atlas 1 Cogen (CO)	-	-	-	-	-	-	-	-	
American Bituminous Power LP	**56,534**	**-**	**-**	**-**	**-**	**-**	**45**	**-**	**-**
Grant Town (WV)	56,534	-	-	-	-	-	45	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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	**13,123**	**-**	**-**	**-**	**-**	**-**	**24**	**-**	**-**
ACS Drayton (ND)	4,409	-	-	-	-	-	12	-	-
ACS Hillsboro (ND)	8,714	-	-	-	-	-	12	-	-
American Electric Power Co Inc	**784,654**	**194**	**123,849**	**2,561**	**-**	**-**	**430**	*	**1,380**
Abilene (TX)	-	-	-	-	-	-	-	-	-
Barney M Davis (TX)	-	-	64,229	-	-	-	-	-	668
Coleto Creek (TX)	354,943	1	-	-	-	-	173	*	-
E S Joslin (TX)	-	-	-	-	-	-	-	-	-
Eagle Pass (TX)	-	-	-	2,561	-	-	-	-	-
Fort Phantom (TX)	-	-	-	-	-	-	-	-	-
Fort Stockton (TX)	-	-	-	-	-	-	-	-	-
J L Bates (TX)	-	-	-	-	-	-	-	-	-
La Palma (TX)	-	-	24,209	-	-	-	-	-	280
Lake Pauline (TX)	-	-	-	-	-	-	-	-	-
Laredo (TX)	-	-	23,190	-	-	-	-	-	279
Lon C Hill (TX)	-	-	-	-	-	-	-	-	-
Nueces Bay (TX)	-	-	-	-	-	-	-	-	-
Oak Creek (TX)	-	-	-	-	-	-	-	-	-
Oklaunion (TX)	429,711	193	-	-	-	-	257	*	-
Paint Creek (TX)	-	-	-	-	-	-	-	-	-
Presidio (TX)	-	-	-	-	-	-	-	-	-
Rio Pecos (TX)	-	-	12,221	-	-	-	-	-	153
San Angelo (TX)	-	-	-	-	-	-	-	-	-
Vernon (TX)	-	-	-	-	-	-	-	-	-
Victoria (TX)	-	-	-	-	-	-	-	-	-
American Ref-Fuel Co	**-**	**166**	**-**	**-**	**-**	**2,479**	**-**	*	**-**
Hempstead (NY)	-	166	-	-	-	2,479	-	*	-
American Ref-Fuel Co of Essex	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Essex (NJ)	-	-	-	-	-	-	-	-	-
American Ref-Fuel Co of SE CT	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
American Ref Fuel Co of SE CT (CT)	-	-	-	-	-	-	-	-	-
American Ref-Fuel Co-Niagara	**-**	**-**	**799**	**-**	**-**	**964**	**-**	**-**	**21**
Niagara (NY)	-	-	799	-	-	964	-	-	21
Amoco Corp	**-**	**-**	**26,715**	**-**	**-**	**-**	**-**	**-**	**493**
Chocolate Bayou Works (TX)	-	-	26,715	-	-	-	-	-	493
Amoco Production Co	**-**	**-**	**20,736**	**-**	**-**	**-**	**-**	**-**	**249**
Anschutz Ranch East (WY)	-	-	20,736	-	-	-	-	-	249
Androscoggin Energy LLC	**-**	**-**	**72,206**	**-**	**-**	**-**	**-**	**-**	**1,061**
Androscoggin Cogen (ME)	-	-	72,206	-	-	-	-	-	1,061
Anheuser-Busch Inc	**8,860**	**-**	**6,876**	**-**	**-**	**1,743**	**14**	**-**	**129**
Anheuser Busch Inc Newark Brew (NJ)	-	-	6,576	-	-	1,142	-	-	117
Anheuser Busch Inc St Louis (MO)	8,860	-	300	-	-	601	14	-	12
ANP Blackstone Energy Co	**-**	**-**	**188,022**	**-**	**-**	**-**	**-**	**-**	**1,371**
Blackstone (MA)	-	-	188,022	-	-	-	-	-	1,371
Applied Energy Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Naval Station Energy (CA)	-	-		-	-	-	-	-	
Arabian Exploration Dev Co Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Raccoon Creek Energy Center (IL)	-	-	-	-	-	-	-	-	-
Archer Daniels Midland Co	**197,688**	**-**	**6,412**	**-**	**-**	**1,307**	**260**	**-**	**191**
Cedar Rapids (IA)	65,862	-	-	-	-	-	92	-	-
Decatur (IL)	115,277	-	-	-	-	1,307	145	-	-
Enderlin (ND)	-	-	-	-	-	-	-	-	-
Lincoln (NE)	4,136	-	-	-	-	-	7	-	-
Peoria (IL)	12,413	-	6,412	-	-	-	15	-	191

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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	**-**	**-**	**274,322**	**-**	**-**	**-**	**-**	**-**	**3,280**
Watson Cogen (CA)	-	-	274,322	-	-	-	-	-	3,280
ARCO Western Energy	**-**	**-**	**30,754**	**-**	**-**	**-**	**-**	**-**	**322**
Berry Placerita Cogen (CA)	-	-	30,754	-	-	-	-	-	322
Arthur Kill Power LLC	**-**	**-**	**37,836**	**-**	**-**	**-**	**-**	**-**	**461**
Arthur Kill (NY)	-	-	37,836	-	-	-	-	-	461
Astoria Gas Turbines Power LLC	**-**	**-**	**19,808**	**-**	**-**	**-**	**-**	**-**	**266**
Astoria Gas Turbines (NY)	-	-	19,808	-	-	-	-	-	266
Athens Regional Medical Center	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Athens Regional Medical Center (GA)	-	-	-	-	-	-	-	-	-
Attala Generating Co LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Attala Generating Co LLC (MS)	-	-	-	-	-	-	-	-	-
Auburndale Power Partners LP	**-**	**-**	**94,552**	**-**	**-**	**-**	**-**	**-**	**716**
Auburndale Power Partners LP (FL)	-	-	94,552	-	-	-	-	-	716
Baconton Power LLC	**-**	**1,164**	**771**	**-**	**-**	**-**	**-**	**2**	**7**
BACONTON Power (GA)	-	381	-	-	-	-	-	1	-
Sowega Power (GA)	-	783	771	-	-	-	-	1	7
Badger Creek Ltd	**-**	**-**	**27,322**	**-**	**-**	**-**	**-**	**-**	**246**
Badger Creek Cogen (CA)	-	-	27,322	-	-	-	-	-	246
BAF Energy Inc	**-**	**-**	**90,781**	**-**	**-**	**-**	**-**	**-**	**719**
King City (CA)	-	-	90,781	-	-	-	-	-	719
BASF Corp	**-**	**-**	**64,203**	**-**	**-**	**-**	**-**	**-**	**637**
Freeport (TX)	-	-	64,203	-	-	-	-	-	637
Geismar (LA)	-	-		-	-	-	-	-	
BASF Fina Petrochemicals Ltd	**-**	**-**	**52,426**	**-**	**-**	**-**	**-**	**-**	**704**
NROC Cogen (TX)	-	-	52,426	-	-	-	-	-	704
Bassett Furniture Industl Inc	**-**	**-**	**-**	**-**	**-**	**6**	**-**	**-**	**-**
J D Bassett Manufacturing Co (VA)	-	-	-	-	-	6	-	-	-
Bayou Cove Peaking Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bayou Cove Peaking Power (LA)	-	-	-	-	-	-	-	-	-
Bayshore Group	**-**	**-**	**6,983**	**-**	**-**	**-**	**-**	**-**	**2**
Bayswater Peaking (NY)	-	-	6,983	-	-	-	-	-	2
Bear Mountain Ltd	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bear Mountain Cogen (CA)	-	-		-	-	-	-	-	
Bethlehem Steel Corp	**-**	**5,657**	**95,944**	**-**	**-**	**-**	**-**	**34**	**16,266**
Burns Harbor (IN)	-	-	72,157	-	-	-	-	-	6,372
Sparrows Point (MD)	-	5,657	23,787	-	-	-	-	34	9,894
Bettles Telephone Inc	**-**	**-**	**4,274**	**-**	**-**	**-**	**-**	**-**	**44**
Big Cajun 1 Peakers (LA)	-	-	4,274	-	-	-	-	-	44
Big Rivers Electric Corp	**842,379**	**7,351**	**4,752**	**-**	**-**	**-**	**377**	**11**	**38**
D B Wilson (KY)	183,980	4,795	-	-	-	-	54	5	-
Henderson 2 (KY)	117,649	-	-	-	-	-	74	-	-
K C Coleman (KY)	245,370	-	4,752	-	-	-	86	-	38
R D Green (KY)	265,747	573	-	-	-	-	146	1	-
Robert Reid (KY)	29,633	1,983	-	-	-	-	16	4	-
Big Sandy Peaker Plant LLC	**-**	**-**	**347**	**-**	**-**	**-**	**-**	**-**	**4**
Big Sandy Peaker (WV)	-	-	347	-	-	-	-	-	4
Bio-Energy Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Bio Energy Corp (NH)	-	-	-	-	-	-	-	-	-
Bio-Energy Partners	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
CSL Gas Recovery (FL)	-	-	-	-	-	-	-	-	-
Biomass One LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Biomass One LP (OR)	-	-	-	-	-		-	-	-
Birchwood Power Partners LP	**142,184**	**-**	**-**	**-**	**-**	**-**	**57**	**-**	**-**
Mirant Birchwood (VA)	142,184	-	-	-	-	-	57	-	-
Black Hills Colorado LLC	**-**	**-**	**528**	**-**	**-**	**-**	**-**	**-**	**6**
Valmont Combustion Turbine (CO)	-	-	528	-	-	-	-	-	6
Black Hills Energy Capital Inc	**-**	**-**	**14,880**	**-**	**-**	**-**	**-**	**-**	**167**
BHG Gas Turbine #2 (WY)	-	-	14,880	-	-	-	-	-	167
Black River Ltd Partnership	**29,622**	**7,630**	**-**	**-**	**-**	**-**	**15**	**3**	**-**
Black River Power (NY)	29,622	7,630	-	-	-	-	15	3	-
Blandin Paper Co	**1,529**	**-**	**4,718**	**-**	**-**	**5,784**	**2**	**-**	**132**
Rapids Energy Center (MN)	1,529	-	4,718	-	-	5,784	2	-	132
Blue Ridge Paper Products Inc	**13,944**	**142**	**-**	**-**	**-**	**10,927**	**39**	**2**	**-**
Canton North Carolina (NC)	13,944	142	-	-	-	10,927	39	2	-
Bluegrass Generation Co LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bluegrass Generation Co LLC (KY)	-	-	-	-	-	-	-	-	-
Boise Cascade Corp	**-**	**-**	**18,331**	**-**	**-**	**11,432**	**-**	**-**	**1,091**
Boise Casade Pulp&Paper Mill J (AL)	-	-	10,954	-	-	-	-	-	653
Boise Cascade International (MN)	-	-	7,377	-	-	11,432	-	-	438
Boise Cascade Corp-DeRiddle	**-**	**-**	**13,929**	**-**	**-**	**29,690**	**-**	**-**	**517**
DeRidder Mill (LA)	-	-	13,929	-	-	29,690	-	-	517
Boise-Kuna Irrigation District	**-**	**-**	**-**	**1,626**	**-**	**-**	**-**	**-**	**-**
Lucky Peak (ID)	-	-	-	1,626	-	-	-	-	-
Boralex Stratton Energy Inc	**-**	**113**	**-**	**-**	**-**	**27,622**	**-**	*	**-**
Boralex Stratton Energy Inc (ME)	-	113	-	-	-	27,622	-	*	-
Borden Chemical Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Borden Chemicals Plastics Cogn (LA)	-	-	-	-	-	-	-	-	-
Borger Energy Associates LP	**-**	**-**	**156,434**	**-**	**-**	**-**	**-**	**-**	**2,107**
Black Hawk (TX)	-	-	156,434	-	-	-	-	-	2,107
Bowater Newsprint Calhoun	**17,749**	**-**	**925**	**-**	**-**	**28,092**	**18**	**-**	**31**
Bowater Newsprint Calhoun Op (TN)	17,749	-	925	-	-	28,092	18	-	31
BP Amoco Alliance Refinery	**-**	**-**	**2,335**	**-**	**-**	**-**	**-**	**-**	**35**
Alliance Refinery (LA)	-	-	2,335	-	-	-	-	-	35
BP Amoco PLC	**-**	**-**	**175,017**	**-**	**-**	**-**	**-**	**-**	**3,184**
Power Station 3 (TX)	-	-	50,053	-	-	-	-	-	1,322
Power Station 4 (TX)	-	-	124,964	-	-	-	-	-	1,862
BP PLC	**-**	**11,364**	**49,455**	**-**	**-**	**-**	**-**	**62**	**1,357**
Whiting Refinery (IN)	-	11,364	49,455	-	-	-	-	62	1,357
Bridgeport Energy LLC	**-**	**-**	**321,634**	**-**	**-**	**-**	**-**	**-**	**2,236**
Bridgeport Energy (CT)	-	-	321,634	-	-	-	-	-	2,236
Bridgewater Power Co LP	**-**	**26**	**-**	**-**	**-**	**10,544**	**-**	*	**-**
Bridgewater Power Co LP (NH)	-	26	-	-	-	10,544	-	*	-
Broad River Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	*
Broad River Energy Center (SC)	-	-	-	-	-	-	-	-	*

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Brooklyn Navy Yard Cogen PLP	**-**	**12,198**	**166,217**	**-**	**-**	**-**	**-**	**22**	**1,654**
Brooklyn Navy Yard Cogen (NY)	-	12,198	166,217	-	-	-	-	22	1,654
Brownsville Power I LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Brownsville Peaking (TN)	-	-	-	-	-	-	-	-	
Brush Cogeneration Partners	**-**	**-**	**28,481**	**-**	**-**	**-**	**-**	**-**	**3**
Brush Cogen Project Phase 2 (CO)	-	-	28,481	-	-	-	-	-	3
Buckeye Florida Ltd Partners	**-**	**1,259**	**478**	**-**	**-**	**25,313**	**-**	**13**	**29**
Buckeye Florida LP (FL)	-	1,259	478	-	-	25,313	-	13	29
Bucksport Energy&Internt Paper	**-**	**20,374**	**110,671**	**-**	**-**	**-**	**-**	**36**	**1,040**
Champion Clean Energy (ME)	-	20,374	110,671	-	-	-	-	36	1,040
Burney Forest Products	**-**	**-**	**1,517**	**-**	**-**	**19,226**	**-**	**-**	**29**
Burney Forest Products (CA)	-	-	1,517	-	-	19,226	-	-	29
Cadillac Renewable Energy LLC	**-**	**-**	**-**	**-**	**-**	**16,409**	**-**	**-**	**-**
Cadillac Renewable Energy (MI)	-	-	-	-	-	16,409	-	-	-
Calasieu Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Calcasieu (LA)	-	-	-	-	-	-	-	-	-
Calaveras County Water Dist	**-**	**-**	**-**	**17,896**	**-**	**-**	**-**	**-**	**-**
Collieville (CA)	-	-	-	17,896	-	-	-	-	-
Caledonia Power I LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Caledonia (MS)	-	-		-	-	-	-	-	
CalEnergy Co Inc	**-**	**-**	**115,508**	**-**	**-**	**-**	**-**	**-**	**1,094**
C R Wing Cogen (TX)	-	-	115,508	-	-	-	-	-	1,094
Callahan Clinton S	**-**	**-**	**6,849**	**-**	**-**	**-**	**-**	**-**	**66**
Gilroy Energy Center LLC (CA)	-	-	6,849	-	-	-	-	-	66
Callery Properties Inc	**-**	**-**	**1,483**	**-**	**-**	**-**	**-**	**-**	**19**
King City (CA)	-	-	1,483	-	-	-	-	-	19
CalPeak Power LLC	**-**	**-**	**7,008**	**-**	**-**	**-**	**-**	**-**	**84**
CalPeak Power El Cajon No. 6 (CA)	-	-	2,056	-	-	-	-	-	22
CalPeak Power Enterprise No. 7 (CA)	-	-	1,268	-	-	-	-	-	17
CalPeak Power Lonestar No. 4 (CA)	-	-	2,146	-	-	-	-	-	24
CalPeak Power Panoche No. 2 (CA)	-	-	759	-	-	-	-	-	10
CalPeak Power Vaca Dixon No.1 (CA)	-	-	779	-	-	-	-	-	11
Calpine Construction F Corp LP	**-**	**-**	**28,190**	**-**	**-**	**-**	**-**	**-**	**185**
Decatur Cogen (AL)	-	-	28,190	-	-	-	-	-	185
Calpine Construction Fin Co LP	**-**	**-**	**708,274**	**-**	**-**	**-**	**-**	**-**	**5,104**
Baytown Energy Center LP (TX)	-	-	375,790	-	-	-	-	-	2,747
Ontelaunee Energy Center (PA)	-	-	7,213	-	-	-	-	-	64
Westbrook Energy Center (ME)	-	-	325,271	-	-	-	-	-	2,293
Calpine Corp	**-**	**-**	**-**	**-**	**-**	**30**	**-**	**-**	**-**
Oneta Energy Center (OK)	-	-	-	-	-	-	-	-	-
PWD Northwest (PA)	-	-	-	-	-	30	-	-	-
PWD Southwest (CA)	-	-	-	-	-	-	-	-	-
Calpine Corp & Gentex Pwr Corp	**-**	**-**	**260,568**	**-**	**-**	**-**	**-**	**-**	**1,819**
Lost Pines I (TX)	-	-	260,568	-	-	-	-	-	1,819
Calpine Corp-Los Medanos	**-**	**-**	**330,430**	**-**	**-**	**-**	**-**	**-**	**2,249**
Los Medanos Energy Center (CA)	-	-	330,430	-	-	-	-	-	2,249
Calpine Corp-Magic Valley	**-**	**-**	**282,032**	**-**	**-**	**-**	**-**	**-**	**2,126**
Greenleaf Unit One (CA)	-	-	34,566	-	-	-	-	-	285
Greenleaf Unit Two (CA)	-	-	32,503	-	-	-	-	-	359
Magic Valley (TX)	-	-	214,963	-	-	-	-	-	1,482

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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-Sutter	**-**	**-**	**334,210**	**-**	**-**	**-**	**-**	**-**	**2,381**
Sutter Energy Center (CA)	-	-	334,210	-	-	-	-	-	2,381
Calpine Corp-Texas City	**-**	**-**	**192,871**	**-**	**-**	**-**	**-**	**-**	**2,030**
Texas City Cogen (TX)	-	-	192,871	-	-	-	-	-	2,030
Calpine Eastern Corp	**-**	**149**	**86,602**	**-**	**-**	**-**	**-**	*****	**440**
TBG Cogen (NY)	-	149	86,602	-	-	-	-	*	440
Calpine Geysers Co LP	**-**	**-**	**-**	**-**	**-**	**32,493**	**-**	**-**	**-**
Bear Canyon (CA)	-	-	-	-	-	12,429	-	-	-
West Ford Flat (CA)	-	-	-	-	-	20,064	-	-	-
Calpine Geysers-Sonoma Power	**-**	**-**	**-**	**-**	**-**	**484,518**	**-**	**-**	**-**
Aidlin Geothermal (CA)	-	-	-	-	-	11,694	-	-	-
Calistoga (CA)	-	-	-	-	-	50,117	-	-	-
Calpine Geysers-Sonoma (CA)	-	-	-	-	-	26,579	-	-	-
Geysers Unit 5-20 (CA)	-	-	-	-	-	396,128	-	-	-
Calpine Gilroy Cogen LP	**-**	**-**	**35,369**	**-**	**-**	**-**	**-**	**-**	**290**
Calpine Gilroy Cogen LP (CA)	-	-	35,369	-	-	-	-	-	290
Calpine Parlin Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Calpine Parlin Inc (NJ)	-	-	-	-	-	-	-	-	-
Calpine Pittsburg LLC	**-**	**-**	**31,766**	**-**	**-**	**-**	**-**	**-**	**496**
Calpine Pittsburg LLC (CA)	-	-	31,766	-	-	-	-	-	496
CalWind Resources Inc	**-**	**-**	**-**	**-**	**-**	**15,485**	**-**	**-**	**-**
Tehachapi Wind Resource II (CA)	-	-	-	-	-	15,485	-	-	-
Cambria Cogen Co	**57,780**	**-**	**-**	**-**	**-**	**-**	**48**	**-**	**-**
Cambria Cogen (PA)	57,780	-	-	-	-	-	48	-	-
Camden Cogen LP	**-**	**28**	**1,278**	**-**	**-**	**-**	**-**	*****	**11**
Camden Cogen LP (NJ)	-	28	1,278	-	-	-	-	*	11
Capital District Energy Center	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**42**
Capital District Energy Center (CT)	-	-	-	-	-	-	-	-	42
Cardinal Cogen	**-**	**-**	**34,323**	**-**	**-**	**-**	**-**	**-**	**367**
Cardinal Cogen (CA)	-	-	34,323	-	-	-	-	-	367
Cargill Fertilizer Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Cargill Fertilizer Inc (FL)	-	-	-	-	-	-	-	-	-
Cargill Fertilizer Inc Bartow (FL)	-	-	-	-	-	-	-	-	-
Carr Street Generating Stat LP	**-**	**-**	**3,352**	**-**	**-**	**-**	**-**	**-**	**28**
Carr Street (NY)	-	-	3,352	-	-	-	-	-	28
Carson Cogeneration Co	**-**	**-**	**31,514**	**-**	**-**	**-**	**-**	**-**	**274**
Carson Cogen (CA)	-	-	31,514	-	-	-	-	-	274
Carthage Energy LLC	**-**	**30**	**1,152**	**-**	**-**	**-**	**-**	*****	**12**
Carthage Energy LLC (NY)	-	30	1,152	-	-	-	-	*	12
Casco Bay Energy Co LLC	**-**	**-**	**343,897**	**-**	**-**	**-**	**-**	**-**	**2,227**
Maine Independence (ME)	-	-	343,897	-	-	-	-	-	2,227
CE Puna Ltd Partnership	**-**	**-**	**-**	**-**	**-**	**4,096**	**-**	**-**	**-**
Puna Geothermal Venture I (HI)	-	-	-	-	-	4,096	-	-	-
Cedar Bay Cogeneration Co LP	**168,379**	**267**	**-**	**-**	**-**	**-**	**86**	**1**	**-**
Cedar Bay (FL)	168,379	267	-	-	-	-	86	1	-
Celanese Engineering Resin Inc	**-**	**-**	**21,342**	**-**	**-**	**-**	**-**	**-**	**280**
Celanese Engineering Resin Inc (TX)	-	-	21,342	-	-	-	-	-	280
Central & South West Engy Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Newgulf Cogen (TX)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Central Louisiana Electric Co	**-**	**-**	**37,233**	**-**	**-**	**-**	**-**	**-**	**292**
Acadia Power Station (LA)	-	-	37,233	-	-	-	-	-	292
Central Power & Lime Inc	**83,150**	**-**	**-**	**-**	**-**	**-**	**37**	**-**	**-**
Central Power&Lime Inc (FL)	83,150	-	-	-	-	-	37	-	-
Central Wayne Energy Recvy LP	**-**	**-**	**866**	**-**	**-**	**-**	**-**	**-**	**16**
Central Wayne Air Quality (MI)	-	-	866	-	-	-	-	-	16
CF Industries Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
CFI Plant City Phosphate Cplex (FL)	-	-	-	-	-	-	-	-	-
Chalk Cliff Ltd	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Chalk Cliff Cogen (CA)	-	-		-	-	-	-	-	
Chambers Cogeneration LP	**167,885**	**87**	**-**	**-**	**-**	**-**	**79**	*	**-**
Chambers Cogen LP (NJ)	167,885	87	-	-	-	-	79	*	-
Champion International Corp	**35**	**24,331**	**155,266**	**-**	**-**	**81,336**	*	**13**	**1,483**
Bucksport Maine (ME)	-	24,241	131,045	-	-	22,249	-	13	1,039
Courtland Mill (AL)	-	90	23,494	-	-	39,350	-	*	411
Pensacola Florida (FL)	-	-	-	-	-	-	-	-	-
Quinnesec Michigan (MI)	35	-	727	-	-	19,737	*	-	33
Roanoke Rapids North Carolina (NC)	-	-	-	-	-	-	-	-	-
Sartell Mill (MN)	-	-	-	-	-	-	-	-	-
Channel Energy Center LLC	**-**	**-**	**365,369**	**-**	**-**	**-**	**-**	**-**	**2,790**
Channel Energy Center (TX)	-	-	365,369	-	-	-	-	-	2,790
Cherokee County Cogen PLP	**-**	**-**	**4,366**	**-**	**-**	**-**	**-**	**-**	**37**
Cherokee County Cogen (SC)	-	-	4,366	-	-	-	-	-	37
Chevron Refinery	**-**	**3,941**	**2,410**	**-**	**-**	**-**	**-**	**17**	**37**
Hawaii Refinery Cogen Facility (HI)	-	3,941	2,410	-	-	-	-	17	37
Chevron USA Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
1 Power Plant Richmond CA (CA)	-	-		-	-	-	-	-	
Richmond Cogen (CA)	-	-		-	-	-	-	-	
Chevron USA Inc-El Segundo	**-**	**-**	**94,820**	**-**	**-**	**-**	**-**	**-**	**1,031**
El Segundo Refinery (CA)	-	-	94,820	-	-	-	-	-	1,031
Chevron USA Inc-Kern	**-**	**-**	**29,680**	**-**	**-**	**-**	**-**	**-**	**344**
Kern River Eastridge (CA)	-	-	29,680	-	-	-	-	-	344
CHI Energy Inc-Theresa	**-**	**-**	**-**	**722**	**-**	**-**	**-**	**-**	**-**
Diamond Island Plant (NY)	-	-	-	722	-	-	-	-	-
CII Carbon LLC	**-**	**3,644**	**460**	**-**	**-**	**-**	**-**	**2**	**9**
CII Carbon LLC (LA)	-	3,644	460	-	-	-	-	2	9
CITGO Petroleum Corp	**-**	**-**	**24,306**	**-**	**-**	**-**	**-**	**-**	**1,164**
CITGO Refinery Powerhouse (LA)	-	-	24,306	-	-	-	-	-	1,164
Citrus World Inc	**-**	**-**	**6,783**	**-**	**-**	**-**	**-**	**-**	**82**
Florida's Natural Growers (FL)	-	-	6,783	-	-	-	-	-	82
Clear Lake Cogeneration LP	**-**	**-**	**174,790**	**-**	**-**	**-**	**-**	**-**	**1,802**
Clear Lake Cogen (TX)	-	-	174,790	-	-	-	-	-	1,802
CLECO Evangeline LLC	**-**	**-**	**109,755**	**-**	**-**	**-**	**-**	**-**	**819**
Evangeline (LA)	-	-	109,755	-	-	-	-	-	819
Cleveland Cliffs Inc	**65,585**	**4**	**68**	**-**	**-**	**-**	**46**	*	**1**
Silver Bay Power Co (MN)	65,585	4	68	-	-	-	46	*	1
CMS Generation Co	**-**	**1,235**	**13,424**	**-**	**-**	**-**	**-**	**2**	**125**
Lakewood Cogen (NJ)	-	1,235	13,424	-	-	-	-	2	125

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
CMS Generation MI Power LLC	**-**	**-**	**32**	**-**	**-**	**-**	**-**	**-**	**1**
Kalamazoo River (MI)	-	-	-	-	-	-	-	-	-
Livingston (MI)	-	-	32	-	-	-	-	-	1
Cobisa-Person Ltd Partnership	**-**	**201**	**579**	**-**	**-**	**-**	**-**	*	**7**
Delta Person LLC (NM)	-	201	579	-	-	-	-	*	7
Co-Energy Corp of America	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Rockford (IL)	-	-	-	-	-	-	-	-	-
Cogen Energy Technology LP	**-**	**-**	**27,694**	**-**	**-**	**-**	**-**	**-**	**240**
Fort Orange TransCana (NY)	-	-	27,694	-	-	-	-	-	240
CoGen Funding LP	**-**	**-**	**260,231**	**-**	**-**	**-**	**-**	**-**	**2,962**
Cogen Lyondell Inc (TX)	-	-	260,231	-	-	-	-	-	2,962
Co-Gen II	**-**	**-**	**-**	**-**	**-**	**2,149**	**-**	**-**	**-**
Co Gen II LLC (OR)	-	-	-	-	-	2,149	-	-	-
Cogen Technologies Linden Vent	**-**	**3,567**	**435,854**	**-**	**-**	**-**	**-**	**8**	**4,147**
Linden Cogen (NJ)	-	3,567	435,854	-	-	-	-	8	4,147
Cogen Technologies NJ Venture	**-**	**-**	**122,228**	**-**	**-**	**-**	**-**	**-**	**1,028**
Bayonne Cogen (NJ)	-	-	122,228	-	-	-	-	-	1,028
CogenAmerica Morris LLC	**-**	**-**	**42,028**	**-**	**-**	**-**	**-**	**-**	**525**
Calpine Morris LLC (IL)	-	-	42,028	-	-	-	-	-	525
Co-Generation Co	**-**	**-**	**-**	**-**	**-**	**4,748**	**-**	**-**	**-**
Co Gen LLC (OR)	-	-	-	-	-	4,748	-	-	-
Cogentrix Energy Inc	**-**	**-**	**105,790**	**-**	**-**	**-**	**-**	**-**	**863**
Green Country Energy LLC (NC)	-	-	38,287	-	-	-	-	-	274
Ouachita (LA)	-	-	67,503	-	-	-	-	-	589
Cogentrix of N Carolina Inc	**344,508**	**-**	**-**	**-**	**-**	**-**	**184**	**-**	**-**
Cogentrix Hopewell (VA)	53,741	-	-	-	-	-	31	-	-
Cogentrix Of Richmond Inc (VA)	117,840	-	-	-	-	-	65	-	-
Cogentrix Portsmouth (VA)	36,970	-	-	-	-	-	21	-	-
Cogentrix Roxboro (NC)	18,369	-	-	-	-	-	9	-	-
Cogentrix Southport (NC)	35,438	-	-	-	-	-	20	-	-
Dwayne Collier Battle Cogen (NC)	82,150	-	-	-	-	-	37	-	-
Cokenergy Inc	**-**	**-**	**31,598**	**-**	**-**	**-**	**-**	**-**	**1,861**
Heat Recovery Coke (IN)	-	-	31,598	-	-	-	-	-	1,861
Collins Pine Co	**-**	**-**	**-**	**-**	**-**	**720**	**-**	**-**	**-**
Collins Pine (CA)	-	-	-	-	-	720	-	-	-
Colmac Energy Inc	**-**	**3,130**	**41**	**-**	**-**	**31,467**	**-**	**1**	**1**
Mecca (CA)	-	3,130	41	-	-	31,467	-	1	1
Colorado Energy Management LLC	**-**	**-**	**5,889**	**-**	**-**	**-**	**-**	**-**	**1**
Brush IV (CO)	-	-	5,889	-	-	-	-	-	1
Colorado Power Partners	**-**	**-**	**4,172**	**-**	**-**	**-**	**-**	**-**	*
Brush Power Project Phase 1 (CO)	-	-	4,172	-	-	-	-	-	*
Colstrip Energy Ltd Partnershp	**21,169**	**-**	**-**	**-**	**-**	**-**	**18**	**-**	**-**
Colstrip Energy LP (MT)	21,169	-	-	-	-	-	18	-	-
Commonwealth Atlantic LP	**-**	**138**	**36**	**-**	**-**	**-**	**-**	*	**1**
Commonwealth Atlantic LP (VA)	-	138	36	-	-	-	-	*	1
Commonwealth Chesapeake Co LLC	**-**	**8,174**	**-**	**-**	**-**	**-**	**-**	**15**	**-**
Commonwealth Chesapeake (VA)	-	8,174	-	-	-	-	-	15	-
Conectiv Atlantic Generatn Inc	**-**	**895**	**7,273**	**-**	**-**	**-**	**-**	**3**	**99**
Carlis Corner (NJ)	-	-	1,690	-	-	-	-	-	28
Cedar (NJ)	-	141	-	-	-	-	-	*	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Cumberland (NJ)	-	-	-51	-	-	-	-	-	-
Micketon (NJ)	-	-	4,444	-	-	-	-	-	62
Middle (NJ)	-	642	-	-	-	-	-	2	-
Missouri Avenue (NJ)	-	112	-	-	-	-	-	*	-
Sherman Avenue (NJ)	-	-	1,190	-	-	-	-	-	9
Conectiv Energy Supply Inc	**144,297**	**36,265**	**30,122**	**-**	**-**	**-**	**57**	**67**	**329**
Bayview (VA)	-	256	-	-	-	-	-	1	-
Christiana (DE)	-	-11	-	-	-	-	-	-	-
Crisfield (MD)	-	366	-	-	-	-	-	1	-
Delaware City 10 (DE)	-	-8	-	-	-	-	-	-	-
Edge Moor (DE)	144,297	32,669	2,411	-	-	-	57	59	27
Hay Road (DE)	-	2,912	27,711	-	-	-	-	6	302
Tasley (VA)	-	41	-	-	-	-	-	*	-
West Station (DE)	-	40	-	-	-	-	-	*	-
Connecticut Resource Recv Auth	**174**	**-**	**-**	**-**	**-**	**-**	*	**-**	**-**
Mid Connecticut (CT)	174	-	-	-	-	-	*	-	-
Conoco Inc & BP Amoco	**-**	**-**	**6,081**	**-**	**-**	**-**	**-**	**-**	**374**
Ponca City Refinery (OK)	-	-	6,081	-	-	-	-	-	374
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	**39,639**	**-**	**9,713**	**5,235**	**-**	**25,436**	**49**	**-**	**315**
Biron Mill (WI)	21,540	-	-	-	-	1,355	21	-	-
Duluth Paper Mill (MN)	-	-	-	-	-	-	-	-	-
Kimberly Mill (WI)	5,893	-	6,028	536	-	-	7	-	198
Niagara Mill (WI)	4,146	-	-	4,699	-	663	7	-	-
Wisconsin Rapids Pulp (WI)	8,060	-	3,685	-	-	23,418	15	-	117
Constellation Power Source Gen	**995,767**	**146,743**	**4,885**	**-**	**2,022,786**	**-**	**423**	**265**	**59**
Brandon Shores (MD)	633,821	4,014	-	-	-	-	271	7	-
C P Crane (MD)	116,789	831	684	-	-	-	47	1	7
Calvert Cliffs (MD)	-	-	-	-	1,292,322	-	-	-	-
Gould Street (MD)	-	23,487	199	-	-	-	-	42	2
H A Wagner (MD)	245,157	95,218	2,256	-	-	-	105	160	22
Nine Mile Point (NY)	-	-	-	-	730,464	-	-	-	-
Notch Cliff (MD)	-	-	1,745	-	-	-	-	-	27
Perryman (MD)	-	19,499	-	-	-	-	-	44	-
Philadelphia (MD)	-	2,458	-	-	-	-	-	7	-
Riverside (MD)	-	1,236	1	-	-	-	-	4	1
Westport (MD)	-	-	-	-	-	-	-	-	*
Continental Energy Associates	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Continental Energy Assoc (PA)	-	-	-	-	-	-	-	-	-
Worthington (IN)	-	-	-	-	-	-	-	-	-
Cordova Energy Co Inc	**-**	**-**	**11,183**	**-**	**-**	**-**	**-**	**-**	**90**
Cordova (IL)	-	-	11,183	-	-	-	-	-	90
Corn Products Internat'l Inc	**31,574**	**-**	**1,014**	**-**	**-**	**-**	**26**	**-**	**15**
Corn Products Illinois (IL)	31,574	-	1,014	-	-	-	26	-	15
Corona Energy Partners Ltd	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Corona Cogen (CA)	-	-		-	-	-	-	-	
Corpus Christi Cogeneration LP	**-**	**-**	**82,042**	**-**	**-**	**-**	**-**	**-**	**561**
Corpus Christi Energy Center (TX)	-	-	82,042	-	-	-	-	-	561
Coso Energy Developers	**-**	**-**	**-**	**-**	**-**	**131,449**	**-**	**-**	**-**
Coso Energy Developers (CA)	-	-	-	-	-	63,139	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)	-	-	-	-	-	68,310	-	-	-
Coso Finance Partners	**-**	**-**	**-**	**-**	**-**	**68,052**	**-**	**-**	**-**
Coso Finance Partners (CA)	-	-	-	-	-	68,052	-	-	-
County Sanitation-Orange Cnty	**-**	**-**	**2,017**	**-**	**-**	**7,558**	**-**	**-**	**19**
Plant No 1 (CA)	-	-	1,618	-	-	1,775	-	-	18
Plant No 2 (CA)	-	-	399	-	-	5,783	-	-	2
CPN South Point LLC	**-**	**-**	**336,070**	**-**	**-**	**-**	**-**	**-**	**2,396**
South Point Energy Center (AZ)	-	-	336,070	-	-	-	-	-	2,396
Craven County Wood Energy LP	**-**	**-**	**-**	**-**	**-**	**31,507**	**-**	**-**	**-**
Craven County Wood Energy LP (NC)	-	-	-	-	-	31,507	-	-	-
Crockett Cogeneration	**-**	**-**	**151,195**	**-**	**-**	**-**	**-**	**-**	**1,284**
Crockett Cogen (CA)	-	-	151,195	-	-	-	-	-	1,284
Crown Paper Co	**-**	**-**	**-**	**13,595**	**-**	**-**	**-**	**-**	**-**
Berlin Gorham (NH)	-	-	-	13,595	-	-	-	-	-
CT Jet Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Cos Cob (CT)	-	-	-	-	-	-	-	-	-
Daggett Leasing Corp et al	**-**	**-**	**17**	**-**	**-**	**73**	**-**	**-**	*
SEGS II (CA)	-	-	17	-	-	73	-	-	*
Dartmouth Power Associates LP	**-**	**3**	**50,270**	**-**	**-**	**-**	**-**	*	**412**
Dartmouth Power Assoc (MA)	-	3	50,270	-	-	-	-	*	412
Davenport City of	**-**	**-**	**116**	**-**	**-**	**369**	**-**	**-**	**1**
Davenport Water Pollution Cont (IA)	-	-	116	-	-	369	-	-	1
Davis CSWM & Energy RSSD	**-**	**2**	**-**	**-**	**-**	**-**	**-**	*	**-**
Wasatch Energy Systems (UT)	-	2	-	-	-	-	-	*	-
De Pere Energy LLC	**-**	**-**	**22,593**	**-**	**-**	**-**	**-**	**-**	**264**
De Pere Energy Center (WI)	-	-	22,593	-	-	-	-	-	264
Deanborn Industrial Gen Inc	**-**	**-**	**97,873**	**-**	**-**	**-**	**-**	**-**	**608**
Dearborn Industrial (MI)	-	-	97,873	-	-	-	-	-	608
Del Ranch Ltd Partnership	**-**	**-**	**-**	**-**	**-**	**29,754**	**-**	**-**	**-**
A W Hoch (CA)	-	-	-	-	-	29,754	-	-	-
Delano Energy Co Inc	**-**	**-**	**-**	**-**	**-**	**27,632**	**-**	**-**	**-**
Delano Energy Co Inc (CA)	-	-	-	-	-	27,632	-	-	-
Delmarva Operating Inc	**-**	**-**	**533,693**	**-**	**-**	**-**	**-**	**-**	**3,811**
Delta Energy Center (CA)	-	-	533,693	-	-	-	-	-	3,811
Denver City Energy Assoc LP	**-**	**-**	**222,968**	**-**	**-**	**-**	**-**	**-**	**1,629**
Mustang (TX)	-	-	222,968	-	-	-	-	-	1,629
Des Moines Metro WRF	**-**	**-**	**-**	**-**	**-**	**1,053**	**-**	**-**	**-**
Des Moines Metro WRA Wastewate (IA)	-	-	-	-	-	1,053	-	-	-
Devon Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Devon (CT)	-	-	-	-	-	-	-	-	-
Dexter Corp	**-**	**203**	**33,294**	**-**	**-**	**-**	**-**	*	**111**
Ahlstrom Fiber Composities (CT)	-	203	33,294	-	-	-	-	*	111
DFO Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
H Power (HI)	-	-	-	-	-	-	-	-	-
Difwind Farms Ltd V	**-**	**-**	**-**	**-**	**-**	**729**	**-**	**-**	**-**
Difwind Farms Ltd V (CA)	-	-	-	-	-	729	-	-	-
Difwind Farms Ltd VI	**-**	**-**	**-**	**-**	**-**	**1,850**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)	-	-	-	-	-	1,850	-	-	-
Difwind Farms Ltd VII	**-**	**-**	**-**	**-**	**-**	**975**	**-**	**-**	**-**
Difwind Farms Ltd VII (CA)	-	-	-	-	-	975	-	-	-
Difwind Farms Ltd VIII	**-**	**-**	**-**	**-**	**-**	**954**	**-**	**-**	**-**
Difwind Farms Ltd VIII (CA)	-	-	-	-	-	954	-	-	-
Dighton Power Associates LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Dighton Power Assoc (MA)	-	-	-	-	-	-	-	-	-
Dominion Energy	**-**	**-**	**4,824**	**-**	**-**	**-**	**-**	**-**	**52**
Elwood Energy LLC (IL)	-	-	4,824	-	-	-	-	-	52
Dominion Kincaid Inc	**409,922**	**-**	**985**	**-**	**-**	**-**	**246**	**-**	**10**
Kincaid (IL)	409,922	-	985	-	-	-	246	-	10
Dominion Nuclear Conn Inc	**-**	**-**	**-**	**-**	**1,260,093**	**-**	**-**	**-**	**-**
Millstone (CT)	-	-	-	-	1,260,093	-	-	-	-
Dominion Resources Inc	**-**	**-**	**25,100**	**-**	**-**	**-**	**-**	**-**	**251**
Armstrong Energy LLC (PA)	-	-	25,100	-	-	-	-	-	251
Troy Energy LLC (OH)	-	-	-	-	-	-	-	-	-
Domino Sugar Corp	**-**	**-**	**5,888**	**-**	**-**	**-**	**-**	**-**	**167**
Baltimore (MD)	-	-	5,888	-	-	-	-	-	167
Domtar Corp	**12,323**	**3,387**	**7,041**	**16,704**	**-**	**99,892**	**29**	**50**	**364**
Ashdown (AR)	9,240	-	6,889	-	-	61,024	20	-	351
Nekoosa Mill (WI)	3,083	-	142	2,830	-	13,804	9	-	10
Port Edwards Mill (WI)	-	794	10	3,585	-	4,660	-	34	3
Woodland (ME)	-	2,593	-	10,289	-	20,404	-	16	-
Donohue Inc	**-**	**-**	**6,409**	**-**	**-**	**5,788**	**-**	**-**	**260**
Lufkin Texas (TX)	-	-	6,409	-	-	5,788	-	-	260
Donohue Industries Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Sheldon Texas (TX)	-	-	-	-	-	-	-	-	-
Doswell Ltd Partnership	**-**	**327**	**174,665**	**-**	**-**	**-**	**-**	**1**	**1,442**
Doswell Combined Cycle (VA)	-	327	174,665	-	-	-	-	1	1,442
Double 'C' Ltd	**-**	**-**	**36,007**	**-**	**-**	**-**	**-**	**-**	**372**
Double C (CA)	-	-	36,007	-	-	-	-	-	372
Dow Chemical Co	**-**	**-**	**795,960**	**-**	**-**	**-**	**-**	**-**	**10,469**
CA II (Chlor Alkali II) (LA)	-	-		-	-	-	-	-	
Power and Utilities (LA)	-	-	298,953	-	-	-	-	-	4,682
The Dow Chemical Co Texas Op (TX)	-	-	497,007	-	-	-	-	-	5,787
DPL Energy Inc(Tait)	**-**	**-**	**735**	**-**	**-**	**-**	**-**	**-**	**10**
Darby (OH)	-	-	-	-	-	-	-	-	*
Greenville (OH)	-	-	723	-	-	-	-	-	7
Montpelier (OH)	-	-	12	-	-	-	-	-	*
Tait (OH)	-	-	-	-	-	-	-	-	2
DPL Inc	**-**	**-**	**7,885**	**-**	**-**	**-**	**-**	**-**	**91**
DTE East China LLC (MI)	-	-	7,885	-	-	-	-	-	91
Duke Energy Enterprise LLC	**-**	**-**	**1,152**	**-**	**-**	**-**	**-**	**-**	**14**
Enterprise Energy Facility (MS)	-	-	1,152	-	-	-	-	-	14
Duke Energy Hinds LLC	**-**	**-**	**43,480**	**-**	**-**	**-**	**-**	**-**	**309**
Hinds (MS)	-	-	43,480	-	-	-	-	-	309
Duke Energy Hot Spring LLC	**-**	**-**	**8,321**	**-**	**-**	**-**	**-**	**-**	**67**
Hot Spring (AR)	-	-	8,321	-	-	-	-	-	67
Duke Energy Lee County LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Lee County (IL)	-	-		-	-	-	-	-	

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Duke Energy Marshall Cnty LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Marshall County (KY)	-	-	-	-	-	-	-	-	-
Duke Energy McClain LLC	**-**	**-**	**56,902**	**-**	**-**	**-**	**-**	**-**	**387**
McClain Energy (OK)	-	-	56,902	-	-	-	-	-	387
Duke Energy Morro Bay LLC	**-**	**-**	**54,382**	**-**	**-**	**-**	**-**	**-**	**580**
Morro Bay (CA)	-	-	54,382	-	-	-	-	-	580
Duke Energy Moss Landing LLC	**-**	**-**	**846,116**	**-**	**-**	**-**	**-**	**-**	**6,347**
Moss Landing (CA)	-	-	846,116	-	-	-	-	-	6,347
Duke Energy North America LLC	**-**	**-**	**3,838**	**-**	**-**	**-**	**-**	**-**	**31**
Duke Energy Murray LLC (GA)	-	-	3,838	-	-	-	-	-	31
Duke Energy Sandersville LLC (GA)	-	-	-	-	-	-	-	-	-
Duke Energy Oakland LLC	**-**	**910**	**-**	**-**	**-**	**-**	**-**	**2**	**-**
Duke Energy Oakland LLC (CA)	-	910	-	-	-	-	-	2	-
Duke Energy South Bay LLC	**-**	**11**	**82,193**	**-**	**-**	**-**	**-**	*****	**890**
Duke Energy South Bay LLC (CA)	-	11	82,193	-	-	-	-	*	890
Duke Energy Washington LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8**
Washington Energy Facility (OH)	-	-	-	-	-	-	-	-	8
Duncan Walter Et Al	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Duke Energy Southaven LLC (MS)	-	-	-	-	-	-	-	-	-
DuPage County	**-**	**23**	**150**	**-**	**-**	**27**	**-**	*****	**1**
DuPage County Region 9 West Wa (IL)	-	23	150	-	-	27	-	*	1
Dynegy Inc	**130,352**	**282,178**	**175,258**	**-**	**-**	**-**	**53**	**445**	**1,881**
Danskammer (NY)	130,352	8,577	1,463	-	-	-	53	14	15
Division (CA)	-	37	-	-	-	-	-	*	-
El Cajon (CA)	-	41	-	-	-	-	-	*	-
Encina (CA)	-	-	169,840	-	-	-	-	-	1,823
Kearny (CA)	-	121	368	-	-	-	-	*	6
Miramar (CA)	-	-	164	-	-	-	-	-	2
Naval Station (CA)	-	-	-	-	-	-	-	-	-
Naval Training Center (CA)	-	-	-	-	-	-	-	-	-
North Island (CA)	-	-	-	-	-	-	-	-	-
Roseton (NY)	-	273,402	3,423	-	-	-	-	430	34
Dynegy Midwest Generation	**1,890,319**	**1,853**	**6,023**	**-**	**-**	**11,273**	**1,079**	**3**	**74**
Baldwin (IL)	1,121,151	1,144	-	-	-	11,273	659	2	-
Havana (IL)	229,749	709	66	-	-	-	103	1	1
Hennepin (IL)	190,227	-	76	-	-	-	112	-	1
Oglesby (IL)	-	-	72	-	-	-	-	-	1
Stallings (IL)	-	-	-	-	-	-	-	-	*
Tilton (IL)	-	-	5,125	-	-	-	-	-	64
Vermilion (IL)	94,842	-	483	-	-	-	49	-	5
Wood River (IL)	254,350	-	201	-	-	-	156	-	3
E A Petroleum	**-**	**-**	**-109**	**-**	**-**	**-**	**-**	**-**	**-**
Crete Energy Park (IL)	-	-	-109	-	-	-	-	-	-
E I DuPont De Nemours & Co	**3,537**	**321**	**138,337**	**-**	**-**	**-**	**4**	**2**	**1,685**
Sabine River Works (TX)	-	-	74,715	-	-	-	-	-	923
Victoria Texas Plant (TX)	-	-	63,558	-	-	-	-	-	760
Waynesboro Virginia (VA)	3,537	321	64	-	-	-	4	2	2
Eagle Point Cogen Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Eagle Point Cogen (NJ)	-	-	-	-	-	-	-	-	-
Eastern Conn Res Recvy Auth	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Lisbon (CT)	-	-	-	-	-	-	-	-	-
Eastex CoGeneration LP	**-**	**-**	**265,367**	**-**	**-**	**-**	**-**	**-**	**2,743**
Eastex Cogeneration Facility (TX)	-	-	265,367	-	-	-	-	-	2,743

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Eastman Kodak Co	**48,185**	**3,925**	**4,139**	**-**	**-**	**-**	**50**	**17**	**108**
Kodak Park (NY)	48,185	3,925	4,139	-	-	-	50	17	108
Ebensburg Power Co	**36,119**	**-**	**-**	**-**	**-**	**-**	**41**	**-**	**-**
Ebensburg Power Co (PA)	36,119	-	-	-	-	-	41	-	-
Edgan Wray Love Trust	**-**	**-**	**-**	**-**	**-**	**6,783**	**-**	**-**	**-**
Lakota Ridge (MN)	-	-	-	-	-	3,082	-	-	-
Shaokatan Hills (MN)	-	-	-	-	-	3,701	-	-	-
EF Oxnard Inc	**-**	**-**	**13,106**	**-**	**-**	**-**	**-**	**-**	**116**
E F Oxnard Oxnard Energy (CA)	-	-	13,106	-	-	-	-	-	116
El Dorado Energy LLC	**-**	**-**	**352,766**	**-**	**-**	**-**	**-**	**-**	**2,487**
El Dorado Energy (NV)	-	-	352,766	-	-	-	-	-	2,487
El Paso Merchant Energy Co	**-**	**-**	**164,789**	**-**	**-**	**-**	**-**	**-**	**1,160**
Bastrop Energy Center (TX)	-	-	164,789	-	-	-	-	-	1,160
El Segundo Power LLC	**-**	**-**	**212,481**	**-**	**-**	**-**	**-**	**-**	**2,124**
El Segundo (CA)	-	-	212,481	-	-	-	-	-	2,124
Elkem Metals Co	**15,835**	**-**	**-**	**63,104**	**-**	**-**	**8**	**-**	**-**
Alloy Steam (WV)	15,835	-	-	-	-	-	8	-	-
Hawks Nest Hydro (WV)	-	-	-	63,104	-	-	-	-	-
Elmore Ltd Partnership	**-**	**-**	**-**	**-**	**-**	**25,953**	**-**	**-**	**-**
J J Elmore (CA)	-	-	-	-	-	25,953	-	-	-
EME Homer City Generation LP	**1,268,683**	**-**	**-**	**-**	**-**	**-**	**505**	**-**	**-**
Homer City (PA)	1,268,683	-	-	-	-	-	505	-	-
Empire Energy LLC	**-**	**-**	**-**	**-**	**-**	**1,792**	**-**	**-**	**-**
Empire (NV)	-	-	-	-	-	1,792	-	-	-
Encina Joint Powers Authority	**-**	**-**	**349**	**-**	**-**	**297**	**-**	**-**	**5**
Encina Water Pollution Control (CA)	-	-	349	-	-	297	-	-	5
Ennis-Tractebel Co Inc	**-**	**-**	**96,183**	**-**	**-**	**-**	**-**	**-**	**658**
Ennis Tractebel Power Co LP (TX)	-	-	96,183	-	-	-	-	-	658
Enron Wind	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Green Power I (CA)	-	-	-	-	-		-	-	-
Entergy Nuclear Oper-Fitz	**-**	**-**	**-**	**-**	**629,316**	**-**	**-**	**-**	**-**
James A Fitzpatrick (NY)	-	-	-	-	629,316	-	-	-	-
Entergy Nuclear Oper-Indian	**-**	**-**	**-**	**-**	**1,371,825**	**-**	**-**	**-**	**-**
Indian Point 2 (NY)	-	-	-	-	666,841	-	-	-	-
Indian Point 3 (NY)	-	-	-	-	704,984	-	-	-	-
Entergy Nuclear Vermont Yankee	**-**	**-**	**-**	**-**	**394,389**	**-**	**-**	**-**	**-**
Vermont Yankee (VT)	-	-	-	-	394,389	-	-	-	-
Equilon Enterprises LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Equilon Los Angeles Refining (CA)	-	-		-	-	-	-	-	
Equistar Chemicals LP	**-**	**-**	**27,584**	**-**	**-**	**-**	**-**	**-**	**362**
Corpus Christi (TX)	-	-	27,584	-	-	-	-	-	362
Erie Coke Corp	**235**	**-**	**641**	**-**	**-**	**-**	**1**	**-**	**93**
Erie Coke Corp (PA)	235	-	641	-	-	-	1	-	93
ESI Mojave LLC	**-**	**-**	**-**	**-**	**-**	**9,474**	**-**	**-**	**-**
Delaware Mountain Windfarm (TX)	-	-	-	-	-	3,660	-	-	-
Mojave 16 (CA)	-	-	-	-	-	1,955	-	-	-
Mojave 17 (CA)	-	-	-	-	-	1,812	-	-	-
Mojave 18 (CA)	-	-	-	-	-	2,047	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
ESI Vansycle Partners LP	**-**	**-**	**-**	**-**	**-**	**6,269**	**-**	**-**	**-**
Vansycle Ridge (OR)	-	-	-	-	-	6,269	-	-	-
EUI Management PH Inc	**-**	**-**	**-**	**-**	**-**	**2,277**	**-**	**-**	**-**
EUIPH Wind Farm (CA)	-	-	-	-	-	2,277	-	-	-
Exelon Generation Co LLC	**134,167**	**92,954**	**69,058**	**160,733**	**10,908,444**	**-**	**69**	**208**	**982**
Braidwood (IL)	-	-	-	-	1,686,273	-	-	-	-
Byron (IL)	-	-	-	-	1,793,412	-	-	-	-
Chester (PA)	-	75	-	-	-	-	-	*	-
Conowingo (MD)	-	-	-	207,813	-	-	-	-	-
Cromby (PA)	-1,489	16,670	1,059	-	-	-	-	36	14
Croydon (PA)	-	-210	-	-	-	-	-	1	-
Delaware (PA)	-	14,223	-	-	-	-	-	36	-
Dresden (IL)	-	-	-	-	1,145,176	-	-	-	-
Eddystone (PA)	135,656	62,089	6,928	-	-	-	69	131	89
Fairless (PA)	-	9	28	-	-	-	-	*	1
Falls (PA)	-	64	-	-	-	-	-	*	-
Handley (TX)	-	-	60,621	-	-	-	-	-	855
LaPorte (TX)	-	-	-293	-	-	-	-	-	*
LaSalle (IL)	-	-	-	-	1,707,453	-	-	-	-
Limerick (PA)	-	-	-	-	1,753,837	-	-	-	-
Moser (PA)	-	30	-	-	-	-	-	*	-
Mountain Creek (TX)	-	-	611	-	-	-	-	-	22
Muddy Run (PA)	-	-	-	-47,080	-	-	-	-	-
Peach Bottom (PA)	-	-	-	-	1,539,148	-	-	-	-
Quad Cities (IL)	-	-	-	-	1,283,145	-	-	-	-
Richmond (PA)	-	-131	-	-	-	-	-	*	-
Schuylkill (PA)	-	67	-	-	-	-	-	3	-
Southeast Chicago (IL)	-	-	104	-	-	-	-	-	2
Southwark (PA)	-	68	-	-	-	-	-	*	-
Exeter Energy LP	**-**	**30**	**-**	**-**	**-**	**15,119**	**-**	*	**-**
Exeter (CT)	-	30	-	-	-	15,119	-	*	-
Exxon Chemical Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Baton Rouge Cogen (TX)	-	-		-	-	-	-	-	
Baton Rouge Turbine (LA)	-	-		-	-	-	-	-	
Exxon Co USA	**-**	**-**	**37,731**	**-**	**-**	**-**	**-**	**-**	**350**
Baytown PP3 (TX)	-	-		-	-	-	-	-	
Baytown Turbine (TX)	-	-		-	-	-	-	-	
Santa Ynez (CA)	-	-	37,731	-	-	-	-	-	350
Fairhaven Power Co	**-**	**-**	**349**	**-**	**-**	**4,587**	**-**	**-**	**7**
Fairhaven (CA)	-	-	349	-	-	4,587	-	-	7
Farmland Hydro Ltd Partner	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Farmland Hydro LP (FL)	-	-	-	-	-	-	-	-	-
Federal Paper Board Co Inc	**755**	**11,120**	**511**	**-**	**-**	**20,945**	**2**	**111**	**31**
International Paper Riegelwood (NC)	755	11,120	511	-	-	20,945	2	111	31
Fibertek Energy LLC	**25,054**	**-**	**-**	**-**	**-**	**-**	**22**	**-**	**-**
Trigen Syracuse (NY)	25,054	-	-	-	-	-	22	-	-
Finch Pruyn & Co Inc	**-**	**2,299**	**2,212**	**6,950**	**-**	**1,985**	**-**	**22**	**130**
Finch Pruyn (NY)	-	2,299	2,212	6,950	-	1,985	-	22	130
First National Bank-Commerce	**-**	**-**	**-**	**61,042**	**-**	**-**	**-**	**-**	**-**
Sidney A Murray Jr Hydro (LA)	-	-	-	61,042	-	-	-	-	-
Flowind Corp	**-**	**-**	**-**	**-**	**-**	**9,413**	**-**	**-**	**-**
Altamont Power LLC (CA)	-	-	-	-	-	79	-	-	-
Cameron Ridge (CA)	-	-	-	-	-	9,334	-	-	-
Footville Water&Electric Comm	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	*
Foothills (KY)	-	-	-	-	-	-	-	-	*
Ford Master Credit Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Bay Resource Management Center (FL)	-	-	-	-	-	-	-	-	-
Formosa Plastics Corp	**-**	**-**	**420,444**	**-**	**-**	**-**	**-**	**-**	**4,628**
Formosa Plastics Corp (LA)	-	-	86,470	-	-	-	-	-	974
Formosa Utility Venture Ltd (TX)	-	-	333,974	-	-	-	-	-	3,654
Fort Howard Corp	**32,662**	**14,208**	**-**	**-**	**-**	**-**	**26**	**10**	**-**
Green Bay West Mill (WI)	32,662	14,208	-	-	-	-	26	10	-
Fort James Operating Co	**5,780**	**41,603**	**2,071**	**-**	**-**	**338**	**4**	**24**	**42**
Savannah River Mill (GA)	5,780	41,603	2,071	-	-	338	4	24	42
Foster Wheeler Power Sys Inc	**-**	**-**	**74,792**	**-**	**-**	**-**	**-**	**-**	**656**
Camden Resource Recovery (NJ)	-	-	-	-	-	-	-	-	-
Foster Wheeler Martinez Inc (CA)	-	-	74,792	-	-	-	-	-	656
Foster Wheeler-Mt Carmel Inc	**26,295**	**-**	**-**	**-**	**-**	**-**	**49**	**-**	**-**
Mount Carmel Cogen (PA)	26,295	-	-	-	-	-	49	-	-
Fountain Valley Power LLC	**-**	**-**	**23,232**	**-**	**-**	**-**	**-**	**-**	**258**
Fountain Valley (CO)	-	-	23,232	-	-	-	-	-	258
Fox Metro Water Reclamation	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	*
Fox Metro Water Reclamation Di (IL)	-	-	-	-	-	-	-	-	*
FPL Energy Inc	**-**	**-**	**-**	**-**	**-**	**62,927**	**-**	**-**	**-**
Badger Windpower LLC (KS)	-	-	-	-	-	4,881	-	-	-
Gray County Wind Energy (KS)	-	-	-	-	-	25,883	-	-	-
Lake Benton II (MN)	-	-	-	-	-	32,163	-	-	-
FPL Energy LLC	**-**	**-**	**-**	**-**	**861,635**	**-**	**-**	**-**	**-**
Seabrook (NH)	-	-	-	-	861,635	-	-	-	-
FPL Energy Maine Inc	**-**	**98,407**	**-**	**75,524**	**-**	**22,488**	**-**	**167**	**-**
Androscoggin 3 (ME)	-	-	-	-	-	-	-	-	-
Aroostook Valley (ME)	-	-	-	-	-	22,488	-	-	-
Bar Mills (ME)	-	-	-	1,620	-	-	-	-	-
Bates Mill Upper (ME)	-	-	-	-	-	-	-	-	-
Bonny Eagle (ME)	-	-	-	5,578	-	-	-	-	-
Brunswick (ME)	-	-	-	4,627	-	-	-	-	-
Cataract (ME)	-	-	-	4,163	-	-	-	-	-
Charles E Monty (ME)	-	-	-	5,970	-	-	-	-	-
Continental Mills (ME)	-	-	-	-	-	-	-	-	-
Deer Rips (ME)	-	-	-	-	-	-	-	-	-
Fort Halifax (ME)	-	-	-	786	-	-	-	-	-
Gulf Island (ME)	-	-	-	9,597	-	-	-	-	-
Harris (ME)	-	-	-	5,883	-	-	-	-	-
Hill Mill (ME)	-	-	-	-	-	-	-	-	-
Hiram (ME)	-	-	-	3,370	-	-	-	-	-
Mason Steam (ME)	-	-	-	-	-	-	-	-	-
Messalonkskee 2 (Oakland) (ME)	-	-	-	1,127	-	-	-	-	-
Messalonkskee 3 (ME)	-	-	-	-	-	-	-	-	-
Messalonkskee 5 (ME)	-	-	-	-	-	-	-	-	-
North Gorham (ME)	-	-	-	711	-	-	-	-	-
Shawmut (ME)	-	-	-	2,729	-	-	-	-	-
Skelton (ME)	-	-	-	8,045	-	-	-	-	-
West Buxton (ME)	-	-	-	-	-	-	-	-	-
Weston (ME)	-	-	-	4,276	-	-	-	-	-
William F Wyman (ME)	-	98,407	-	-	-	-	-	167	-
Williams (ME)	-	-	-	4,361	-	-	-	-	-
Wyman Hydro (ME)	-	-	-	12,681	-	-	-	-	-
FPL Energy Operating Serv Inc	**-**	**-**	**169,160**	**-**	**-**	**-**	**-**	**-**	**1,223**
FPLE Rhode Island State Energ (RI)	-	-	169,160	-	-	-	-	-	1,223
FPL Energy Uptond Wind LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Upton Wind I (TX)	-	-	-	-	-		-	-	-
FPL Energy Vansycle LLC	**-**	**-**	**-**	**-**	**-**	**53,564**	**-**	**-**	**-**
ESI Vansycle Partners, LLC (OR)	-	-	-	-	-	21,473	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
FPL Enegy Vansycle LLC (WA)	-	-	-	-	-	32,091	-	-	-
Fraser Paper Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fraser Paper Inc (WI)	-	-	-	-	-	-	-	-	-
Freede Henry J Dr	**-**	**-**	**124,190**	**-**	**-**	**-**	**-**	**-**	**878**
Frederickson Power LP (WA)	-	-	124,190	-	-	-	-	-	878
Freestone Power Generation LP	**-**	**-**	**263,395**	**-**	**-**	**-**	**-**	**-**	**1,879**
Freestone Power Generation LP (TX)	-	-	263,395	-	-	-	-	-	1,879
Fresno Cogeneration Partners	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Fresno Cogen (CA)	-	-		-	-	-	-	-	
Frontier Generation LP	**-**	**-**	**68,848**	**-**	**-**	**-**	**-**	**-**	**567**
Frontera (TX)	-	-	68,848	-	-	-	-	-	567
Ft Worth City of	**-**	**-**	**2,023**	**-**	**-**	**419**	**-**	**-**	**104**
Village Creek Wastewater Treat (TX)	-	-	2,023	-	-	419	-	-	104
Fulton Cogeneration Associates	**-**	**-**	**1,440**	**-**	**-**	**-**	**-**	**-**	**15**
Fulton Cogen Assoc (NY)	-	-	1,440	-	-	-	-	-	15
G H Drilling Co	**-**	**-**	**-**	**-**	**-**	**9,023**	**-**	**-**	**-**
Backbone Mountain Windpower (WV)	-	-	-	-	-	9,023	-	-	-
Gas Recovery Systems Inc	**-**	**-**	**39**	**-**	**-**	**-**	**-**	**-**	**1**
Coyote Canyon (CA)	-	-	39	-	-	-	-	-	1
Gaylord Container Corp	**-**	**1,810**	**4,443**	**-**	**-**	**28,647**	**-**	**11**	**165**
Gaylord Container Corp Antioch (CA)	-	-		-	-	-	-	-	
Gaylord Container Corp Bogalus (LA)	-	1,810	4,443	-	-	28,647	-	11	165
Gaylord Entertainment Co	**-**	**-**	**3,253**	**-**	**-**	**-**	**-**	**-**	**39**
Opryland USA (TN)	-	-	3,253	-	-	-	-	-	39
GEM Resources	**-**	**-**	**-**	**-**	**-**	**6,218**	**-**	**-**	**-**
GEM II (CA)	-	-	-	-	-	-	-	-	-
GEM III (CA)	-	-	-	-	-	6,218	-	-	-
General Chemical Corp	**19,465**	**17**	**1,623**	**-**	**-**	**-**	**43**	*****	**88**
General Chemical (WY)	19,465	17	1,623	-	-	-	43	*	88
General Electric Co	**-**	**11,619**	**6**	**-**	**-**	**-**	**-**	**42**	*****
GE Company Aircraft Engines (MA)	-	11,619	6	-	-	-	-	42	*
General Growth Proper Tire Inc	**-**	**65**	**852**	**-**	**-**	**-**	**-**	*****	**11**
Westroads Shopping Center (NE)	-	65	852	-	-	-	-	*	11
General Motors Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Powertrain Warren GMC (MI)	-	-	-	-	-	-	-	-	-
Genesee Power Station LP	**-**	**-**	**-**	**-**	**-**	**16,771**	**-**	**-**	**-**
Genesee (MI)	-	-	-	-	-	16,771	-	-	-
Georgia Gulf Corp	**-**	**-**	**147,584**	**-**	**-**	**-**	**-**	**-**	**1,901**
Plaquemine (LA)	-	-	147,584	-	-	-	-	-	1,901
Georgia-Pacific Corp	**76**	**4,118**	**16,318**	**-**	**-**	**105,369**	*****	**36**	**761**
Big Island (VA)	-	-	-	-	-	-	-	-	-
Brunswick (GA)	-	4,069	1,541	-	-	29,805	-	36	83
Cedar Springs (GA)	76	49	3	-	-	375	*	*	*
Crossett (AR)	-	-	1,208	-	-	45,567	-	-	177
Fort Bragg (CA)	-	-	-	-	-	-	-	-	-
Leaf River (MS)	-	-	-	-	-	-	-	-	-
Monticello (MS)	-	-	-	-	-	-	-	-	-
Naheola Mill (AL)	-	-	-	-	-	-	-	-	-
Palatka (FL)	-	-	-	-	-	-	-	-	-
Port Hudson (LA)	-	-	13,566	-	-	29,622	-	-	501

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
German Al Trust	**41,973**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Muskogee Mill (OK)	41,973	-	-	-	-	-	-	-	-
Gilberton Power Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
John B Rich Memorial (PA)	-	-	-	-	-	-	-	-	-
Gillette Co	**-**	**-**	**5,920**	**-**	**-**	**-**	**-**	**-**	**120**
Gillette Co (MA)	-	-	5,920	-	-	-	-	-	120
Gilman Paper Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Durango-Georgia Paper Co (GA)	-	-	-	-	-	-	-	-	-
Glen Park Associates	**-**	**-**	**-**	**1,893**	**-**	**-**	**-**	**-**	**-**
Glen Park Hydro (NY)	-	-	-	1,893	-	-	-	-	-
Goaline Ltd Partnership	**-**	**-**	**38,143**	**-**	**-**	**-**	**-**	**-**	**304**
Goal Line LP (CA)	-	-	38,143	-	-	-	-	-	304
Goodyear Tire & Rubber Co	**8,206**	**31**	**22,563**	**-**	**-**	**-**	**10**	*****	**904**
Goodyear (OH)	8,206	31	-	-	-	-	10	*	-
The Goodyear&Tire Rubber Co (TX)	-	-	22,563	-	-	-	-	-	904
Gorbell Thermo Electron Pwr Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Boralex Athens Energy (ME)	-	-	-	-	-		-	-	-
Gordonsville Energy LP	**-**	**16,003**	**8,523**	**-**	**-**	**-**	**-**	**34**	**4**
Gordonsville Energy LP (VA)	-	16,003	8,523	-	-	-	-	34	4
GPU International Inc-Onondaga	**-**	**-**	**17,724**	**-**	**-**	**-**	**-**	**-**	**143**
Onondaga Cogen (NY)	-	-	17,724	-	-	-	-	-	143
Granger Electric Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Brent Run (MI)	-	-	-	-	-	-	-	-	-
Grand Blanc (MI)	-	-	-	-	-	-	-	-	-
Granger Electric 1 (MI)	-	-	-	-	-	-	-	-	-
Granger Electric 2 (MI)	-	-	-	-	-	-	-	-	-
Ottawa (MI)	-	-	-	-	-	-	-	-	-
Seymour Road (MI)	-	-	-	-	-	-	-	-	-
Grayling Generating Station LP	**-**	**-**	**1**	**-**	**-**	**16,360**	**-**	**-**	*****
Grayling (MI)	-	-	1	-	-	16,360	-	-	*
Grays Ferry Cogeneration Partn	**-**	**5,331**	**51,177**	**-**	**-**	**-**	**-**	**16**	**830**
Grays Ferry Cogen (PA)	-	5,331	51,177	-	-	-	-	16	830
Great Northern Paper Inc	**-**	**13,860**	**-**	**43,044**	**-**	**9,971**	**-**	**77**	**-**
East Millinocket (ME)	-	2,729	-	-	-	6,220	-	19	-
Great Northern Paper (ME)	-	-	-	43,044	-	-	-	-	-
Millinocket (ME)	-	11,131	-	-	-	3,751	-	58	-
Greenville Steam Co	**-**	**-**	**-**	**-**	**-**	**11,659**	**-**	**-**	**-**
Greenville Steam Co (ME)	-	-	-	-	-	11,659	-	-	-
Gregory Power Partners LP	**-**	**-**	**271,462**	**-**	**-**	**-**	**-**	**-**	**2,772**
Gregory (TX)	-	-	271,462	-	-	-	-	-	2,772
Griffith Energy LLC	**-**	**-**	**121,011**	**-**	**-**	**-**	**-**	**-**	**870**
Griffith Energy (AZ)	-	-	121,011	-	-	-	-	-	870
GTE Alaska Inc	**-**	**-**	**8,943**	**-**	**-**	**-**	**-**	**-**	**84**
Hanford Energy Park Peaker (CA)	-	-	4,499	-	-	-	-	-	43
Henrietta Peaker (CA)	-	-	4,444	-	-	-	-	-	41
Guadalupe Power Partners LP	**-**	**-**	**167,994**	**-**	**-**	**-**	**-**	**-**	**1,230**
Guadalupe (TX)	-	-	167,994	-	-	-	-	-	1,230
Gulf States Paper Corp	**1,687**	**61**	**1,075**	**-**	**-**	**9,533**	**4**	**1**	**73**
Gulf States Paper Corp (AL)	1,687	61	1,075	-	-	9,533	4	1	73
GWF Power Systems LP	**-**	**23,940**	**126**	**-**	**-**	**-**	**-**	**9**	**1**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
East Third Street (CA)	-	9,828	126	-	-	-	-	4	1
Loveridge Road (CA)	-	14,112	-	-	-	-	-	6	-
Hamakua Energy Partners LP	**-**	**30,529**	**7,700**	**-**	**-**	**-**	**-**	**65**	**-**
Hamakua Energy (HI)	-	30,529	7,700	-	-	-	-	65	-
Handsome Lake Energy LLC	**-**	**-**	**66**	**-**	**-**	**-**	**-**	**-**	**1**
Handsome Lake Energy (PA)	-	-	66	-	-	-	-	-	1
Harbor Cogeneration Co	**-**	**-**	**3,744**	**-**	**-**	**-**	**-**	**-**	**39**
Harbor Cogen (CA)	-	-	3,744	-	-	-	-	-	39
Hardee Power Partners Ltd	**-**	**14**	**64,105**	**-**	**-**	**-**	**-**	*****	**584**
Hardee (FL)	-	14	64,105	-	-	-	-	*	584
Hartwell Energy Ltd Partners	**-**	**7**	**1,297**	**-**	**-**	**-**	**-**	*****	**16**
Hartwell Energy LP (GA)	-	7	1,297	-	-	-	-	*	16
Hawaiian Coml & Sugar Co Ltd	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Paia (HI)	-	-	-	-	-	-	-	-	-
Hawkins H S	**-**	**-**	**-**	**-**	**-**	**10,901**	**-**	**-**	**-**
Hawkeye Power Partners LLC (IA)	-	-	-	-	-	10,901	-	-	-
Hays Energy LP	**-**	**-**	**181,383**	**-**	**-**	**-**	**-**	**-**	**1,335**
Hays (TX)	-	-	181,383	-	-	-	-	-	1,335
Heard County Power LLC	**-**	**-**	**680**	**-**	**-**	**-**	**-**	**-**	**8**
Calcasieu (LA)	-	-	-	-	-	-	-	-	-
Heard County Power LLC (GA)	-	-	680	-	-	-	-	-	8
Heber Geothermal Co	**-**	**-**	**-**	**-**	**-**	**27,610**	**-**	**-**	**-**
Heber Geothermal Co (CA)	-	-	-	-	-	27,610	-	-	-
Hemphill Power & Light Co	**-**	**-**	**-**	**-**	**-**	**10,390**	**-**	**-**	**-**
Hemphill Power&Light Co (NH)	-	-	-	-	-	10,390	-	-	-
Hercules Inc	**7,100**	**959**	**849**	**-**	**-**	**3**	**10**	**2**	**-**
Green Tree Chemical Technologi (NJ)	-	938	849	-	-	-	-	2	-
Missouri Chemical Works (MO)	7,100	21	-	-	-	3	10	*	-
Herold A C	**-**	**-**	**292,682**	**-**	**-**	**-**	**-**	**-**	**2,044**
Hermiston (OR)	-	-	292,682	-	-	-	-	-	2,044
Hidalgo Energy Center LP	**-**	**-**	**55,936**	**-**	**-**	**-**	**-**	**-**	**381**
Hidalgo Energy Center (TX)	-	-	55,936	-	-	-	-	-	381
High Sierra Ltd	**-**	**-**	**35,918**	**-**	**-**	**-**	**-**	**-**	**362**
High Sierra (CA)	-	-	35,918	-	-	-	-	-	362
Hillman Power Co	**-**	**-**	**72**	**-**	**-**	**12,528**	**-**	**-**	**1**
Hillman Power Co LLC (MI)	-	-	72	-	-	12,528	-	-	1
Hillsborough County	**-**	**-**	**23**	**-**	**-**	**-**	**-**	**-**	*****
Hillsborough County Resource R (FL)	-	-	23	-	-	-	-	-	*
HL Power Co	**-**	**-**	**3,024**	**-**	**-**	**14,793**	**-**	**-**	**46**
HL Power (CA)	-	-	3,024	-	-	14,793	-	-	46
Holland Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Holland Energy Facility (IL)	-	-	-	-	-	-	-	-	-
Hopewell Cogeneration Inc	**-**	**5,155**	**8,371**	**-**	**-**	**-**	**-**	**18**	**97**
Hopewell Cogen (VA)	-	5,155	8,371	-	-	-	-	18	97
Howden Wind Parks Inc	**-**	**-**	**-**	**-**	**-**	**306**	**-**	**-**	**-**
Howden Windpark I (CA)	-	-	-	-	-	306	-	-	-
Huntsman Corp	**-**	**-**	**42,222**	**-**	**-**	**-**	**-**	**-**	**527**
JCO Oxides Olefins (TX)	-	-	42,222	-	-	-	-	-	527

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Hydro Technology Systems Inc	**-**	**-**	**-**	**941**	**-**	**-**	**-**	**-**	**-**
Meyers Falls (WA)	-	-	-	941	-	-	-	-	-
Hydro-Op One Associates	**-**	**-**	**-**	**765**	**-**	**-**	**-**	**-**	**-**
Dayton Hydro (IL)	-	-	-	765	-	-	-	-	-
IBM Corp	**-**	**26**	**-**	**-**	**-**	**-**	**-**	*	**-**
IBM San Jose Standby (CA)	-	26	-	-	-	-	-	*	-
IMC Phosphates Co	**-**	**-**	**76,229**	**-**	**-**	**-**	**-**	**-**	**-**
New Wales (FL)	-	-	31,260	-	-	-	-	-	-
South Pierce (FL)	-	-	27,201	-	-	-	-	-	-
Uncle Sam (LA)	-	-	17,768	-	-	-	-	-	-
Indeck-Corinth Ltd Partnership	**-**	**-**	**97,566**	**-**	**-**	**-**	**-**	**-**	**765**
Indeck Corinth Energy Center (NY)	-	-	97,566	-	-	-	-	-	765
Indeck-Energy Serv Silver Sprg	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Silver Springs (NY)	-	-	-	-	-	-	-	-	-
Indeck-Ilion Ltd Partnership	**-**	**-**	**4,533**	**-**	**-**	**-**	**-**	**-**	**36**
NRG Ilion LP (NY)	-	-	4,533	-	-	-	-	-	36
Indeck-Maine Energy LLC	**-**	**-**	**-**	**-**	**-**	**13,101**	**-**	**-**	**-**
Indeck Jonesboro Energy Center (ME)	-	-	-	-	-	-	-	-	-
Indeck West Enfield (ME)	-	-	-	-	-	13,101	-	-	-
Indeck-Olean Ltd Partnership	**-**	**-**	**2,031**	**-**	**-**	**-**	**-**	**-**	**18**
Indeck Olean Energy Center (NY)	-	-	2,031	-	-	-	-	-	18
Indeck-Oswego Ltd Partnership	**-**	**-**	**864**	**-**	**-**	**-**	**-**	**-**	**8**
Indeck Oswego Energy Center (NY)	-	-	864	-	-	-	-	-	8
Indeck-Pepperell Power Assoc	**-**	**1,085**	**797**	**-**	**-**	**-**	**-**	**2**	**3**
Indeck Pepperell (MA)	-	1,085	797	-	-	-	-	2	3
Indeck-Yerkes Ltd Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Indeck Yerkes Energy Center (NY)	-	-	-	-	-	-	-	-	-
Independent Power Americas Inc	**-**	**-**	**72,647**	**-**	**-**	**-**	**-**	**-**	**7**
Manchief (TX)	-	-	72,647	-	-	-	-	-	7
Indiantown Cogeneration LP	**223,276**	**-**	**1,441**	**-**	**-**	**-**	**92**	**-**	**16**
Indiantown Cogen (FL)	223,276	-	1,441	-	-	-	92	-	16
Ingersoll Milling	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Ingersoll Milling Machine Co (IL)	-	-	-	-	-	-	-	-	-
Ingleside Cogeneration LP	**-**	**-**	**259,039**	**-**	**-**	**-**	**-**	**-**	**2,304**
Ingleside Cogen (TX)	-	-	259,039	-	-	-	-	-	2,304
Inland Container Corp	**-**	**-**	**1,697**	**-**	**-**	**29,466**	**-**	**-**	**545**
Inland Paperboard and Packagin (TX)	-	-	1,697	-	-	29,466	-	-	545
Inland Paperboard & Pack'g Inc	**8,411**	**5,645**	**49**	**-**	**-**	**18,018**	**17**	**48**	**3**
Rome Linerboard Mill (GA)	8,411	5,645	49	-	-	18,018	17	48	3
Inland Steel Co	**-**	**-**	**89**	**-**	**-**	**-**	**-**	**-**	**6,371**
2 AC Station (IN)	-	-	89	-	-	-	-	-	6,371
4 AC Station (IN)	-	-	-	-	-	-	-	-	-
Expander Turbine (IN)	-	-	-	-	-	-	-	-	-
Intercontinental Energy Corp	**-**	**-**	**436,666**	**-**	**-**	**-**	**-**	**-**	**3,465**
Bellingham Cogen (MA)	-	-	250,416	-	-	-	-	-	1,929
Sayreville Cogen (NJ)	-	-	186,250	-	-	-	-	-	1,537
International Paper Co	**14,546**	**10,861**	**10,239**	**-**	**-**	**74,844**	**22**	**59**	**433**
Georgetown Mill (SC)	6,924	3,038	413	-	-	39,108	12	20	16
Lock Haven Mill (PA)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Texarkana Mill (TX)	-	5,604	9,246	-	-	26,648	-	34	396
Thilmany Pulp Paper (WI)	7,622	2,219	580	-	-	9,088	11	4	21
International Paper Co-Padgett	**11,056**	**692**	**3,800**	**-**	**-**	**31,353**	**20**	**5**	**173**
Augusta Mill (GA)	11,056	692	3,800	-	-	31,353	20	5	173
International Turbine Res Inc	**-**	**-**	**-**	**-**	**-**	**794**	**-**	**-**	**-**
Dinosaur Point (CA)	-	-	-	-	-	794	-	-	-
IPC-Androscoggin Mill	**-**	**7,849**	**16,911**	**3,913**	**-**	**33,727**	**-**	**45**	**574**
Androscoggin Mill (ME)	-	7,849	16,911	-	-	33,727	-	45	574
Jay Hydro (ME)	-	-	-	800	-	-	-	-	-
Livermore Hydro (ME)	-	-	-	1,685	-	-	-	-	-
Riley Hydro (ME)	-	-	-	1,428	-	-	-	-	-
IPC-Camden	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Camden Mill (AR)	-	-		-	-	-	-	-	
IPC-Louis	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Louisiana Mill (LA)	-	-	-	-	-	-	-	-	-
IPC-Mansfield Mill	**1,313**	**2,064**	**15,120**	**-**	**-**	**42,066**	**2**	**12**	**202**
Mansfield Mill (LA)	1,313	2,064	15,120	-	-	42,066	2	12	202
IPC-Natchez	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Natchez Mill (MS)	-	-	-	-	-	-	-	-	-
IPC-Pine	**-**	**-**	**7,179**	**-**	**-**	**36,623**	**-**	**-**	**208**
IPC Pine Bluff Mill (AR)	-	-	3,755	-	-	29,999	-	-	31
Pineville Mill (LA)	-	-	3,424	-	-	6,624	-	-	177
IPC-Riverdale Road	**-**	**392**	**32,866**	**-**	**-**	**25,033**	**-**	**3**	**629**
Riverdale Mill (AL)	-	392	32,866	-	-	25,033	-	3	629
IPC-Ticonderoga	**-**	**1,349**	**-**	**-**	**-**	**25,755**	**-**	**7**	**-**
Ticonderoga Mill (NY)	-	1,349	-	-	-	25,755	-	7	-
IPC-Vicks	**-**	**-**	**3,788**	**-**	**-**	**11,276**	**-**	**-**	**169**
Vicksburg Mill (MS)	-	-	3,788	-	-	11,276	-	-	169
Islip Resource Recovery Agency	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Mac Arthur Waste to Energy (NY)	-	-	-	-	-	-	-	-	-
James River Corp	**5,647**	**3,023**	**2,332**	**-**	**-**	**41,020**	**9**	**19**	**89**
Naheola Mill (AL)	5,647	3,023	2,332	-	-	30,109	9	19	89
Old Town Division (ME)	-	-	-	-	-	-	-	-	-
St Francisville Mill (LA)	-	-	-	-	-	10,911	-	-	-
Jefferson Smurfit Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Jefferson Smurfit Corp (FL)	-	-	-	-	-	-	-	-	-
Jefferson Smurfit Corp-LA	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Smurfit Stone Container Corp (CA)	-	-		-	-	-	-	-	
John Deere Harvester Works Co	**666**	**-**	**-**	**-**	**-**	**-**	**3**	**-**	**-**
John Deere Harvester Works (IL)	666	-	-	-	-	-	3	-	-
Kaiser Aluminum&Chemical Corp	**-**	**-**	**21,749**	**-**	**-**	**-**	**-**	**-**	**560**
Kaiser Aluminum (LA)	-	-	21,749	-	-	-	-	-	560
Kalaeloa Partners LP	**-**	**91,232**	**30,268**	**-**	**-**	**-**	**-**	**175**	**-**
Kalaeola Cogen (HI)	-	91,232	30,268	-	-	-	-	175	-
Kenetech Windpower Inc	**-**	**-**	**-**	**-**	**-**	**534**	**-**	**-**	**-**
Altamont Pass Windplant (CA)	-	-	-	-	-	534	-	-	-
Kent County	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Kent County Waste to Energy (MI)	-	-	-	-	-	-	-	-	-
Kern Front Ltd	**-**	**-**	**35,687**	**-**	**-**	**-**	**-**	**-**	**353**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Kern Front (CA)	-	-	35,687	-	-	-	-	-	353
Kern River Cogeneration Co	**-**	**-**	**225,072**	**-**	**-**	**-**	**-**	**-**	**2,698**
Kern River Cogen (CA)	-	-	225,072	-	-	-	-	-	2,698
KES Chateaugay LP	**-**	**-**	**-**	**-**	**-**	**3,257**	**-**	**-**	**-**
Chateaugay (NY)	-	-	-	-	-	3,257	-	-	-
KeySpan-Ravenswood Inc	**-**	**60,649**	**65,293**	**-**	**-**	**-**	**-**	**104**	**694**
Ravenswood (NY)	-	60,649	65,293	-	-	-	-	104	694
KIAC Partners	**-**	**-**	**50,992**	**-**	**-**	**-**	**-**	**-**	**430**
Kennedy Intl Airport Cogen (NY)	-	-	50,992	-	-	-	-	-	430
Kimberly-Clark Corp	**18,709**	**12,082**	**1,223**	**-**	**-**	**319**	**23**	**9**	**21**
Chester Ops (PA)	18,709	12,082	1,223	-	-	319	23	9	21
Kinder Morgan Power Co	**-**	**-**	**4,893**	**-**	**-**	**-**	**-**	**-**	**38**
Jackson MI Facility (MI)	-	-	4,893	-	-	-	-	-	38
King County Dept-Natural Res	**-**	**-**	**-**	**-**	**-**	**1,401**	**-**	**-**	**-**
West Point Treatment Plant (WA)	-	-	-	-	-	1,401	-	-	-
Klamath Falls City of	**-**	**-**	**267,052**	**-**	**-**	**-**	**-**	**-**	**1,912**
Klamath Cogen (OR)	-	-	267,052	-	-	-	-	-	1,912
KN/Thermo LLC	**-**	**-**	**17,664**	**-**	**-**	**-**	**-**	**-**	**187**
Thermo Greeley Inc (CO)	-	-	17,664	-	-	-	-	-	187
Koch Petroleum Group LP	**-**	**-**	**24,032**	**-**	**-**	**-**	**-**	**13**	**303**
Koch Corpus Refinery (TX)	-	-	24,032	-	-	-	-	13	303
Koppers Industries Inc	**-**	**-**	**-**	**-**	**-**	**4,351**	**-**	**-**	**-**
Susquehanna (PA)	-	-	-	-	-	4,351	-	-	-
Lafarge Corp	**27,078**	**-**	**-**	**-**	**-**	**-**	**39**	**-**	**-**
LaFarge Corp Alpena (MI)	27,078	-	-	-	-	-	39	-	-
Lake Benton Power Partners LLC	**-**	**-**	**-**	**-**	**-**	**28,145**	**-**	**-**	**-**
Lake Benton I (MN)	-	-	-	-	-	28,145	-	-	-
Lake Cogen Ltd	**-**	**-**	**56,931**	**-**	**-**	**-**	**-**	**-**	**435**
Lake Cogen Ltd (FL)	-	-	56,931	-	-	-	-	-	435
Lake Road Generating Co LP	**-**	**-**	**212,998**	**-**	**-**	**-**	**-**	**-**	**1,481**
Lake Road (CT)	-	-	212,998	-	-	-	-	-	1,481
Lancaster County Solid WR Auth	**-**	**-**	**122**	**-**	**-**	**-**	**-**	**-**	**1**
Lancaster County Resource Reco (PA)	-	-	122	-	-	-	-	-	1
Landfill Generating Partners	**-**	**1**	**-**	**-**	**-**	**-**	**-**	*****	**-**
Orange County New York (NY)	-	1	-	-	-	-	-	*	-
Las Vegas Cogeneration	**-**	**-**	**19,173**	**-**	**-**	**-**	**-**	**-**	**145**
Las Vegas Cogen (NV)	-	-	19,173	-	-	-	-	-	145
Leathers LP	**-**	**-**	**-**	**-**	**-**	**29,993**	**-**	**-**	**-**
J M Leathers (CA)	-	-	-	-	-	29,993	-	-	-
Lee County Board-Commissioners	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Lee County Solid Waste Energy (FL)	-	-	-	-	-	-	-	-	-
L'Energia Ltd Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
UAE Lowell Power LLC (MA)	-	-	-	-	-	-	-	-	-
LG&E Westmoreland Rensselaer	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Rensselaer Cogen (NY)	-	-	-	-	-	-	-	-	-
Liberty Electric Power LLC	**-**	**-**	**56,239**	**-**	**-**	**-**	**-**	**-**	**445**
Liberty Electric Power LLC (PA)	-	-	56,239	-	-	-	-	-	445

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Little Rock Wastewater Utility	**-**	**-**	**53**	**-**	**-**	**439**	**-**	**-**	**3**
Fourche Creek Wastewater (AR)	-	-	53	-	-	439	-	-	3
Live Oak Ltd	**-**	**-**	**32,819**	**-**	**-**	**-**	**-**	**-**	**290**
Live Oak Cogen (CA)	-	-	32,819	-	-	-	-	-	290
Llano Estacado Wind LP	**-**	**-**	**-**	**-**	**-**	**22,516**	**-**	**-**	**-**
Llano Estacado Wind Ranch (TX)	-	-	-	-	-	22,516	-	-	-
Lockport Energy Associates LP	**-**	**102**	**121,064**	**-**	**-**	**-**	**-**	*	**1,069**
Lockport Cogen (NY)	-	102	121,064	-	-	-	-	*	1,069
Logan Generating Co LP	**107,483**	**658**	**-**	**-**	**-**	**-**	**45**	**1**	**-**
Logan (NJ)	107,483	658	-	-	-	-	45	1	-
Long Beach Generation LLC	**-**	**-**	**7,275**	**-**	**-**	**-**	**-**	**-**	**78**
Long Beach Generation LLC (CA)	-	-	7,275	-	-	-	-	-	78
Longview Fibre Co	**-**	**2,886**	**3,790**	**-**	**-**	**18,560**	**-**	**23**	**167**
Longview Fibre Co (WA)	-	2,886	3,790	-	-	18,560	-	23	167
Los Angeles County Sanitation	**-**	**-**	**3,723**	**-**	**-**	**9,501**	**-**	**-**	**40**
Commerce (CA)	-	-	490	-	-	-	-	-	10
Palos Verdes (CA)	-	-	1,239	-	-	-	-	-	30
Puente Hills (CA)	-	-	-	-	-	-	-	-	-
Spadra (CA)	-	-	-	-	-	-	-	-	-
Total Energy Facilities (CA)	-	-	1,994	-	-	9,501	-	-	-
Louisiana Generating LLC	**1,072,758**	**1,075**	**394**	**-**	**-**	**-**	**702**	**2**	**5**
Big Cajun 1 (LA)	-	-	394	-	-	-	-	-	5
Big Cajun 2 (LA)	1,072,758	1,075	-	-	-	-	702	2	-
Louisiana Pacific Samoa Inc	**-**	**-**	**-**	**-**	**-**	**9,220**	**-**	**-**	**-**
Pulp Mill Power House (CA)	-	-	-	-	-	9,220	-	-	-
LSP Energy Ltd Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Batesville (MS)	-	-		-	-	-	-	-	
LSP-Cottage Grove LP	**-**	**-**	**20,501**	**-**	**-**	**-**	**-**	**-**	**180**
Cogentrix LSP Cottage Grove (MN)	-	-	20,501	-	-	-	-	-	180
LSP-Whitewater LP	**-**	**-**	**45,665**	**-**	**-**	**-**	**-**	**-**	**361**
Whitewater Cogen (WI)	-	-	45,665	-	-	-	-	-	361
LTV Steel Co Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Cleveland (OH)	-	-	-	-	-	-	-	-	-
Indiana Harbor (IN)	-	-	-	-	-	-	-	-	
Luz Solar Partners Ltd III	**-**	**-**	**2,817**	**-**	**-**	**761**	**-**	**-**	**33**
SEGS III (CA)	-	-	2,817	-	-	761	-	-	33
Luz Solar Partners Ltd IV	**-**	**-**	**3,020**	**-**	**-**	**735**	**-**	**-**	**36**
SEGS IV (CA)	-	-	3,020	-	-	735	-	-	36
Luz Solar Partners Ltd IX	**-**	**-**	**832**	**-**	**-**	**78**	**-**	**-**	**11**
SEGS IX (CA)	-	-	832	-	-	78	-	-	11
Luz Solar Partners Ltd V	**-**	**-**	**2,026**	**-**	**-**	**658**	**-**	**-**	**24**
SEGS V (CA)	-	-	2,026	-	-	658	-	-	24
Luz Solar Partners Ltd VI	**-**	**-**	**2,150**	**-**	**-**	**1,029**	**-**	**-**	**26**
SEGS VI (CA)	-	-	2,150	-	-	1,029	-	-	26
Luz Solar Partners Ltd VII	**-**	**-**	**1,973**	**-**	**-**	**809**	**-**	**-**	**22**
SEGS VII (CA)	-	-	1,973	-	-	809	-	-	22
Luz Solar Partners Ltd VIII	**-**	**-**	**839**	**-**	**-**	**79**	**-**	**-**	**12**
SEGS VIII (CA)	-	-	839	-	-	79	-	-	12

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
MacMillan Bloedel Packaging	**269**	**1,360**	**7,831**	**-**	**-**	**28,620**	*	**8**	**255**
Pine Hill Op (AL)	269	1,360	7,831	-	-	28,620	*	8	255
Madison Generating Station LLC	**-**	**-**	**2,058**	**-**	**-**	**-**	**-**	**-**	**29**
Madison (OH)	-	-	2,058	-	-	-	-	-	29
Madison Paper Industries Inc	**-**	**1,680**	**-**	**5,866**	**-**	**-**	**-**	**21**	**-**
Anson Abenaki Hydros (ME)	-	1,680	-	5,866	-	-	-	21	-
Magee J W	**-**	**-**	**-**	**-**	**-**	**18,870**	**-**	**-**	**-**
Madison Windpower LLC (NY)	-	-	-	-	-	18,870	-	-	-
Maine Energy Recovery Co	**-**	**-**	**216**	**-**	**-**	**-**	**-**	**-**	**3**
Maine Energy Recovery Co (ME)	-	-	216	-	-	-	-	-	3
Mammoth Pacific LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Mammoth Pacific I (CA)	-	-	-	-	-		-	-	-
Mammoth Pacific II (CA)	-	-	-	-	-		-	-	-
Ples I (CA)	-	-	-	-	-		-	-	-
March Point Cogeneration Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
March Point Cogen (WA)	-	-	-	-	-	-	-	-	-
Martinez Refining Co	**-**	**-**	**71,855**	**-**	**-**	**-**	**-**	**-**	**686**
Martinez Refining (CA)	-	-	71,855	-	-	-	-	-	686
Maryland Dept-Pub Safety&Corr	**-**	**53**	**-**	**-**	**-**	**879**	**-**	*	**-**
Eastern Correctional Institute (MD)	-	53	-	-	-	879	-	*	-
Massachusetts Bay Trans Auth	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
M Street Jet (MA)	-		-	-	-	-	-		-
Massachusetts Water Res Auth	**-**	**535**	**-**	**387**	**-**	**2,198**	**-**	**3**	**-**
Deer Island (MA)	-	535	-	387	-	2,198	-	3	-
MASSPOWER	**-**	**2,219**	**178,975**	**-**	**-**	**-**	**-**	**5**	**1,492**
Masspower (MA)	-	2,219	178,975	-	-	-	-	5	1,492
McKittrick Ltd	**-**	**-**	**34,113**	**-**	**-**	**-**	**-**	**-**	**312**
McKittrick Cogen (CA)	-	-	34,113	-	-	-	-	-	312
Mead Coated Board Inc	**-**	**302**	**18,345**	**-**	**-**	**43,388**	**-**	**2**	**342**
Mead Coated Board Inc (AL)	-	302	18,345	-	-	43,388	-	2	342
Mead Corp	**20,460**	**2,781**	**1,519**	**15,000**	**-**	**88,393**	**25**	**27**	**93**
Mead Corp (ME)	-	2,658	1,519	-	-	-	-	26	93
Mead Paper Division (ME)	17,718	123	-	-	-	24,199	23	1	-
Rumford Cogen (ME)	2,742	-	-	-	-	64,194	2	-	-
Rumford Falls Power Co (ME)	-	-	-	15,000	-	-	-	-	-
Mead Paper Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Mead Paper (MI)	-	-	-	-	-	-	-	-	-
Mecklenberg Cogeneration LP	**69,784**	**252**	**-**	**-**	**-**	**-**	**33**	**1**	**-**
Mecklenburg Cogen (VA)	69,784	252	-	-	-	-	33	1	-
Medical Area Totl Engy Plt Inc	**-**	**13,727**	**13,600**	**-**	**-**	**-**	**-**	**27**	**327**
Medical Area Total Energy (MA)	-	13,727	13,600	-	-	-	-	27	327
Mendota Biomass Power Ltd	**-**	**-**	**-**	**-**	**-**	**12,281**	**-**	**-**	**-**
Mendota Biomass Power Ltd (CA)	-	-	-	-	-	12,281	-	-	-
Merchant Energy Partners	**-**	**-**	**12,364**	**-**	**-**	**-**	**-**	**-**	**87**
Aries (MO)	-	-	12,364	-	-	-	-	-	87
Merck & Co Inc	**-**	**38**	**4,972**	**-**	**-**	**209**	**-**	*	**256**
Merck Rahway (NJ)	-	38	4,972	-	-	209	-	*	256
Merck & Co Inc-West Point	**-**	**5,333**	**31,205**	**-**	**-**	**-**	**-**	*	**435**
West Point (PA)	-	5,333	31,205	-	-	-	-	*	435

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Merrimac Paper Co Inc	**-**	**792**	**-**	**-**	**-**	**-**	**-**	**4**	**-**
Merrimac Paper Co Inc (MA)	-	792	-	-	-	-	-	4	-
Metro Dade County	**-**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	*
Miami Dade County Resources (FL)	-	-	1	-	-	-	-	-	*
Metropolitan Wastewater Reclam	**-**	**-**	**-**	**-**	**-**	**2,469**	**-**	**-**	**-**
Metro Wastewater Reclamation (CO)	-	-	-	-	-	-	-	-	-
Trigen-Colorado Metro (CO)	-	-	-	-	-	2,469	-	-	-
Miami Dade Water & Sewer Auth	**-**	**-**	**-**	**-**	**-**	**2,153**	**-**	**-**	**-**
Central District Wastewater (FL)	-	-	-	-	-	1,624	-	-	-
South District Wastewater (FL)	-	-	-	-	-	529	-	-	-
Michigan Automotive Research	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Lotus Engineering Inc (MI)	-	-	-	-	-	-	-	-	-
Michigan Power Ltd Partnership	**-**	**-**	**91,511**	**-**	**-**	**-**	**-**	**-**	**852**
Michigan Power (MI)	-	-	91,511	-	-	-	-	-	852
Michigan State University	**17,215**	**-**	**1,082**	**-**	**-**	**-**	**20**	**-**	**31**
T B Simon (MI)	17,215	-	1,082	-	-	-	20	-	31
Mid-America Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
E J Stoneman Station (WI)	-	-	-	-	-	-	-	-	-
Mid-Continent Power Co Inc	**-**	**-**	**29,268**	**-**	**-**	**-**	**-**	**-**	**399**
Pryor (OK)	-	-	29,268	-	-	-	-	-	399
Middletown Power LLC	**-**	**2,236**	**37**	**-**	**-**	**-**	**-**	**43**	**4**
Middletown (CT)	-	2,236	37	-	-	-	-	43	4
Mid-Georgia CoGen LP	**-**	**-**	**10,163**	**-**	**-**	**-**	**-**	**-**	**84**
Mid Georgia Cogen (GA)	-	-	10,163	-	-	-	-	-	84
Midlothian Energy LP	**-**	**-**	**162,068**	**-**	**-**	**-**	**-**	**-**	**1,195**
Midlothian Energy Facility (TX)	-	-	162,068	-	-	-	-	-	1,195
Mid-States NGV Coalition	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Mill Run Windpower (PA)	-	-	-	-	-		-	-	-
Midway-Sunset Cogeneration Co	**-**	**-**	**165,814**	**-**	**-**	**-**	**-**	**-**	**1,747**
Midway Sunset Cogen (CA)	-	-	165,814	-	-	-	-	-	1,747
Midwest Generations EME LLC	**2,140,849**	**3,427**	**21,232**	**-**	**-**	**-**	**1,306**	**6**	**351**
Bloom (IL)	-	-	-	-	-	-	-	-	-
Calumet (IL)	-	-	95	-	-	-	-	-	2
Collins (IL)	-	-	-	-	-	-	-	-	85
Crawford (IL)	215,709	-	1,754	-	-	-	117	-	17
Electric Junction (IL)	-	-	5,348	-	-	-	-	-	96
Fisk Street (IL)	36,223	32	154	-	-	-	18	*	1
Joliet 29 (IL)	439,349	-	9,293	-	-	-	270	-	98
Joliet 9 (IL)	87,059	-	2,038	-	-	-	56	-	15
Lombard (IL)	-	-	-	-	-	-	-	-	-
Powerton (IL)	768,524	-	-	-	-	-	490	-	-
Sabrooke (IL)	-	-	1,868	-	-	-	-	-	30
Waukegan (IL)	228,011	285	682	-	-	-	141	1	7
Will County (IL)	365,974	3,110	-	-	-	-	215	5	-
Midwest Wind Developers	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Alta Iowa Storm Lake I (IA)	-	-	-	-	-		-	-	-
Milford Power Ltd Partnership	**-**	**-**	**32,026**	**-**	**-**	**-**	**-**	**-**	**257**
Milford Power LP (MA)	-	-	32,026	-	-	-	-	-	257
Millennium Power Partners LP	**-**	**-**	**227,100**	**-**	**-**	**-**	**-**	**-**	**1,600**
Millennium Power (MA)	-	-	227,100	-	-	-	-	-	1,600
Minnesota Mining & Mfg Co	**-**	**52**	**2,094**	**-**	**-**	**-**	**-**	*	**23**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
3M Central (TX)	-	52	2,094	-	-	-	-	*	23
Mirant Canal LLC	**-**	**590,122**	**147**	**-**	**-**	**-**	**-**	**907**	**1**
Canal (MA)	-	590,122	147	-	-	-	-	907	1
Oak Bluffs Diesel (MA)	-	-	-	-	-	-	-	-	-
West Tisbury (MA)	-	-	-	-	-	-	-	-	-
Mirant Chalk Point LLC	**427,313**	**148,282**	**28,891**	**-**	**-**	**-**	**166**	**238**	**325**
Chalk Point (MD)	427,313	148,282	28,891	-	-	-	166	238	325
Mirant Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bosque County Peaking (TX)	-	-		-	-	-	-	-	
Mirant Kendall LLC	**-**	**497**	**30,281**	**-**	**-**	**-**	**-**	*	**112**
Kendall Square (MA)	-	497	30,281	-	-	-	-	*	112
Mirant Mid-Atlantic LLC	**1,085,725**	**1,872**	**842**	**-**	**-**	**-**	**384**	**3**	**16**
Dickerson (MD)	242,731	1,740	842	-	-	-	94	3	16
Morgantown (MD)	842,994	132	-	-	-	-	291	*	-
Mirant Potomac River LLC	**215,053**	**903**	**-**	**-**	**-**	**-**	**85**	**2**	**-**
Potomac River (VA)	215,053	903	-	-	-	-	85	2	-
Mirant Sugar Creek LLC	**-**	**-**	**20,430**	**-**	**-**	**-**	**-**	**-**	**183**
Mirant Sugar Creek Power Plant (IN)	-	-	-446	-	-	-	-	-	-
Mirant Zeeland (MI)	-	-	20,876	-	-	-	-	-	183
Mobil Oil Corp-Beaumont	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Beaumont Refinery (TX)	-	-		-	-	-	-	-	
Mobil Oil Corp-Joliet	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Paulsboro Refinery (NJ)	-	-	-	-	-	-	-	-	-
Mobil Oil Corp-Torrance	**-**	**-**	**25,180**	**-**	**-**	**-**	**-**	**-**	**210**
Torrance Refinery (CA)	-	-	25,180	-	-	-	-	-	210
Mobile Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Hog Bayou Energy Center (AL)	-	-	-	-	-	-	-	-	-
Mobile Energy Service Holdings	**20,471**	**-**	**-**	**-**	**-**	**15,839**	**13**	**-**	**-**
Mobile Energy Services Co LLC (AL)	20,471	-	-	-	-	15,839	13	-	-
Mojave Cogeneration Co	**-**	**-**	**29,443**	**-**	**-**	**-**	**-**	**-**	**297**
Mojave Cogen Co (CA)	-	-	29,443	-	-	-	-	-	297
Monsanto Co	**-**	**1,175**	**29,200**	**-**	**-**	**-**	**-**	**8**	**3,939**
Pensacola Florida (FL)	-	1,175	29,200	-	-	-	-	8	3,939
Montenay Montgomery LP	**-**	**98**	**-**	**-**	**-**	**-**	**-**	*	**-**
Montenay Montgomery (PA)	-	98	-	-	-	-	-	*	-
Morgantown Energy Associates	**37,515**	**-**	**-**	**-**	**-**	**-**	**36**	**-**	**-**
Morgantown Energy (WV)	37,515	-	-	-	-	-	36	-	-
Morrill Worcester	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Worcester Energy Co Inc (ME)	-	-	-	-	-		-	-	-
Mosinee Paper Corp	**978**	**56**	**-**	**2,410**	**-**	**7,372**	**5**	**1**	**-**
Wausau Mosinee Paper Corp Pulp (WI)	978	56	-	2,410	-	7,372	5	1	-
Motiva Enterprises LLC	**-**	**-**	**58,097**	**-**	**-**	**-**	**-**	**-**	**1,301**
Port Arthur Refinery (TX)	-	-	58,097	-	-	-	-	-	1,301
Mountain Petroleum Corp	**-**	**-**	**-**	**-**	**-**	**5,804**	**-**	**-**	**-**
Mountain View I (CA)	-	-	-	-	-	5,804	-	-	-
Mountain Petroleum Ltd	**-**	**-**	**-**	**-**	**-**	**2,715**	**-**	**-**	**-**
Mountain View II (CA)	-	-	-	-	-	2,715	-	-	-
Mountainview Power Co Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Mountainview (CA)	-	-	-	-	-	-	-	-	-
MRWPCA	**-**	**-**	**327**	**-**	**-**	**456**	**-**	**-**	**4**
Monterey Regional Water Pollut (CA)	-	-	327	-	-	456	-	-	4
Mt Poso Cogeneration Co	**28,327**	**16,108**	**-**	**-**	**-**	**-**	**13**	**6**	*
Mt Poso Cogen (CA)	28,327	16,108	-	-	-	-	13	6	*
Multitrade-Pittsylvania Cnty	**-**	**-**	**-**	**-**	**-**	**35,701**	**-**	**-**	**-**
Multitrade of Pittsylvania Cou (VA)	-	-	-	-	-	35,701	-	-	-
MWRD:W/SW Facility	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Stickney Water Reclamation (IL)	-	-	-	-	-	-	-	-	-
Naniwa Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Tri-Center - Naniwa Energy (NV)	-	-	-	-	-	-	-	-	-
Nelson Industrial Steam Co	**-**	**121,185**	**1,090**	**-**	**-**	**-**	**-**	**47**	**12**
Nelson Industrial Steam Co (LA)	-	121,185	1,090	-	-	-	-	47	12
Nevada Cogeneration Assoc # 1	**-**	**-**	**63,259**	**-**	**-**	**-**	**-**	**-**	**539**
Garnet Valley (NV)	-	-	63,259	-	-	-	-	-	539
Nevada Cogeneration Assoc # 2	**-**	**-**	**63,146**	**-**	**-**	**-**	**-**	**-**	**550**
Black Mountain (NV)	-	-	63,146	-	-	-	-	-	550
Nevada Sun-Peak Ltd Partners	**-**	**-**	**2,175**	**-**	**-**	**-**	**-**	**-**	**25**
Nevada Sun Peak (NV)	-	-	2,175	-	-	-	-	-	25
New Albany Power I LLC	**-**	**-**	**498**	**-**	**-**	**-**	**-**	**-**	**6**
New Albany (MS)	-	-	498	-	-	-	-	-	6
New Century Energies	**-**	**-**	**7,968**	**-**	**-**	**-**	**-**	**-**	**81**
Arapahoe Combustion Turbine (CO)	-	-	7,968	-	-	-	-	-	81
New Hanover County	**-**	**-**	**53**	**-**	**-**	**-**	**-**	**-**	**2**
New Hanover County Wastec (NC)	-	-	53	-	-	-	-	-	2
New Martinsville City of	**-**	**-**	**-**	**24,291**	**-**	**-**	**-**	**-**	**-**
New Martinsville Hydro (WV)	-	-	-	24,291	-	-	-	-	-
New Mexico LP Gas Assn	**-**	**58**	**1,672**	**-**	**-**	**14,028**	**-**	**1**	**86**
Okeelanta Cogen (FL)	-	58	1,672	-	-	14,028	-	1	86
New World Power Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Big Spring Wind Power (TX)	-	-	-	-	-		-	-	-
Newark Bay Cogen Partners LP	**-**	**-**	**1,953**	**-**	**-**	**-**	**-**	**-**	**157**
Newark Bay Cogen (NJ)	-	-	1,953	-	-	-	-	-	157
Newman & Co Inc	**-**	**704**	**7**	**-**	**-**	**-**	**-**	**6**	*
Newman Co Inc (PA)	-	704	7	-	-	-	-	6	*
NGE Eneterprises Inc	**-**	**860**	**19,157**	**-**	**-**	**-**	**-**	**2**	**166**
South Glens Falls Energy LLC (NY)	-	860	19,157	-	-	-	-	2	166
Nissequoque Cogen Partners	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Stony Brook Cogen (NY)	-	-	-	-	-	-	-	-	-
Norcon Power Partners LP	**-**	**-**	**1,854**	**-**	**-**	**-**	**-**	**-**	**19**
North East Cogen (PA)	-	-	1,854	-	-	-	-	-	19
North American Power Group	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Ultrapower 3 Blue Lake (CA)	-	-	-	-	-	-	-	-	-
Northampton Generating Co LP	**46,089**	**22,781**	**218**	**-**	**-**	**2,885**	**41**	**10**	**1**
Northhampton Generating Co LP (PA)	46,089	22,781	218	-	-	2,885	41	10	1
Northbrook Carolina Hydro LLC	**-**	**-**	**-**	**4,453**	**-**	**-**	**-**	**-**	**-**
Boyds Mill Hydro (SC)	-	-	-	510	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Hollidays Bridge Hydro (SC)	-	-	-	1,594	-	-	-	-	-
Saluda (SC)	-	-	-	836	-	-	-	-	-
Turner Shoals (NC)	-	-	-	1,513	-	-	-	-	-
Northeast Empire LP #1	**-**	**-**	**-**	**-**	**-**	**22,629**	**-**	**-**	**-**
Beaver Livermore Falls (ME)	-	-	-	-	-	22,629	-	-	-
Northeast Empire LP #2	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Beaver Ashland (ME)	-	-	-	-	-	-	-	-	-
Northeast Generation Serv Co	**-**	**13**	**-**	**24,004**	**-**	**-**	**-**	*	**-**
Bantam (CT)	-	-	-	64	-	-	-	-	-
Bulls Bridge (CT)	-	-	-	4,052	-	-	-	-	-
Cabot (MA)	-	-	-	20,406	-	-	-	-	-
Cobble Mt (MA)	-	-	-	875	-	-	-	-	-
Fls Village (CT)	-	-	-	5,114	-	-	-	-	-
Northfield Mountain (MA)	-	-	-	-48,560	-	-	-	-	-
Robertsvle (CT)	-	-	-	101	-	-	-	-	-
Rocky River (CT)	-	-	-	7,221	-	-	-	-	-
Scotland Dam (CT)	-	-	-	944	-	-	-	-	-
Shepaug (CT)	-	-	-	16,725	-	-	-	-	-
South Meadow (CT)	-	11	-	-	-	-	-	*	-
Stevenson (CT)	-	-	-	12,907	-	-	-	-	-
Taftville (CT)	-	-	-	755	-	-	-	-	-
Tunnel (CT)	-	2	-	1,085	-	-	-	*	-
Turners Fl (MA)	-	-	-	2,315	-	-	-	-	-
Northeast Maryland W D Auth	**-**	**-**	**119**	**-**	**-**	**-**	**-**	**-**	**2**
Montgomery County (MD)	-	-	119	-	-	-	-	-	2
Northeastern Power Co	**31,489**	**658**	**-**	**-**	**-**	**238**	**47**	**2**	**-**
Kline Township Cogen (PA)	31,489	658	-	-	-	238	47	2	-
Northern Alternative Energy	**-**	**-**	**-**	**-**	**-**	**10,504**	**-**	**-**	**-**
Agassiz Beach LLC (MN)	-	-	-	-	-	556	-	-	-
Autumn Hills (MN)	-	-	-	-	-	596	-	-	-
Florence Hills (MN)	-	-	-	-	-	711	-	-	-
Hadley Ridge LLC (MN)	-	-	-	-	-	705	-	-	-
Hope Creek LLC (MN)	-	-	-	-	-	691	-	-	-
Jack River LLC (MN)	-	-	-	-	-	573	-	-	-
Jessica Mills LLC (MN)	-	-	-	-	-	597	-	-	-
Julia Hills LLC (MN)	-	-	-	-	-	600	-	-	-
Ruthton Ridge LLC (MN)	-	-	-	-	-	767	-	-	-
Soliloquoy Ridge LLC (MN)	-	-	-	-	-	704	-	-	-
Spartan Hills LLC (MN)	-	-	-	-	-	717	-	-	-
Sun River LLC (MN)	-	-	-	-	-	627	-	-	-
Tsar Nicholas LLC (MN)	-	-	-	-	-	621	-	-	-
Twin Lake Hills (MN)	-	-	-	-	-	713	-	-	-
Wilmont Hill (MN)	-	-	-	-	-	554	-	-	-
Winter Spawn (MN)	-	-	-	-	-	772	-	-	-
Northern Electric Power Co LP	**-**	**-**	**-**	**19,236**	**-**	**-**	**-**	**-**	**-**
Hudson Falls Hydro (NY)	-	-	-	19,236	-	-	-	-	-
Northern Intrastate P/L Co	**-**	**-**	**-**	**-**	**-**	**10,041**	**-**	**-**	**-**
Top of Iowa Windfarm (IA)	-	-	-	-	-	10,041	-	-	-
Northern Sun/ADM-Enderlin K80	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Enderlin (ND)	-	-	-	-	-		-	-	-
Northlake Energy	**-**	**-**	**26,878**	**-**	**-**	**-**	**-**	**-**	**7,036**
5 AC Station (IN)	-	-	26,878	-	-	-	-	-	7,036
Northwind Energy Inc	**-**	**-**	**-**	**-**	**-**	**582**	**-**	**-**	**-**
Northwind Energy Inc (CA)	-	-	-	-	-	582	-	-	-
Norwalk Harbor Power LLC	**-**	**10,961**	**-**	**-**	**-**	**-**	**-**	**25**	**-**
Norwalk Harbor (CT)	-	10,961	-	-	-	-	-	25	-
Nose Rock Inc	**-**	**-**	**-**	**-**	**-**	**2,383**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Klondike Wind Farm (OR)	-	-	-	-	-	2,383	-	-	-
Novactis Pharmacueticals Corp	**-**	**-**	**1,676**	**-**	**-**	**-**	**-**	**-**	**28**
Summit Property Pharmaceutical (NJ)	-	-	1,676	-	-	-	-	-	28
NRG Energy Arthur Kill	**79,674**	**-**	**-**	**-**	**-**	**-**	**32**	**-**	**-**
Somerset (MA)	79,674	-	-	-	-	-	32	-	-
NRG Generating Newark	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Calpine Newark Inc (NJ)	-	-	-	-	-	-	-	-	-
NRG Huntley Operations Inc	**320,166**	**760**	**-**	**-**	**-**	**-**	**133**	**1**	**-**
C R Huntley (NY)	320,166	760	-	-	-	-	133	1	-
NRG Huntley Power LLC	**348,758**	**522**	**-**	**-**	**-**	**-**	**134**	**1**	**-**
Dunkirk (NY)	348,758	522	-	-	-	-	134	1	-
NRG Montville Operations Inc	**-**	**9,631**	**13**	**-**	**-**	**-**	**-**	**20**	*****
Montville (CT)	-	9,631	13	-	-	-	-	20	*
NRG South Central Generatg LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
NRG Sterlington Power LLC (LA)	-	-	-	-	-	-	-	-	-
NUI Corp	**-**	**-**	**-**	**-**	**-**	**11,088**	**-**	**-**	**-**
NWP Indian Mesa Wind Farm (TX)	-	-	-	-	-	11,088	-	-	-
O & R Development Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Audrain Generating Station (MO)	-	-	-	-	-	-	-	-	-
Oak Creek Energy System Inc II	**-**	**-**	**-**	**-**	**-**	**4,396**	**-**	**-**	**-**
Oak Creek Energy Systems Inc (CA)	-	-	-	-	-	4,396	-	-	-
O'Brien Biogas IV LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
O Brien Biogas IV LLC (NJ)	-	-	-	-	-	-	-	-	-
Occidental Chemical Corp	**-**	**-**	**140,424**	**-**	**-**	**-**	**-**	**-**	**1,408**
Deer Park (TX)	-	-	-	-	-	-	-	-	-
Houston Chemical Complex Battl (TX)	-	-	140,424	-	-	-	-	-	1,408
Ocean County Utilities Auth	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bayville Central Facility (NJ)	-	-	-	-	-	-	-	-	-
Ocean State Power Co	**-**	**-**	**99,469**	**-**	**-**	**-**	**-**	**-**	**875**
Ocean State (RI)	-	-	99,469	-	-	-	-	-	875
Ocean State Power II	**-**	**-**	**90,069**	**-**	**-**	**-**	**-**	**-**	**799**
Ocean State II (RI)	-	-	90,069	-	-	-	-	-	799
Odessa-Ector Power Partners LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Odessa-Ector Generating (TX)	-	-		-	-	-	-	-	
Odgen Projects Inc-Hall	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**27**
Walter B Hall Resource (OK)	-	-	-	-	-	-	-	-	27
Odom Oil Co	**-**	**-**	**378**	**-**	**-**	**-**	**-**	**-**	**4**
Elk Hills Cogen (CA)	-	-	378	-	-	-	-	-	4
Ogden Energy Group Inc-Stanisl	**-**	**44**	**-**	**-**	**-**	**-**	**-**	*****	**-**
Hennepin (MN)	-	-	-	-	-	-	-	-	-
I 95 Energy Resource Recovery (VA)	-	-	-	-	-	-	-	-	-
Stanislaus Resource Recovery (CA)	-	44	-	-	-	-	-	*	-
Ogden Energy Group Inc-Warren	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Warren Energy Resource Co (NJ)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Babylon	**-**	**26**	**-**	**-**	**-**	**-**	**-**	*****	**-**
Babylon (NY)	-	26	-	-	-	-	-	*	-
Ogden Projects Inc-Bristol	**-**	**-**	**55**	**-**	**-**	**-**	**-**	**-**	**1**
Bristol (CT)	-	-	55	-	-	-	-	-	1

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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-Haverhill	-	-	-	-	-	-	-	-	-
Covanta Haverhill Inc (MA)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Huntington	-	-	-	-	-	-	-	-	-
Huntington Resource Recovery (NY)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Lake County	-	-	-	-	-	-	-	-	-
Lake County (FL)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Marion	-	-	-	-	-	-	-	-	-
Marion (OR)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Onondaga	-	-	-	-	-	-	-	-	-
Onondaga County (NY)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Wallingford	-	**150**	-	-	-	-	-	**1**	-
Wallingford Resource Recovery (CT)	-	150	-	-	-	-	-	1	-
Oildale Energy LLC	-	-	**28,654**	-	-	-	-	-	**278**
Oildale Cogen (CA)	-	-	28,654	-	-	-	-	-	278
Oklahoma State University	-	-	**1,018**	-	-	-	-	-	**75**
Oklahoma State University (OK)	-	-	1,018	-	-	-	-	-	75
Oleander Power Project LP	-	**302**	**11,978**	-	-	-	-	**1**	**121**
Oleander Power Project LP (FL)	-	302	11,978	-	-	-	-	1	121
Omaha City of	-	-	**150**	-	-	**1,218**	-	-	**2**
Missouri River Wastewater (NE)	-	-	27	-	-	668	-	-	*
Papillion Creek Wastewater (NE)	-	-	123	-	-	550	-	-	2
Oneida County Industl Dev Agcy	-	**1**	**449**	-	-	-	-	*	**4**
Sterling Energy (NY)	-	1	449	-	-	-	-	*	4
Oneok Power Marketing Co	-	-	-	-	-	-	-	-	-
Spring Creek Power Plant (OK)	-	-	-	-	-	-	-	-	-
Orange Cogeneration LP	-	-	**46,464**	-	-	-	-	-	**328**
Orange Cogen (FL)	-	-	46,464	-	-	-	-	-	328
Orion Power Holdings Inc	**1,108,692**	**2,220**	**1,744**	-	-	-	**471**	**5**	**19**
Avon Lake (OH)	332,085	1,410	-	-	-	-	137	3	-
Brunot Island (PA)	-	417	354	-	-	-	-	1	6
Cheswick (PA)	312,338	-	1,390	-	-	-	121	-	13
Elrama (PA)	191,747	337	-	-	-	-	86	1	-
New Castle (PA)	156,430	70	-	-	-	-	74	*	-
Niles (OH)	116,092	-14	-	-	-	-	53	*	-
Orion Power MidWest LP	-	-	-	-	-	-	-	-	-
Ceredo (WV)	-	-		-	-	-	-	-	
Orion Power New York	-	**4,994**	**336**	**264,550**	-	-	-	**15**	**5**
Allens Falls (NY)	-	-	-	1,935	-	-	-	-	-
Astoria (NY)	-	-	-	-	-	-	-	-	-
Beardslee (NY)	-	-	-	3,277	-	-	-	-	-
Beebee Island (NY)	-	-	-	4,634	-	-	-	-	-
Belfort (NY)	-	-	-	892	-	-	-	-	-
Bennetts Bridge (NY)	-	-	-	9,564	-	-	-	-	-
Black River (NY)	-	-	-	4,304	-	-	-	-	-
Blake (NY)	-	-	-	3,663	-	-	-	-	-
Browns Falls (NY)	-	-	-	5,140	-	-	-	-	-
Chasm (NY)	-	-	-	1,719	-	-	-	-	-
Colton (NY)	-	-	-	15,157	-	-	-	-	-
Deferiet (NY)	-	-	-	6,311	-	-	-	-	-
Eagle (NY)	-	-	-	2,753	-	-	-	-	-
East Norfolk (NY)	-	-	-	1,255	-	-	-	-	-
Eel Weir (NY)	-	-	-	1,042	-	-	-	-	-
Effley (NY)	-	-	-	1,251	-	-	-	-	-
EJ West (NY)	-	-	-	7,100	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Elmer (NY)	-	-	-	788	-	-	-	-	-
Ephratah (NY)	-	-	-	1,382	-	-	-	-	-
Feeder Dam (NY)	-	-	-	3,054	-	-	-	-	-
Five Falls (NY)	-	-	-	5,045	-	-	-	-	-
Flat Rock (NY)	-	-	-	1,471	-	-	-	-	-
Franklin (NY)	-	-	-	778	-	-	-	-	-
Fulton (NY)	-	-	-	634	-	-	-	-	-
Glenwood (NY)	-	-	-	185	-	-	-	-	-
Gowanus Gas Turbines (NY)	-	329	1	-	-	-	-	1	*
Granby (NY)	-	-	-	6,771	-	-	-	-	-
Hannawa (NY)	-	-	-	4,001	-	-	-	-	-
Herrings (NY)	-	-	-	2,078	-	-	-	-	-
Heuvelton (NY)	-	-	-	560	-	-	-	-	-
High Falls (NY)	-	-	-	2,561	-	-	-	-	-
Higley (NY)	-	-	-	2,016	-	-	-	-	-
Hydraulic Race (NY)	-	-	-	-	-	-	-	-	-
Inghams (NY)	-	-	-	2,490	-	-	-	-	-
Johnsonville (NY)	-	-	-	1,260	-	-	-	-	-
Kamargo (NY)	-	-	-	3,040	-	-	-	-	-
Lighthouse Hill (NY)	-	-	-	-	-	-	-	-	-
Macomb (NY)	-	-	-	512	-	-	-	-	-
Minetto (NY)	-	-	-	5,238	-	-	-	-	-
Moshier (NY)	-	-	-	4,525	-	-	-	-	-
Narrows Gas Turbines (NY)	-	4,665	335	-	-	-	-	14	5
Norfolk (NY)	-	-	-	1,466	-	-	-	-	-
Norwood (NY)	-	-	-	846	-	-	-	-	-
Oswego Falls East (NY)	-	-	-	4,674	-	-	-	-	-
Oswego Falls West (NY)	-	-	-	-	-	-	-	-	-
Parishville (NY)	-	-	-	769	-	-	-	-	-
Piercefield (NY)	-	-	-	1,450	-	-	-	-	-
Prospect (NY)	-	-	-	6,227	-	-	-	-	-
Rainbow Falls (NY)	-	-	-	5,818	-	-	-	-	-
Raymondville (NY)	-	-	-	765	-	-	-	-	-
Schaghticoke (NY)	-	-	-	8,802	-	-	-	-	-
School Street (NY)	-	-	-	22,628	-	-	-	-	-
Schuylerville (NY)	-	-	-	1,040	-	-	-	-	-
Sewalls (NY)	-	-	-	1,541	-	-	-	-	-
Sherman Island (NY)	-	-	-	16,813	-	-	-	-	-
Soft Maple (NY)	-	-	-	2,858	-	-	-	-	-
South Colton (NY)	-	-	-	4,849	-	-	-	-	-
South Edwards (NY)	-	-	-	2,764	-	-	-	-	-
Spier Falls (NY)	-	-	-	21,632	-	-	-	-	-
Stark (NY)	-	-	-	5,439	-	-	-	-	-
Stewarts Bridge (NY)	-	-	-	16,258	-	-	-	-	-
Sugar Island (NY)	-	-	-	715	-	-	-	-	-
Talcville (NY)	-	-	-	34	-	-	-	-	-
Taylorville (NY)	-	-	-	1,817	-	-	-	-	-
Trenton Falls (NY)	-	-	-	12,207	-	-	-	-	-
Varick (NY)	-	-	-	4,011	-	-	-	-	-
Waterport (NY)	-	-	-	407	-	-	-	-	-
Yaleville (NY)	-	-	-	334	-	-	-	-	-
Orlando CoGen Ltd LP	**-**	**-**	**77,385**	**-**	**-**	**-**	**-**	**-**	**610**
Orlando Cogen (FL)	-	-	77,385	-	-	-	-	-	610
Ormesa Geothermal	**-**	**-**	**-**	**-**	**-**	**12,014**	**-**	**-**	**-**
Ormesa I (CA)	-	-	-	-	-	12,014	-	-	-
Ormesa Geothermal 1H Trust	**-**	**-**	**-**	**-**	**-**	**6,595**	**-**	**-**	**-**
Ormesa 1H (CA)	-	-	-	-	-	6,595	-	-	-
Ormesa Geothermal II	**-**	**-**	**-**	**-**	**-**	**10,979**	**-**	**-**	**-**
Ormesa Geothermal II (CA)	-	-	-	-	-	10,979	-	-	-
Oswego Harbor Power LLC	**-**	**-**	**-2,944**	**-**	**-**	**-**	**-**	**-**	**48**
Oswego Harbor (NY)	-	-	-2,944	-	-	-	-	-	48
Oxbow Geothermal Corp.	**-**	**-**	**-**	**-**	**-**	**42,369**	**-**	**-**	**-**
Dixie Valley (NV)	-	-	-	-	-	42,369	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Oxbow Power of Beowawe	**-**	**-**	**-**	**-**	**-**	**9,017**	**-**	**-**	**-**
Beowawe (NV)	-	-	-	-	-	9,017	-	-	-
Oxbow Power-N Tonawanda NY Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Oxbow Power of North Tonawanda (NY)	-	-		-	-	-	-	-	
Oxnard City of	**-**	**-**	**135**	**-**	**-**	**488**	**-**	**-**	**2**
Oxnard Wastewater Treatment (CA)	-	-	135	-	-	488	-	-	2
Oyster Creek Ltd	**-**	**-**	**236,065**	**-**	**-**	**-**	**-**	**-**	**2,425**
Oyster Creek Unit VIII (TX)	-	-	236,065	-	-	-	-	-	2,425
P H Glatfelter Co	**26,190**	**517**	**-**	**-**	**-**	**25,973**	**27**	**2**	**-**
P H Glatfelter Co (PA)	26,190	517	-	-	-	25,973	27	2	-
Pacific Lumber Co	**-**	**-**	**-**	**-**	**-**	**16,124**	**-**	**-**	**-**
The Pacific Lumber Co (CA)	-	-	-	-	-	16,124	-	-	-
Pacific Ultrapower Chinese	**-**	**-**	**-**	**-**	**-**	**37,026**	**-**	**-**	**-**
Burney Mountain (CA)	-	-	-	-	-	7,678	-	-	-
Mt Lassen (CA)	-	-	-	-	-	7,216	-	-	-
Pacific Oroville Power Inc (CA)	-	-	-	-	-	12,253	-	-	-
Ultrapower Chinese Station (CA)	-	-	-	-	-	9,879	-	-	-
Pacific West I	**-**	**-**	**-**	**-**	**-**	**281**	**-**	**-**	**-**
Pacific West (CA)	-	-	-	-	-	281	-	-	-
PacifiCorp Power Marketing Inc	**-**	**-**	**153**	**-**	**-**	**-**	**-**	**-**	**2**
Jackson (OR)	-	-	153	-	-	-	-	-	2
Palmer Hydroelectric	**-**	**-**	**-**	**29,104**	**-**	**-**	**-**	**-**	**-**
Curtis Palmer Hydroelectric (NY)	-	-	-	29,104	-	-	-	-	-
Panda Energy International Inc	**-**	**-**	**386,295**	**-**	**-**	**-**	**-**	**-**	**2,686**
Lamar (TX)	-	-	386,295	-	-	-	-	-	2,686
Panda-Brandywine LP	**-**	**-**	**64,860**	**-**	**-**	**-**	**-**	**-**	**480**
Panda Brandywine LP (MD)	-	-	64,860	-	-	-	-	-	480
Panda-Rosemary LP	**-**	**6,030**	**4,456**	**-**	**-**	**-**	**-**	**15**	**8**
Panda Rosemary LP (NC)	-	6,030	4,456	-	-	-	-	15	8
Panther Creek Partners	**54,590**	**168**	**-**	**-**	**-**	**-**	**49**	*****	**-**
Panther Creek (PA)	54,590	168	-	-	-	-	49	*	-
Parkedale Pharmaceuticals Inc	**-**	**-**	**2,060**	**-**	**-**	**-**	**-**	**-**	**30**
Parkedale Pharmaceuticals Inc (MI)	-	-	2,060	-	-	-	-	-	30
Pasadena Cogeneration LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pasadena Cogen (TX)	-	-		-	-	-	-	-	
Pasco Cogen Ltd	**-**	**-**	**52,090**	**-**	**-**	**-**	**-**	**-**	**416**
Pasco Cogen Ltd (FL)	-	-	52,090	-	-	-	-	-	416
Pasco County	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pasco County Solid Waste Resou (FL)	-	-	-	-	-	-	-	-	-
Pawtucket Power Associates LP	**-**	**399**	**-**	**-**	**-**	**-**	**-**	**1**	**-**
Pawtucket Power Assoc (RI)	-	399	-	-	-	-	-	1	-
PCS Phosphate	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
PCS Phosphate Co Inc Texasgulf (NC)	-	-	-	-	-	-	-	-	-
Pedersen Fleming L	**-**	**-**	**-**	**-**	**-**	**12,623**	**-**	**-**	**-**
Woodward Mountain I (TX)	-	-	-	-	-	12,623	-	-	-
Pedricktown Cogeneration LP	**-**	**2,772**	**7,694**	**-**	**-**	**-**	**-**	**6**	**59**
Pedricktown Cogen (NJ)	-	2,772	7,694	-	-	-	-	6	59
Peel Glenn W	**-**	**-**	**-**	**-**	**-**	**12,288**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Woodward Mountain II (TX)	-	-	-	-	-	12,288	-	-	-
PEI Power Corp	**-**	**-**	**397**	**-**	**-**	**-**	**-**	**-**	**7**
Archbald (PA)	-	-	397	-	-	-	-	-	7
Pekin Paperboard Co LP	**-**	**-**	**630**	**-**	**-**	**-**	**-**	**-**	**24**
Pekin Paperboard Co (IL)	-	-	630	-	-	-	-	-	24
Penobscot Energy Recovery Co	**-**	**246**	**-**	**-**	**-**	**-**	**-**	**1**	**-**
Penobscot (ME)	-	246	-	-	-	-	-	1	-
Penobscot Hydro LLC	**-**	**-**	**-**	**16,830**	**-**	**-**	**-**	**-**	**-**
Ellsworth Hydro (ME)	-	-	-	3,993	-	-	-	-	-
Howland Hydro (ME)	-	-	-	926	-	-	-	-	-
Medway Hydro (ME)	-	-	-	2,129	-	-	-	-	-
Milford Hydro (ME)	-	-	-	4,443	-	-	-	-	-
Stillwater Hydro (ME)	-	-	-	1,033	-	-	-	-	-
Veazie Hydro (ME)	-	-	-	4,306	-	-	-	-	-
Perryville Energy Partners	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Perryville (LA)	-	-	-	-	-	-	-	-	-
Phelps Dodge Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Chino Mines Co (NM)	-	-	-	-	-	-	-	-	-
Phelps Dodge Cobre Mining Co (NM)	-	-	-	-	-	-	-	-	-
Phelps Dodge Tyrone Inc (NM)	-	-	-	-	-	-	-	-	-
Phillips A C	**-**	**-**	**47,602**	**-**	**-**	**-**	**-**	**-**	**598**
Central Production Facility 1 (AK)	-	-	25,606	-	-	-	-	-	297
Central Production Facility 2 (AK)	-	-	8,940	-	-	-	-	-	127
Central Production Facility 3 (AK)	-	-	13,056	-	-	-	-	-	174
Pierce & Petersen	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pierce (WA)	-	-	-	-	-	-	-	-	-
Pilgrim Nuclear Power Station	**-**	**-**	**-**	**-**	**491,128**	**-**	**-**	**-**	**-**
Pilgrim Nuclear (MA)	-	-	-	-	491,128	-	-	-	-
PIMA County Wastewater Manage	**-**	**-**	**1,195**	**-**	**-**	**427**	**-**	**-**	**15**
INA Road Water Pollution (AZ)	-	-	1,195	-	-	427	-	-	15
Pine Bluff Energy LLC	**-**	**-**	**109,578**	**-**	**-**	**-**	**-**	**-**	**1,174**
Pine Bluff Energy Center (AR)	-	-	109,578	-	-	-	-	-	1,174
Pinellas County Solid Waste	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pinellas County Resource Recov (FL)	-	-	-	-	-	-	-	-	-
Pinetree Power Fitchburg Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pinetree Power Fitchburg Inc (MA)	-	-	-	-	-	-	-	-	-
Pinetree Power Inc	**-**	**-**	**-**	**-**	**-**	**11,595**	**-**	**-**	**-**
Pinetree Power Inc (NH)	-	-	-	-	-	11,595	-	-	-
Pinetree Power Tamworth Inc	**-**	**-**	**-**	**-**	**-**	**13,560**	**-**	**-**	**-**
Pinetree Power Tamworth Inc (NH)	-	-	-	-	-	13,560	-	-	-
Pinnacle West Energy	**-**	**-**	**487,442**	**-**	**-**	**-**	**-**	**-**	**3,497**
Redhawk Unit 1 (AZ)	-	-	231,412	-	-	-	-	-	1,621
Redhawk Unit 2 (AZ)	-	-	225,436	-	-	-	-	-	1,616
Saguaro CT3 (AZ)	-	-	1,752	-	-	-	-	-	27
West Phoenix CC4 (AZ)	-	-	28,842	-	-	-	-	-	233
Pittsfield Generating Co LP	**-**	**2,048**	**119,100**	**-**	**-**	**-**	**-**	**4**	**1,052**
Pittsfield Generating Co LP (MA)	-	2,048	119,100	-	-	-	-	4	1,052
Plains End LLC	**-**	**-**	**9,204**	**-**	**-**	**-**	**-**	**-**	**88**
Plains End (CO)	-	-	9,204	-	-	-	-	-	88
Pleasants Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pleasants Energy LLC (WV)	-	-		-	-	-	-	-	

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
PMCC Leasing Corp	-	-	-	-	-	-	-	-	-
Greater Detroit Resource Recov (MI)	-	-	-	-	-	-	-	-	-
Polk Power Partners LP	-	-	**48,338**	-	-	-	-	-	**360**
Mulberry Cogen (FL)	-	-	48,338	-	-	-	-	-	360
Port Townsend Paper Co	-	**973**	-	**84**	-	**4,140**	-	**19**	-
Port Townsend Paper Corp (WA)	-	973	-	84	-	4,140	-	19	-
Portland City of	-	-	-	**4,367**	-	-	-	-	-
Ground Water Pumping Station (OR)	-	-	-		-	-	-	-	-
Portland Hydro (OR)	-	-	-	4,367	-	-	-	-	-
Portside Energy Corp	-	-	**33,585**	-	-	-	-	-	**422**
Portside Energy (IN)	-	-	33,585	-	-	-	-	-	422
POSDEF Power Co LP	**24,889**	**999**	-	-	-	-	**14**	*	-
POSDEF Power (CA)	24,889	999	-	-	-	-	14	*	-
Potlatch Corp	-	-	**5,329**	-	-	**53,616**	-	-	**495**
Potlatch Corp Arkansas Pulp Pa (AR)	-	-	6	-	-	9	-	-	301
Potlatch Corp Idaho Pulp Paper (ID)	-	-	5,323	-	-	41,707	-	-	194
Potlatch Corp Minnesota Pulp P (MN)	-	-	-	-	-	-	-	-	-
Potlatch Corp Minnesota Wood P (MN)	-	-	-	-	-	5,600	-	-	-
Potlatch Corp Southern Wood Pr (AR)	-	-	-	-	-	6,300	-	-	-
Potomac Power Resources	-	**3,589**	-	-	-	-	-	**13**	-
Benning (DC)	-	-640	-	-	-	-	-	1	-
Buzzard Point (DC)	-	4,229	-	-	-	-	-	13	-
Power City Partners LP	-	-	**907**	-	-	-	-	-	**9**
Massena (NY)	-	-	907	-	-	-	-	-	9
Power Development Co Inc	-	-	**154,911**	-	-	-	-	-	**1,078**
Berkshire Power (MA)	-	-	154,911	-	-	-	-	-	1,078
PowerSmith Cogeneratn Proj LP	-	-	**78**	-	-	-	-	-	**698**
PowerSmith Cogen (OK)	-	-	78	-	-	-	-	-	698
PP&L Montana LLC	**1,104,408**	**4,073**	**34**	**277,787**	-	-	**676**	**2**	*
Black Eagle (MT)	-	-	-	9,714	-	-	-	-	-
Cochrane (MT)	-	-	-	15,215	-	-	-	-	-
Colstrip (MT)	990,195	4,073	34	-	-	-	605	2	*
Hauser (MT)	-	-	-	9,966	-	-	-	-	-
Holter (MT)	-	-	-	19,503	-	-	-	-	-
J E Corette SES (MT)	114,213	-	-	-	-	-	71	-	-
Kerr (MT)	-	-	-	106,868	-	-	-	-	-
Madison (MT)	-	-	-	5,419	-	-	-	-	-
Morony (MT)	-	-	-	17,838	-	-	-	-	-
Mystic (MT)	-	-	-	3,396	-	-	-	-	-
Rainbow (MT)	-	-	-	18,065	-	-	-	-	-
Ryan (MT)	-	-	-	30,531	-	-	-	-	-
Thompson Falls (MT)	-	-	-	41,272	-	-	-	-	-
PPG Industries Inc	-	-	**245,367**	-	-	-	-	-	**2,576**
Natrium (WV)		-	-	-	-	-		-	-
Powerhouse A (LA)	-	-	7,863	-	-	-	-	-	53
PPG Powerhouse C (LA)	-	-	201,446	-	-	-	-	-	2,374
PPG Riverside (LA)	-	-	36,058	-	-	-	-	-	149
PPL Corp	**1,993,382**	**140,780**	**25,641**	**78,242**	**1,663,585**	-	**767**	**276**	**271**
Allentown (PA)	-	470	-	-	-	-	-	1	-
Brunner Island (PA)	914,113	2,533	-	-	-	-	351	4	-
Edgewood (NY)	-	-	9,445	-	-	-	-	-	97
Fishbach (PA)	-	85	-	-	-	-	-	*	-
Harrisburg (PA)	-	1,971	-	-	-	-	-	5	-
Harwood (PA)	-	204	-	-	-	-	-	1	-
Holtwood (PA)	-	-	-	65,098	-	-	-	-	-
Jenkins (PA)	-	196	-	-	-	-	-	1	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Lock Haven (PA)	-	84	-	-	-	-	-	*	-
Martins Creek (PA)	112,779	130,730	5,291	-	-	-	56	256	64
Montour (PA)	966,490	4,209	-	-	-	-	360	7	-
Shoreham (NY)	-	50	-	-	-	-	-	*	-
Sundance Energy LLC (AZ)	-	-	528	-	-	-	-	-	5
Susquehanna (PA)	-	-	-	-	1,663,585	-	-	-	-
University Park Power (IL)	-	-	3,153	-	-	-	-	-	32
Wallenpaupack (PA)	-	-	-	13,144	-	-	-	-	-
Wallingford (CT)	-	-	7,224	-	-	-	-	-	73
West Shore (PA)	-	148	-	-	-	-	-	*	-
Williamsport (PA)	-	100	-	-	-	-	-	*	-
Premcor Refining Group Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Port Arthur Refinery (TX)	-	-		-	-	-	-	-	
Primary Childrens Medical Cntr	**-**	**-**	**985**	**-**	**-**	**-**	**-**	**-**	**8**
Primary Childrens Medical Ctr (UT)	-	-	985	-	-	-	-	-	8
Primary Power International	**-**	**-**	**-**	**-**	**-**	**6,705**	**-**	**-**	**-**
Lyonsdale Power Co LLC (NY)	-	-	-	-	-	6,705	-	-	-
Prime Energy LP	**-**	**-**	**42,142**	**-**	**-**	**-**	**-**	**-**	**445**
Prime Energy LP (NJ)	-	-	42,142	-	-	-	-	-	445
Procter & Gamble Co	**-**	**-**	**68,534**	**-**	**-**	**-**	**-**	**-**	**849**
Oxnard (CA)	-	-	33,845	-	-	-	-	-	422
The Proctor & Gamble Paper (PA)	-	-	34,689	-	-	-	-	-	427
Project Orange Associates LP	**-**	**-**	**2,308**	**-**	**-**	**-**	**-**	**-**	**156**
Project Orange Assoc (NY)	-	-	2,308	-	-	-	-	-	156
Propiertors of Susquenhana Cnl	**-**	**811**	**-**	**-**	**-**	**-**	**-**	**2**	**-**
DeSoto County Power (FL)	-	811	-	-	-	-	-	2	-
Effingham Co Project (GA)	-	-	-	-	-	-	-	-	-
LG&E Monroe (GA)	-	-	-	-	-	-	-	-	-
MPC Generating (GA)	-	-	-	-	-	-	-	-	-
Rowan (NC)	-	-	-	-	-	-	-	-	-
Washington County (GA)	-	-	-	-	-	-	-	-	-
PSEG Nuclear LLC	**-**	**20**	**-**	**-**	**2,472,055**	**-**	**-**	*	**-**
Hope Creek (NJ)	-	-	-	-	804,666	-	-	-	-
Salem Unit 1& 2 (NJ)	-	20	-	-	1,667,389	-	-	*	-
PSEG Power LLC	**535,925**	**19,106**	**460,541**	**-**	**-**	**-**	**211**	**39**	**4,976**
Albany (NY)	-	183	142,461	-	-	-	-	*	1,769
Bayonne (NJ)	-	-25	-	-	-	-	-	-	-
Bergen (NJ)	-	5,611	254,304	-	-	-	-	11	2,652
Burlington (NJ)	-	1,657	5,616	-	-	-	-	3	46
Edison (NJ)	-	2,095	1,777	-	-	-	-	5	23
Essex (NJ)	-	2,140	15,441	-	-	-	-	2	83
Hudson (NJ)	197,054	-	3,044	-	-	-	85	-	32
Kearny (NJ)	-	-981	4,291	-	-	-	-	*	55
Linden (NJ)	-	7,669	26,417	-	-	-	-	14	245
Mercer (NJ)	338,871	-	7,069	-	-	-	126	-	66
Sewaren (NJ)	-	757	121	-	-	-	-	3	3
Purdue University	**10,350**	**1**	**97**	**-**	**-**	**-**	**16**	*	**3**
Purdue University (IN)	10,350	1	97	-	-	-	16	*	3
Questar Gas Management Co	**-**	**1**	**367**	**-**	**-**	**-**	**-**	*	**3**
Blacks Fork (WY)	-	1	367	-	-	-	-	*	3
Questar Pipeline Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Kendall County Generation (IL)	-	-		-	-	-	-	-	
R J Reynolds Tobacco Co	**39,706**	**117**	**-**	**-**	**-**	**-**	**18**	*	**-**
Tobaccoville (NC)	39,706	117	-	-	-	-	18	*	-
RAMCO Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Chula Vista (CA)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Rathdrum Power LLC	**-**	**-**	**153,220**	**-**	**-**	**-**	**-**	**-**	**1,019**
Rathdrum (NC)	-	-	153,220	-	-	-	-	-	1,019
Rayonier Inc	**-**	**11,025**	**1,753**	**-**	**-**	**50,432**	**-**	**87**	**89**
Plummer Forest Prod (GA)	-	7,325	1,753	-	-	37,466	-	59	89
Rayonier Fernandina Mill (FL)	-	3,700	-	-	-	12,966	-	28	-
Regional Waste Systems	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Regional Waste Systems GPRRP (ME)	-	-	-	-	-	-	-	-	-
Reliance Energy Power Gen Inc	**-**	**-**	**67,764**	**-**	**-**	**-**	**-**	**-**	**794**
Sabine Cogen (TX)	-	-	67,764	-	-	-	-	-	794
Reliant Energy Coolwater LLC	**-**	**-**	**339,393**	**-**	**-**	**-**	**-**	**-**	**3,737**
Coolwater (CA)	-	-	185,294	-	-	-	-	-	1,855
Ellwood (CA)	-	-	380	-	-	-	-	-	3
Etiwanda (CA)	-	-	17,177	-	-	-	-	-	283
Mandalay (CA)	-	-	6,004	-	-	-	-	-	68
Ormond Beach (CA)	-	-	130,538	-	-	-	-	-	1,529
Reliant Energy Desert Basin LP	**-**	**-**	**338,817**	**-**	**-**	**-**	**-**	**-**	**2,400**
Desert Basin (AZ)	-	-	338,817	-	-	-	-	-	2,400
Reliant Energy Indian Rvr LLC	**-**	**27,470**	**13,267**	**-**	**-**	**-**	**-**	**49**	**146**
Indian River (FL)	-	27,470	13,267	-	-	-	-	49	146
Reliant Energy Oseola LLC	**-**	**-**	**19,506**	**-**	**-**	**-**	**-**	**-**	**223**
Osceola (FL)	-	-	19,506	-	-	-	-	-	223
Reliant Energy Power Gen Inc	**-**	**-**	**414,990**	**-**	**-**	**-**	**-**	**-**	**4,210**
Aurora (TX)	-	-	-	-	-	-	-	-	-
Channelview (TX)	-	-	414,990	-	-	-	-	-	4,210
Reliant Energy Shelby County (IL)	-	-	-	-	-	-	-	-	-
Renaissance Power LLC	**-**	**-**	**7,097**	**-**	**-**	**-**	**-**	**-**	**74**
Renaissance Power LLC (MI)	-	-	7,097	-	-	-	-	-	74
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 (CT)	-	-	-	-	-	-	-	-	-
Rhodia Inc	**-**	**1**	**12**	**-**	**-**	**-**	**-**	*	*
Martinez Regen Sulfuric Acid (CA)	-	1	12	-	-	-	-	*	*
Ridge Generating Station LP	**-**	**-**	**-**	**-**	**-**	**9,944**	**-**	**-**	**-**
Ridge (FL)	-	-	-	-	-	9,944	-	-	-
Ridgetop Energy LLC	**-**	**-**	**-**	**-**	**-**	**7,432**	**-**	**-**	**-**
Ridgetop Energy LLC (CA)	-	-	-	-	-	7,432	-	-	-
Ridgetop Energy LLC II	**-**	**-**	**-**	**-**	**-**	**2,106**	**-**	**-**	**-**
KernRidgetop Energy LLC II (CA)	-	-	-	-	-	2,106	-	-	-
Ridgewood Providence Power PLP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Ridgewood Providence (RI)	-	-	-	-	-	-	-	-	-
Rigatti E R	**-**	**-**	**-**	**-**	**-**	**8,978**	**-**	**-**	**-**
Peetz Table Windfarm (CO)	-	-	-	-	-	8,978	-	-	-
Rio Bravo Fresno	**-**	**-**	**-**	**-**	**-**	**15,333**	**-**	**-**	*
Rio Bravo Fresno (CA)	-	-	-	-	-	15,333	-	-	*
Rio Bravo Poso	**12,612**	**13,194**	**181**	**-**	**-**	**-**	**6**	**5**	**1**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Rio Bravo Poso (CA)	12,612	13,194	181	-	-	-	6	5	1
Rio Bravo Rocklin	**-**	**-**	**387**	**-**	**-**	**16,040**	**-**	**-**	**5**
Rio Bravo Rocklin (CA)	-	-	387	-	-	16,040	-	-	5
Rio Nogales Power Project LP	**-**	**-**	**12,889**	**-**	**-**	**-**	**-**	**-**	**154**
Rio Nogales Power Project (TX)	-	-	12,889	-	-	-	-	-	154
Ripon Cogeneration Inc-Ripon	**-**	**-**	**29,338**	**-**	**-**	**-**	**-**	**-**	**274**
Ripon Mill (CA)	-	-	29,338	-	-	-	-	-	274
Riverside Canal Power Co Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Riverside Canal (CA)	-	-	-	-	-	-	-	-	-
Riverside Generating Co LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	*
Riverside Generating Co LLC (KY)	-	-	-	-	-	-	-	-	*
Riverwood International Corp	**-**	**-**	**9,639**	**-**	**-**	**22,683**	**-**	**-**	**529**
Plant 31 Paper Mill (LA)	-	-	9,639	-	-	22,683	-	-	529
Riverwood Internatl USA Inc	**3,463**	**1,154**	**989**	**-**	**-**	**14,341**	**6**	**8**	**41**
Macon Mill (GA)	3,463	1,154	989	-	-	14,341	6	8	41
Roche Vitamins	**-**	**-**	**19,356**	**-**	**-**	**-**	**-**	**-**	**241**
Roche Vitamins Inc (NJ)	-	-	19,356	-	-	-	-	-	241
RockGen Energy LLC	**-**	**-**	**-625**	**-**	**-**	**-**	**-**	**-**	**-**
RockGen Energy Center (IL)	-	-	-625	-	-	-	-	-	-
Rockingham Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Rockingham Power LLC (NC)	-	-	-	-	-	-	-	-	-
Rocky Road Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	*
Rocky Road Power LLC (IL)	-	-	-	-	-	-	-	-	*
Rolls Royce Corp	**-**	**-**	**14**	**-**	**-**	**2,903**	**-**	**-**	*
Rolls Royce Corp (IN)	-	-	14	-	-	2,903	-	-	*
Roseburg Forest Products Co	**-**	**-**	**-**	**-**	**-**	**9,488**	**-**	**-**	**-**
Dillard Complex (OR)	-	-	-	-	-	9,488	-	-	-
RS Cogen	**-**	**-**	**194,389**	**-**	**-**	**-**	**-**	**-**	**1,544**
RS Cogen (LA)	-	-	194,389	-	-	-	-	-	1,544
Rumford Power Associates LP	**-**	**-**	**128,268**	**-**	**-**	**-**	**-**	**-**	**929**
Rumford Power Associates (MA)	-	-	128,268	-	-	-	-	-	929
Ryegate Associates	**-**	**-**	**-**	**-**	**-**	**15,388**	**-**	**-**	**-**
Ryegate (VT)	-	-	-	-	-	15,388	-	-	-
S D Warren Co	**27,037**	**463**	**373**	**401**	**-**	**31,646**	**27**	**2**	**14**
Muskegon (MI)	14,265	106	373	-	-	8,625	18	1	14
S D Warren Co 2 (ME)	12,772	357	-	401	-	23,021	10	1	-
S&L Cogeneration Co	**-**	**-**	**29,747**	**-**	**-**	**-**	**-**	**-**	**395**
S&L Cogen (TX)	-	-	29,747	-	-	-	-	-	395
Saguaro Power Co	**-**	**-**	**66,960**	**-**	**-**	**-**	**-**	**-**	**686**
Saguaro (NV)	-	-	66,960	-	-	-	-	-	686
Salton Sea 4/Fish Lake Pwr Gen	**-**	**-**	**-**	**-**	**-**	**25,276**	**-**	**-**	**-**
Salton Sea Unit 4 (CA)	-	-	-	-	-	25,276	-	-	-
Salton Sea Power Generatn LP 1	**-**	**-**	**-**	**-**	**-**	**4,744**	**-**	**-**	**-**
Salton Sea Unit 1 (CA)	-	-	-	-	-	4,744	-	-	-
Salton Sea Power Generatn LP 2	**-**	**-**	**-**	**-**	**-**	**8,236**	**-**	**-**	**-**
Salton Sea Unit 2 (CA)	-	-	-	-	-	8,236	-	-	-
Salton Sea Power Generatn LP 3	**-**	**-**	**-**	**-**	**-**	**27,851**	**-**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Salton Sea Unit 3 (CA)	-	-	-	-	-	27,851	-	-	-
San Diego City of	**-**	**-**	**-**	**-**	**-**	**2,767**	**-**	**-**	**-**
Gas Utilization (CA)	-	-	-	-	-	2,767	-	-	-
San Gorgonio Wind Farms Inc	**-**	**-**	**-**	**-**	**-**	**3,461**	**-**	**-**	**-**
San Gorgonio Farms Wind Energy (CA)	-	-	-	-	-	3,461	-	-	-
San Joaquin Cogen Ltd	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
San Joaquin Cogen (CA)	-	-		-	-	-	-	-	
Santa Fe Snyder Oil Corp	**-**	**-**	**3,021**	**-**	**-**	**-**	**-**	**-**	**36**
Beaver Creek Gas Plant (WY)	-	-	3,021	-	-	-	-	-	36
SAPPI	**-**	**16,591**	**-**	**-**	**-**	**52,134**	**-**	**75**	**-**
Somerset (ME)	-	16,591	-	-	-	52,134	-	75	-
Saranac Power Partners LP	**-**	**-**	**178,520**	**-**	**-**	**-**	**-**	**-**	**1,502**
Saranac (NY)	-	-	178,520	-	-	-	-	-	1,502
Schuylkill Energy Resource Inc	**69,359**	**-**	**-**	**-**	**-**	**-**	**112**	**-**	**-**
St Nicholas Cogen (PA)	69,359	-	-	-	-	-	112	-	-
Scott Wood Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Scott Wood Inc 2 (VA)	-	-	-	-	-		-	-	-
Scrubgrass Generating Co LP	**55,125**	**-**	**-**	**-**	**-**	**-**	**54**	**-**	**-**
Scrubgrass (PA)	55,125	-	-	-	-	-	54	-	-
SDS Lumber Co	**-**	**-**	**-**	**-**	**-**	**785**	**-**	**-**	**-**
Gorge Energy Div SDS Lumber Co (WA)	-	-	-	-	-	785	-	-	-
Seawest Windpower Inc	**-**	**-**	**-**	**-**	**-**	**11,191**	**-**	**-**	**-**
Altech III (CA)	-	-	-	-	-	1,552	-	-	-
Condon Windpower (OR)	-	-	-	-	-	9,639	-	-	-
Second Imperial Geothermal Co	**-**	**-**	**-**	**-**	**-**	**27,413**	**-**	**-**	**-**
Second Imperial Geothermal Co (CA)	-	-	-	-	-	27,413	-	-	-
SEI Wisconsin LLC	**-**	**2**	**6,374**	**-**	**-**	**-**	**-**	*	**76**
Mirant Neenah (IN)	-	2	6,374	-	-	-	-	*	76
Selkirk Cogen Partners LP	**-**	**-**	**245,413**	**-**	**-**	**-**	**-**	**-**	**2,198**
Selkirk Cogen Partners LP (NY)	-	-	245,413	-	-	-	-	-	2,198
SEMASS Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SEMASS Resource Recovery (MA)	-	-	-	-	-	-	-	-	-
Sempra Energy Resources	**212,365**	**-**	**4,940**	**-**	**-**	**-**	**180**	**-**	**56**
Twin Oaks Power (TX)	212,365	-	4,940	-	-	-	180	-	56
Seneca Energy	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Seneca Energy (NY)	-	-	-	-	-	-	-	-	-
Seneca Power Partners LP	**-**	**1**	**-105**	**-**	**-**	**-**	**-**	*	**-**
Seneca Power Partners LP (NY)	-	1	-105	-	-	-	-	*	-
SERRF Joint Powers Authority	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Southeast Resource Recovery (CA)	-	-	-	-	-	-	-	-	-
SF Phosphates Ltd Co	**-**	**-**	**156**	**-**	**-**	**-**	**-**	**-**	**6**
SF Phosphates Ltd Co (WY)	-	-	156	-	-	-	-	-	6
Shady Hills Power Co LLC	**-**	**537**	**7,223**	**-**	**-**	**-**	**-**	**1**	**76**
Shady Hills Generating Station (FL)	-	537	7,223	-	-	-	-	1	76
Shawmut Bank	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Delaware Valley (PA)	-	-	-	-	-	-	-	-	-
Shell Oil Co-Deer Park	**-**	**-**	**163,673**	**-**	**-**	**-**	**-**	**-**	**3,771**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Deer Park (TX)	-	-	163,673	-	-	-	-	-	3,771
Shelton George H	**-**	**-**	**-**	**-**	**-**	**18,430**	**-**	**-**	**-**
Rock River I LLC (WY)	-	-	-	-	-	18,430	-	-	-
Sierra Pacific Industries Inc	**-**	**-**	**-**	**-**	**-**	**44,143**	**-**	**-**	**-**
Burney (CA)	-	-	-	-	-	11,058	-	-	-
Loyalton (CA)	-	-	-	-	-	7,566	-	-	-
Quincy (CA)	-	-	-	-	-	16,166	-	-	-
Susanville (CA)	-	-	-	-	-	9,353	-	-	-
Simplot Leasing Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Don (ID)	-	-	-	-	-	-	-	-	-
Simpson Paper Co	**-**	**-**	**-**	**1,491**	**-**	**-**	**-**	**-**	**-**
Gilman Mill (VT)	-	-	-	1,491	-	-	-	-	-
Sinclair Oil Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Sinclair Oil Refinery (WY)	-	-	-	-	-	-	-	-	-
Sithe New England Holdings LLC	**-**	**41,297**	**108,995**	**-**	**-**	**-**	**-**	**93**	**1,269**
Fore River (MA)	-	-	-	-	-	-	-	-	-
Mystic (MA)	-	41,294	35,368	-	-	-	-	93	486
New Boston (MA)	-	-	73,627	-	-	-	-	*	784
Sithe Edgar LLC (MA)	-	-	-	-	-	-	-	-	-
Sithe Framingham LLC (MA)	-	-	-	-	-	-	-	*	-
Sithe Medway LLC (MA)	-	3	-	-	-	-	-	*	-
Sithe New Jersey Holdings LLC	**3,084,269**	**37,676**	**5,447**	**10,027**	**-**	**-**	**1,212**	**87**	**46**
Blossburg (PA)	-	-	45	-	-	-	-	-	1
Conemaugh (PA)	1,249,934	396	817	-	-	-	472	1	7
Deep Creek (MD)	-	-	-	3,154	-	-	-	-	-
Gilbert (NJ)	-	5,871	3,511	-	-	-	-	17	18
Glenn Gardner (NJ)	-	679	556	-	-	-	-	2	9
Hamilton (PA)	-	1,274	-	-	-	-	-	3	-
Hunterstown (PA)	-	1,162	-	-	-	-	-	3	-
Keystone (PA)	1,146,377	1,885	-	-	-	-	447	3	-
Mountain (PA)	-	280	-	-	-	-	-	1	-
Ortanna (PA)	-	1,076	-	-	-	-	-	2	-
Piney (PA)	-	-	-	6,873	-	-	-	-	-
Portland (PA)	197,241	8,093	11	-	-	-	81	16	*
Sayreville (NJ)	-	1,278	507	-	-	-	-	5	11
Seward (PA)	102,233	384	-	-	-	-	49	1	-
Shawnee (PA)	-	-	-	-	-	-	-	-	-
Shawville (PA)	290,212	1,178	-	-	-	-	122	2	-
Titus (PA)	98,272	453	-	-	-	-	41	1	-
Tolna (PA)	-	709	-	-	-	-	-	2	-
Warren (PA)	-	13,027	-	-	-	-	-	28	-
Wayne (PA)	-	177	-	-	-	-	-	1	-
Werner (NJ)	-	-246	-	-	-	-	-	-	-
Sithe/Independence Pwr Part LP	**-**	**-**	**524,103**	**-**	**-**	**-**	**-**	**-**	**3,838**
Sithe Independence Station (NY)	-	-	524,103	-	-	-	-	-	3,838
Sky River Partnership	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Sky River Partnership (CA)	-	-	-	-	-		-	-	-
Sloss Industries Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Sloss Industries Corp (AL)	-	-	-	-	-	-	-	-	-
Smith Falls Hydropower	**-**	**-**	**-**	**106**	**-**	**-**	**-**	**-**	**-**
Smith Falls Hydro (ID)	-	-	-	106	-	-	-	-	-
Soda Lake Ltd Partnership	**-**	**-**	**-**	**-**	**-**	**6,756**	**-**	**-**	**-**
Soda Lake Geothermal No I II (NV)	-	-	-	-	-	6,756	-	-	-
Solid Waste Auth of Palm Beach	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
North County Regional Resource (FL)	-	-	-	-	-	-	-	-	-
Solutia Inc-Indian	**2,577**	**-**	**-**	**-**	**-**	**-**	**4**	**-**	**-**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Indian Orchard 1 (MA)	2,577	-	-	-	-	-	4	-	-
Sonoco Products Inc	**-**	**-**	**-**	**-**	**-**	**2,732**	**-**	**-**	**-**
Somerset Windpower (PA)	-	-	-	-	-	2,732	-	-	-
South Eastern Elec Devel Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Lee County (AL)	-	-	-	-	-	-	-	-	-
Southeast Missouri State Univ	**-**	**814**	**-**	**-**	**-**	**-**	**-**	*****	**-**
Southeast Missouri State Univ (MO)	-	814	-	-	-	-	-	*	-
Southeast Paper Mfg Co Inc	**4,859**	**38**	**2,758**	**-**	**-**	**8,162**	**6**	*****	**7**
SP Newsprint (GA)	4,859	38	2,758	-	-	8,162	6	*	7
Southern Calif Sunbelt Devel	**-**	**-**	**-**	**-**	**-**	**465**	**-**	**-**	**-**
Edom Hill (CA)	-	-	-	-	-	465	-	-	-
Southern Co Services Inc	**-**	**68**	**186,646**	**-**	**-**	**-**	**-**	*****	**1,347**
Dahlberg (GA)	-	68	4,008	-	-	-	-	*	51
Goat Rock CC (AL)	-	-	63,567	-	-	-	-	-	464
Wansley (GA)	-	-	119,071	-	-	-	-	-	831
Southern Energy Co	**-**	**5,862**	**451,749**	**-**	**-**	**-**	**-**	**13**	**4,716**
Contra Costa (CA)	-	-	96,225	-	-	-	-	-	956
Pittsburg (CA)	-	-	336,172	-	-	-	-	-	3,556
Potrero (CA)	-	5,862	19,352	-	-	-	-	13	204
Southern Energy New York	**193,168**	**140,789**	**26,490**	**10,410**	**-**	**-**	**80**	**239**	**280**
Bowline Point (NY)	-	140,789	6,131	-	-	-	-	239	63
Grahamsville (NY)	-	-	-	5,280	-	-	-	-	-
Hillburn (NY)	-	-	201	-	-	-	-	-	4
Lovett (NY)	193,168	-	20,123	-	-	-	80	-	211
Mongaup (NY)	-	-	-	1,409	-	-	-	-	-
Rio (NY)	-	-	-	2,076	-	-	-	-	-
Shoemaker (NY)	-	-	35	-	-	-	-	-	2
Swinging Bridge 2 (NY)	-	-	-	163	-	-	-	-	-
Swinging Bridge I (NY)	-	-	-	1,482	-	-	-	-	-
Southern Energy Wichita Falls	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Mirant Wichita Falls LP (TX)	-	-	-	-	-	-	-	-	-
Spokane City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Spokane (WA)	-	-	-	-	-	-	-	-	-
Springfield Water & Sewer Comm	**95,748**	**170**	**-**	**-**	**-**	**-**	**39**	*****	**-**
Mount Tom (MA)	95,748	170	-	-	-	-	39	*	-
SRW Cogeneration LP	**-**	**-**	**285,420**	**-**	**-**	**6,066**	**-**	**-**	**2,605**
SRW Cogen (TX)	-	-	285,420	-	-	6,066	-	-	2,605
St Laurent Paper Products Co	**10,335**	**4,353**	**-**	**-**	**-**	**33,359**	**13**	**21**	**-**
West Point Mill (VA)	10,335	4,353	-	-	-	33,359	13	21	-
Star Enterprises	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Delaware City (DE)	-	-	-	-	-	-	-	-	-
Star Group IE Geothermal Partn	**-**	**-**	**-**	**-**	**-**	**6,328**	**-**	**-**	**-**
Ormesa 1 (CA)	-	-	-	-	-	6,328	-	-	-
Star Group Stillwater I	**-**	**-**	**-**	**-**	**-**	**4,814**	**-**	**-**	**-**
Stillwater (NV)	-	-	-	-	-	4,814	-	-	-
State Farm Mutual Auto Ins Co	**-**	**9**	**-**	**-**	**-**	**-**	**-**	*****	**-**
State Farm Ins Co ISC Central (TX)	-	-	-	-	-	-	-	*	-
State Farm Insurance Co ISC Ea (GA)	-	9	-	-	-	-	-	*	-
State Line Energy LLC	**237,917**	**-**	**-**	**-**	**-**	**-**	**121**	**-**	**-**
State Line Energy (IN)	237,917	-	-	-	-	-	121	-	-
State of Wisconsin	**976**	**-**	**27**	**-**	**-**	**44**	**2**	**-**	**2**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Capitol Heat and Power (WI)	466	-	27	-	-	-	1	-	2
Waupun Correctional Inst Ctr (WI)	510	-	-	-	-	44	1	-	-
State Street Bank & Trust Co	**-**	**-**	**666,637**	**-**	**-**	**-**	**-**	**-**	**5,522**
Midland Cogen (MI)	-	-	666,637	-	-	-	-	-	5,522
Steamboat Development Corp	**-**	**-**	**-**	**-**	**-**	**23,155**	**-**	**-**	**-**
Steamboat II (NV)	-	-	-	-	-	11,797	-	-	-
Steamboat III (NV)	-	-	-	-	-	11,358	-	-	-
Stockton Cogen Co	**18,398**	**15,089**	**-**	**-**	**-**	**2,550**	**11**	**8**	**-**
Stockton Cogen Co (CA)	18,398	15,089	-	-	-	2,550	11	8	-
Stone Container Corp	**8,860**	**7,420**	**26,861**	**-**	**-**	**103,904**	**18**	**101**	**650**
Coshocton Mill (OH)	-	-	-	-	-	-	-	-	-
Florence Mill (SC)	1,702	2,758	219	-	-	18,335	7	47	22
Hodge Louisiana (LA)	-	-	26,013	-	-	39,873	-	-	560
Hopewell Mill (VA)	5,300	1,651	-	-	-	21,737	5	7	-
Missoula Mill (MT)	-	-	390	-	-	6,053	-	-	46
Panama City Mill (FL)	1,858	3,011	239	-	-	17,906	7	47	22
Storm Lake Power PartnerII LLC	**-**	**-**	**-**	**-**	**-**	**21,057**	**-**	**-**	**-**
Storm Lake II (IA)	-	-	-	-	-	21,057	-	-	-
Sumas Cogeneration Co LP	**-**	**-**	**96,151**	**-**	**-**	**-**	**-**	**-**	**758**
Sumas Cogen (WA)	-	-	96,151	-	-	-	-	-	758
Sumpter Energy Associates	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Sumpter Energy Assoc (MI)	-	-	-	-	-	-	-	-	-
Sunbury Generation LLC	**174,821**	**36**	**-**	**-**	**-**	**-**	**128**	*****	**-**
Sunbury (PA)	174,821	36	-	-	-	-	128	*	-
Sunnyside Cogeneration Assoc	**33,767**	**-**	**-**	**-**	**-**	**-**	**43**	**-**	**-**
Sunnyside Cogen Assoc (UT)	33,767	-	-	-	-	-	43	-	-
Sunray Energy Inc	**-**	**-**	**43**	**-**	**-**	**13**	**-**	**-**	*
SEGS I (CA)	-	-	43	-	-	13	-	-	*
Sunrise Cogeneration&Power Co	**-**	**-**	**25,740**	**-**	**-**	**-**	**-**	**-**	**262**
Sunrise Power Co LLC (CA)	-	-	25,740	-	-	-	-	-	262
Sweeny Cogeneration LP	**-**	**-**	**312,903**	**-**	**-**	**-**	**-**	**-**	**3,786**
Sweeny Cogen (TX)	-	-	312,903	-	-	-	-	-	3,786
Sycamore Cogeneration Co	**-**	**-**	**200,516**	**-**	**-**	**-**	**-**	**-**	**2,408**
Sycamore Cogen (CA)	-	-	200,516	-	-	-	-	-	2,408
Taft Cogeneration LP	**-**	**-**	**170,298**	**-**	**-**	**-**	**-**	**-**	**1,284**
Taft Cogeneration Facility (LA)	-	-	170,298	-	-	-	-	-	1,284
Tampa City of	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
McKay Bay (FL)	-	-	-	-	-	-	-	-	-
Tampa Dept of Sanitary Sewers	**-**	**-**	**-**	**-**	**-**	**1,167**	**-**	**-**	**-**
Howard F Curren AWT (FL)	-	-	-	-	-	1,167	-	-	-
Tapoco Inc	**-**	**-**	**-**	**200,782**	**-**	**-**	**-**	**-**	**-**
Calderwood (TN)	-	-	-	82,174	-	-	-	-	-
Cheoah (NC)	-	-	-	71,649	-	-	-	-	-
Chilhowee (TN)	-	-	-	24,463	-	-	-	-	-
Santeetlah (NC)	-	-	-	22,496	-	-	-	-	-
Temple-Inland Forest Prod Corp	**-**	**-**	**2,577**	**-**	**-**	**41,004**	**-**	**-**	**70**
Westvaco Evadale (TX)	-	-	2,577	-	-	41,004	-	-	70
Tenaska Alabama Partners LP	**-**	**-**	**103**	**-**	**-**	**-**	**-**	**-**	**4**
Lindsay Hill (AL)	-	-	103	-	-	-	-	-	4
Tenaska Frontier Partners Ltd	**-**	**106**	**263,772**	**-**	**-**	**-**	**-**	*****	**1,899**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Tenaska Frontier (TX)	-	106	263,772	-	-	-	-	*	1,899
Tenaska Gateway Partners Ltd	**-**	**-**	**333,782**	**-**	**-**	**-**	**-**	**-**	**2,312**
Tenaska Gateway (TX)	-	-	333,782	-	-	-	-	-	2,312
Tenaska Georgia Partners LP	**-**	**659**	**2,755**	**-**	**-**	**-**	**-**	**1**	**35**
Tenaska Georgia (GA)	-	659	2,755	-	-	-	-	1	35
Tenaska III Inc	**-**	**3**	**147,161**	**-**	**-**	**-**	**-**	*	**1,227**
Tenaska III Texas Partners (TX)	-	3	147,161	-	-	-	-	*	1,227
Tenaska IV Texas Partners Ltd	**-**	**-**	**158,829**	**-**	**-**	**-**	**-**	**-**	**1,155**
Ponderosa Pine Energy Ptrs (TX)	-	-	158,829	-	-	-	-	-	1,155
Tenaska Washington Inc	**-**	**36**	**182,403**	**-**	**-**	**-**	**-**	*	**1,463**
Tenaska Washington Partners LP (WA)	-	36	182,403	-	-	-	-	*	1,463
Tenneco Packaging	**4,570**	**2,053**	**1,625**	**1,514**	**-**	**34,450**	**17**	**19**	**130**
Packaging Corp of America (TN)	2,980	2,053	1,198	-	-	26,888	6	19	64
Tomahawk (WI)	1,590	-	427	1,514	-	7,562	10	-	66
Tennessee Eastman Co	**105,066**	**-**	**532**	**-**	**-**	**671**	**127**	**-**	**43**
Tennessee Eastman Ops (TN)	105,066	-	532	-	-	671	127	-	43
TES Filer City Station LP	**4,174**	**-**	**-**	**-**	**-**	**411**	**19**	**-**	**-**
TES Filer City (MI)	4,174	-	-	-	-	411	19	-	-
Thermal Energy Dev Partner L/P	**-**	**-**	**-**	**-**	**-**	**36,478**	**-**	**-**	**-**
Tracy Biomass (CA)	-	-	-	-	-	36,478	-	-	-
Thermo Cogeneration Partner LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
TCP 122 (CO)	-	-		-	-	-	-	-	
TCP 150 (CO)	-	-		-	-	-	-	-	
Thermo Power & Electric Inc	**-**	**-**	**56,863**	**-**	**-**	**-**	**-**	**-**	**390**
Thermo Power Electric Inc (CO)	-	-	56,863	-	-	-	-	-	390
Thomson Corp	**-**	**4**	**-**	**-**	**-**	**-**	**-**	*	**-**
West Group Generator Building (MN)	-	4	-	-	-	-	-	*	-
Timber Energy Resources Inc	**-**	**-**	**-**	**-**	**-**	**8,114**	**-**	**-**	**-**
Timber Energy Resources Inc (FL)	-	-	-	-	-	8,114	-	-	-
Tiverton Power Associates LP	**-**	**-**	**156,676**	**-**	**-**	**-**	**-**	**-**	**1,073**
Calpine Tiverton Power (RI)	-	-	156,676	-	-	-	-	-	1,073
Tomen Power Corp	**-**	**-**	**-**	**-**	**-**	**3,341**	**-**	**-**	**-**
Viking Windfarm II (CA)	-	-	-	-	-	3,341	-	-	-
Tosco Corp-Wilmington	**-**	**-**	**38,304**	**-**	**-**	**-**	**-**	**-**	**295**
Los Angeles Refinery Wilmingto (CA)	-	-	38,304	-	-	-	-	-	295
TPC 3/5 Inc	**-**	**-**	**-**	**-**	**-**	**5,803**	**-**	**-**	**-**
Mojave 3 (CA)	-	-	-	-	-	2,804	-	-	-
Mojave 5 (CA)	-	-	-	-	-	2,999	-	-	-
TPC 4 Inc	**-**	**-**	**-**	**-**	**-**	**2,953**	**-**	**-**	**-**
Mojave 4 (CA)	-	-	-	-	-	2,953	-	-	-
Transalta Centralia Mining LLC	**1,017,488**	**-**	**99,360**	**-**	**-**	**-**	**683**	**-**	**748**
Centralia (WA)	1,017,488	-	99,360	-	-	-	683	-	748
Tri-Cities	**-**	**-**	**-**	**-**	**-**	**42,086**	**-**	**-**	**-**
Trent Mesa Wind (TX)	-	-	-	-	-	42,086	-	-	-
Trigen-Cinergy Sol-Tuscola LLC	**7,369**	**-**	**176**	**-**	**-**	**-**	**17**	**-**	**8**
Tuscola (IL)	7,369	-	176	-	-	-	17	-	8
Trigen-Nassau Energy Corp	**-**	**-**	**37,785**	**-**	**-**	**-**	**-**	**-**	**340**
Trigen Nassau (NY)	-	-	37,785	-	-	-	-	-	340

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Trigen-Philadelphia Engy Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Schuylkill Turbine (PA)	-	-	-	-	-	-	-	-	-
Tri-State Power LLC	**-**	**-**	**2,871**	**-**	**-**	**-**	**-**	**-**	**35**
Brighton Generating Station (CO)	-	-	-	-	-	-	-	-	-
Limon Generating Station (CO)	-	-	2,871	-	-	-	-	-	35
Tropicana Products Inc	**-**	**-**	**31,928**	**-**	**-**	**-**	**-**	**-**	**303**
Tropicana Products Inc Bradent (FL)	-	-	31,928	-	-	-	-	-	303
TXU Generation Co, LLC	**3,848,351**	**20,696**	**1,090,09**	**-**	**1,359,642**	**-**	**3,014**	**26**	**11,838**
Big Brown (TX)	776,293	-	1,261	-	-	-	540	-	15
Collin (TX)	-	-315	-	-	-	-	-	-	-
Comanche Peak (TX)	-	-	-	-	1,359,642	-	-	-	-
DeCordova (TX)	-	250	261,001	-	-	-	-	*	2,426
Eagle Mountain (TX)	-	-	54,017	-	-	-	-	-	803
Graham (TX)	-	71	76,763	-	-	-	-	*	854
Lake Creek (TX)	-	-	4,834	-	-	-	-	-	67
Lake Hubbard (TX)	-	911	92,615	-	-	-	-	2	1,030
Martin Lake (TX)	1,500,325	4,005	-	-	-	-	1,266	8	-
Monticello (TX)	1,333,651	965	-	-	-	-	1,043	2	-
Morgan Creek (TX)	-	882	20,091	-	-	-	-	2	282
North Lake (TX)	-	-	32,490	-	-	-	-	-	459
North Main (TX)	-	-	-65	-	-	-	-	-	-
Parkdale (TX)	-	-307	-	-	-	-	-	-	-
Permian Basin (TX)	-	236	192,277	-	-	-	-	*	2,010
River Crest (TX)	-	-	-96	-	-	-	-	-	-
Sandow (TX)	238,082	6,576	-	-	-	-	165	10	-
Stryker Creek (TX)	-	-	48,535	-	-	-	-	-	461
Sweetwater (TX)	-	-	62,075	-	-	-	-	-	581
Tradinghouse (TX)	-	-	237,444	-	-	-	-	-	2,635
Trinidad (TX)	-	7,322	-	-	-	-	-	-	85
Valley (TX)	-	100	6,852	-	-	-	-	*	129
U S Agri Chemicals Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
U S Agri Chemicals Corp Fort M (FL)	-	-	-	-	-	-	-	-	-
U S Air Force-Luke	**-**	**-**	**-**	**-**	**-**	**11,864**	**-**	**-**	**-**
Upton Wind II (TX)	-	-	-	-	-	11,864	-	-	-
U S Alliance Corp	**8,350**	**-**	**-**	**-**	**-**	**6,020**	**25**	**-**	**-**
U S Alliance Coosa Pines (AL)	8,350	-	-	-	-	6,020	25	-	-
U S Borax Inc	**-**	**-**	**27,195**	**-**	**-**	**-**	**-**	**-**	**350**
U S Borax Inc (CA)	-	-	27,195	-	-	-	-	-	350
U S Gen New England Inc	**987,906**	**92,527**	**154,752**	**76,889**	**-**	**-**	**382**	**144**	**1,185**
Bear Swamp (MA)	-	-	-	-15,740	-	-	-	-	-
Bellows FLS (VT)	-	-	-	-	-	-	-	-	-
Brayton (MA)	781,525	49,060	3,792	-	-	-	295	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)	-	-	-	25,369	-	-	-	-	-
Manchester St (RI)	-	-	150,960	-	-	-	-	-	1,151
Mcindoes (NH)	-	-	-	2,200	-	-	-	-	-
S C Moore (NH)	-	-	-	11,619	-	-	-	-	-
Salem Harbor (MA)	206,381	43,467	-	-	-	-	87	71	-
Searsburg (VT)	-	-	-	1,651	-	-	-	-	-
Sherman (MA)	-	-	-	2,796	-	-	-	-	-
Vernon (VT)	-	-	-	9,752	-	-	-	-	-
Wilder (VT)	-	-	-	8,257	-	-	-	-	-
U S Navy-Public Works Center	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SPSA WTE (VA)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
U S Trust Co of California	**33,292**	**-**	**590**	**-**	**-**	**-**	**54**	**-**	**22**
Argus Cogen (CA)	33,292	-	590	-	-	-	54	-	22
UGI Utilities Inc	**25,039**	**129**	**1,428**	**-**	**-**	**-**	**18**	*	**14**
Hunlock (PA)	25,039	129	1,428	-	-	-	18	*	14
Union Camp Corp	**48,644**	**10,490**	**39,205**	**-**	**-**	**127,843**	**65**	**67**	**652**
Eastover Facility (SC)	7,601	2,639	-	-	-	32,242	13	19	-
International Paper Co Savanna (GA)	25,318	2,617	5,099	-	-	39,204	26	10	128
Prattville Mill (AL)	3,117	2,981	5,266	-	-	32,846	5	21	195
Printing & Communication Paper (VA)	12,608	2,253	28,840	-	-	23,551	21	16	329
Union Carbide Corp-Seadrift	**-**	**-**	**77,316**	**-**	**-**	**-**	**-**	**-**	**766**
Seadrift (TX)	-	-	77,316	-	-	-	-	-	766
Union Carbide Corp-Taft	**-**	**-**	**114,146**	**-**	**-**	**-**	**-**	**-**	**1,350**
St Charles Ops (LA)	-	-	114,146	-	-	-	-	-	1,350
Union Carbide Corp-Texas City	**-**	**-**	**42,941**	**-**	**-**	**-**	**-**	**-**	**313**
Texas City Plant Union Carbide (TX)	-	-	42,941	-	-	-	-	-	313
Union County Utilities Auth	**-**	**-**	**160**	**-**	**-**	**-**	**-**	**-**	**3**
Union County Resource Recovery (NJ)	-	-	160	-	-	-	-	-	3
Union Electric Develop Corp	**1,104,244**	**2,382**	**1,023**	**-**	**-**	**-**	**626**	**4**	**50**
Coffeen (IL)	353,870	649	-	-	-	-	188	1	-
Columbia (MO)	-	-	-	-	-	-	-	-	-
Elgin Energy Center (IL)	-	-	2,575	-	-	-	-	-	32
Gibson City (IL)	-	54	81	-	-	-	-	*	3
Grand Tower (IL)	-	-	-1,674	-	-	-	-	-	2
Hutsonville (IL)	60,839	291	-	-	-	-	29	*	-
Kinmundy (IL)	-	-	-249	-	-	-	-	-	1
Meredosia (IL)	92,845	530	5	-	-	-	52	1	*
Newton (IL)	596,690	858	-	-	-	-	357	2	-
Pinckneyville (IL)	-	-	285	-	-	-	-	-	13
Union Oil Co of California	**-**	**-**	**35,591**	**-**	**-**	**-**	**-**	**-**	**422**
Phillips 66 Co Rodeo Refinery (CA)	-	-	35,591	-	-	-	-	-	422
Union Pacific R E M Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Upton Wind I (TX)	-	-	-	-	-		-	-	-
Union Pacific Resources Co	**-**	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**16**
East Texas Gas Plant (TX)	-	-	2	-	-	-	-	-	16
United States Sugar Corp	**-**	**136**	**-**	**-**	**-**	**21,900**	**-**	**1**	**-**
Bryant Sugar House (FL)	-	28	-	-	-	9,019	-	1	-
Clewiston Sugar House (FL)	-	108	-	-	-	12,881	-	*	-
University of California-LA	**-**	**-**	**23,461**	**-**	**-**	**-**	**-**	**-**	**289**
UCLA South Campus Central Chil (CA)	-	-	23,461	-	-	-	-	-	289
University of Iowa	**9,366**	**10**	**1,301**	**-**	**-**	**-**	**12**	*	**39**
University of Iowa Main (IA)	9,366	10	1,301	-	-	-	12	*	39
University of Michigan	**-**	**-**	**15,350**	**-**	**-**	**-**	**-**	**-**	**319**
University of Michigan (MI)	-	-	15,350	-	-	-	-	-	319
University of Missouri	**10,109**	**-**	**-**	**-**	**-**	**269**	**14**	**-**	**-**
University of Missouri Columbi (MO)	10,109	-	-	-	-	269	14	-	-
University of North Carolina	**9,050**	**-**	**1,387**	**-**	**-**	**-**	**10**	**-**	**42**
UNC Chapel Hill Cogen (NC)	9,050	-	1,387	-	-	-	10	-	42
University of Oregon	**-**	**5**	**957**	**-**	**-**	**-**	**-**	*	**47**
University of Oregon Central (OR)	-	5	957	-	-	-	-	*	47
University of Texas at Austin	**-**	**-**	**22,952**	**-**	**-**	**-**	**-**	**-**	**335**
University of Texas at Austin (TX)	-	-	22,952	-	-	-	-	-	335

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
University Park Energy LLC	**-**	**-**	**1,062**	**-**	**-**	**-**	**-**	**-**	**11**
University Park (IL)	-	-	1,062	-	-	-	-	-	11
USCE-Philpott Lake	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Upton Wind IV (TX)	-	-	-	-	-		-	-	-
USX Corp	**-**	**1,913**	**57,402**	**-**	**-**	**-**	**-**	**6**	**9,352**
Gary Works (IN)	-	1,913	57,402	-	-	-	-	6	9,352
USX Corp-Fairfield Works	**-**	**-**	**14,253**	**-**	**-**	**-**	**-**	**-**	**398**
Fairfield Works (AL)	-	-	14,253	-	-	-	-	-	398
USX Corp-Mon Valley	**-**	**-**	**32,134**	**-**	**-**	**-**	**-**	**-**	**4,677**
Mon Valley Works (PA)	-	-	32,134	-	-	-	-	-	4,677
Utah City/County Health Dept	**-**	**-**	**-**	**-**	**-**	**6,268**	**-**	**-**	**-**
Upton Wind III (TX)	-	-	-	-	-	6,268	-	-	-
Valero Refining Co	**-**	**11,983**	**22,274**	**-**	**-**	**-**	**-**	**5**	**366**
Valero Refinery Corpus Christi (TX)	-	11,983	22,274	-	-	-	-	5	366
Valero-Saber	**-**	**-**	**25,597**	**-**	**-**	**-**	**-**	**-**	**438**
Corpus Christi Refinery (TX)	-	-	25,597	-	-	-	-	-	438
Vandolah Power Co LLC	**-**	**-**	**1,280**	**-**	**-**	**-**	**-**	**-**	**13**
Hardee (FL)	-	-	1,280	-	-	-	-	-	13
Vermillion Generating Stat LLC	**-**	**-**	**613**	**-**	**-**	**-**	**-**	**-**	**8**
Vermillion (IN)	-	-	613	-	-	-	-	-	8
Victory Garden Phase IV Part	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Victory Garden Phase IV (CA)	-	-	-	-	-		-	-	-
Viersen & Cochran	**213,569**	**18,412**	**-**	**-**	**-**	**-**	**97**	**37**	**-**
Indian River (DE)	213,569	3,098	-	-	-	-	97	6	-
Vienna Ops (MD)	-	15,314	-	-	-	-	-	31	-
Viking Energy Corp	**-**	**-**	**-**	**-**	**-**	**37,586**	**-**	**-**	**-**
Viking Energy Northumberland (PA)	-	-	-	-	-	12,120	-	-	-
Viking Energy of Lincoln (MI)	-	-	-	-	-	12,944	-	-	-
Viking Energy of McBain (MI)	-	-	-	-	-	12,522	-	-	-
Vineland Cogeneration LP	**-**	**159**	**7,828**	**-**	**-**	**-**	**-**	*****	**66**
Vineland Cogen (NJ)	-	159	7,828	-	-	-	-	*	66
Vintage Petroleum Inc	**-**	**-**	**-**	**-**	**-**	**454**	**-**	**-**	**-**
Flomaton Treating (AL)	-	-	-	-	-	454	-	-	-
VMSO IV Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Cabazon Wind Farm (CA)	-	-	-	-	-		-	-	-
Vulcan Materials Co	**-**	**-**	**57,476**	**-**	**-**	**-**	**-**	**-**	**777**
Geismar (LA)	-	-	57,476	-	-	-	-	-	777
Vulcan/BN Geothermal Power Co	**-**	**-**	**-**	**-**	**-**	**27,942**	**-**	**-**	**-**
Vulcan (CA)	-	-	-	-	-	27,942	-	-	-
Wadham Energy Ltd Partners	**-**	**-**	**63**	**-**	**-**	**11,493**	**-**	**-**	**1**
Wadham Energy LP (CA)	-	-	63	-	-	11,493	-	-	1
Warren Power LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Warren Peaking Power (TX)	-	-		-	-	-	-	-	
Washington State University	**1,208**	**-**	**296**	**-**	**-**	**-**	**3**	**-**	**19**
Washington State University (WA)	1,208	-	296	-	-	-	3	-	19
Weirton Steel Corp	**-**	**88**	**16,138**	**-**	**-**	**-**	**-**	**1**	**9,189**
Weirton Steel Corp (WV)	-	88	16,138	-	-	-	-	1	9,189
Wellesley College	**-**	**-**	**2,407**	**-**	**-**	**-**	**-**	**-**	**26**

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
Wellesley College Utility (MA)	-	-	2,407	-	-	-	-	-	26
Wells Project	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Gates Peaker (CA)	-	-	-	-	-	-	-	-	-
Panoche Peaker (CA)	-	-	-	-	-	-	-	-	-
West Georgia Generating Co LP	**-**	**-**	**655**	**-**	**-**	**-**	**-**	**-**	**7**
West Georgia (TX)	-	-	655	-	-	-	-	-	7
West Texas Wind Energy Partner	**-**	**-**	**-**	**-**	**-**	**13,710**	**-**	**-**	**-**
West Texas Wind Energy LLC (TX)	-	-	-	-	-	13,710	-	-	-
Westchester County IDA	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Westchester Resco (NY)	-	-	-	-	-	-	-	-	-
Westmoreland-LG&E Partners	**142,541**	**-**	**-**	**-**	**-**	**-**	**54**	**-**	**-**
Roanoke Valley 1 (NC)	105,749	-	-	-	-	-	38	-	-
Rova II (NC)	36,792	-	-	-	-	-	15	-	-
Westvaco Corp	**49,010**	**-**	**-**	**-**	**-**	**56,913**	**9**	**-**	**-**
Covington (VA)	20,750	-	-	-	-	41,514	4	-	-
Luke Mill (MD)	28,260	-	-	-	-	15,399	5	-	-
Westward Seafoods Inc	**-**	**931**	**-**	**-**	**-**	**-**	**-**	**2**	**-**
Westward Seafoods Inc (AK)	-	931	-	-	-	-	-	2	-
Westwind Trust	**-**	**-**	**-**	**-**	**-**	**1,410**	**-**	**-**	**-**
Westwind Trust (CA)	-	-	-	-	-	1,410	-	-	-
Westwood Energy Properties	**13,296**	**207**	**-**	**-**	**-**	**-**	**25**	**1**	**-**
Westwood (PA)	13,296	207	-	-	-	-	25	1	-
Weyerhaeuser Co	**-**	**9,297**	**12,718**	**-**	**-**	**123,453**	**-**	**67**	**644**
Columbus MS (MS)	-	272	1,286	-	-	46,962	-	3	66
Cosmopolis WA (WA)	-	960	-	-	-	9,927	-	6	-
Flint River Operations (GA)	-	256	-	-	-	25,157	-	2	-
Longview WA (WA)	-	-	-	-	-	-	-	-	-
New Bern NC (NC)	-	3,387	-	-	-	17,290	-	21	-
Springfield Oregon (OR)	-	-	-	-	-	-	-	-	-
Valliant OK (OK)	-	4,422	11,432	-	-	24,117	-	36	578
Weyhaeuser Co-Plymouth	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Plymouth NC (NC)	-	-	-	-	-	-	-	-	-
WFEC GENCO	**-**	**-**	**955**	**-**	**-**	**-**	**-**	**-**	**9**
WFEC GENCO (OK)	-	-	955	-	-	-	-	-	9
Wheelabrator Environmental Sys	**32,526**	**-**	**41,969**	**-**	**-**	**54,403**	**42**	**-**	**401**
Baltimore Refuse Energy System (MD)	-	-	-	-	-	-	-	-	-
Bridgeport (CT)	-	-	-	-	-	-	-	-	-
Claremont (NH)	-	-	-	-	-	-	-	-	-
Concord (NH)	-	-	-	-	-	-	-	-	-
Gloucester (NJ)	-	-	-	-	-	-	-	-	-
Hudson (CA)	-	-	-	-	-	4,505	-	-	-
Lassen (CA)	-	-	30,240	-	-	-	-	-	286
Millbury (MA)	-	-	-	-	-	-	-	-	-
North Andover (MA)	-	-	-	-	-	-	-	-	-
North Broward (FL)	-	-	-	-	-	-	-	-	-
Norwalk (CA)	-	-	11,729	-	-	-	-	-	115
Saugus (MA)	-	-	-	-	-	-	-	-	-
Shasta (CA)	-	-	-	-	-	36,865	-	-	-
Sherman (ME)	-	-	-	-	-	13,033	-	-	-
South Broward (FL)	-	-	-	-	-	-	-	-	-
Wheeler Frackville (PA)	32,526	-	-	-	-	-	42	-	-
Wheelabrator Falls Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Falls (PA)	-	-	-	-	-	-	-	-	-
Wheelabrator Martell Inc	**-**	**-**	**-**	**-**	**-**	**207**	**-**	**-**	**-**
Martell (CA)	-	-	-	-	-	207	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
White Springs Agr Chemical Inc	**-**	**278**	**-**	**-**	**-**	**-**	**-**	**2**	**-**
Suwannee River Chem Complex (FL)	-	-	-	-	-	-	-	-	-
Swift Creek Chemical Complex (FL)	-	278	-	-	-	-	-	2	-
Whitefield Power & Light Co	**-**	**-**	**-**	**-**	**-**	**6,459**	**-**	**-**	**-**
Whitefield Power & Light Co (NH)	-	-	-	-	-	6,459	-	-	-
Whiting Clean Energy Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Whiting Clean Energy (IN)	-	-	-	-	-	-	-	-	-
Willamette Industries Inc	**-**	**-**	**391**	**-**	**-**	**13,807**	**-**	**-**	**31**
Kentucky Mills (KY)	-	-	391	-	-	13,807	-	-	31
Kingsport Mill (TN)	-	-	-	-	-	-	-	-	-
Willamina Lumber Co	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Tillamook Lumber Co (OR)	-	-	-	-	-	-	-	-	-
Williamette Industries Inc	**10,774**	**157**	**29,745**	**-**	**-**	**27,477**	**12**	**1**	**429**
Albany Paper Mill (OR)	-	-	28,810	-	-	11,303	-	-	405
Johnsonburg Mill (PA)	10,774	157	935	-	-	16,174	12	1	25
Williams Field Services Co	**-**	**-**	**46,987**	**-**	**-**	**-**	**-**	**-**	**956**
Ignacio Gasoline (CO)	-	-	3,737	-	-	-	-	-	361
Milagro Cogen (NM)	-	-	43,250	-	-	-	-	-	595
Williams Gas Processing Co	**-**	**1,990**	**5,073**	**-**	**-**	**-**	**-**	**5**	**59**
Williams Refining & Marketing (TN)	-	1,990	5,073	-	-	-	-	5	59
Windland Inc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Windland Inc (CA)	-	-	-	-	-	-	-	-	-
Windpower Partners 1989 LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Montezuma Hills Windplant (CA)	-	-	-	-	-	-	-	-	-
Windpower Partners 1993 LP	**-**	**-**	**-**	**-**	**-**	**17,939**	**-**	**-**	**-**
Buffalo Ridge Windplant WPP 19 (MN)	-	-	-	-	-	5,708	-	-	-
San Gorgonio Windplant WPP93 (CA)	-	-	-	-	-	4,483	-	-	-
West Texas Windplant (TX)	-	-	-	-	-	7,748	-	-	-
Windpower Partners 91 LP	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
San Gorgonio Windplant (CA)	-	-	-	-	-	-	-	-	-
Wintec Energy Ltd	**-**	**-**	**-**	**-**	**-**	**1,781**	**-**	**-**	**-**
Wintec Energy Ltd (CA)	-	-	-	-	-	1,781	-	-	-
Wisvest Corp	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Calumet Energy Team LLC (IL)	-	-	-	-	-	-	-	-	-
Wisvest-Connecticut LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Bridgeport (CT)	-	-	-	-	-	-	-	-	-
New Haven Harbor (CT)	-	-	-	-	-	-	-	-	-
Wolf Hills Energy LLC	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Wolf Hill Energy (VA)	-	-	-	-	-	-	-	-	-
Woodland Biomass Power Ltd	**-**	**-**	**384**	**-**	**-**	**13,248**	**-**	**-**	**5**
Woodland Biomass Power Ltd (CA)	-	-	384	-	-	13,248	-	-	5
Woodstock Hills LLC	**-**	**-**	**-**	**-**	**-**	**2,667**	**-**	**-**	**-**
Woodstock Windfarm (MN)	-	-	-	-	-	2,667	-	-	-
WPS New England Generation Inc	**-**	**-36**	**-**	**714**	**-**	**-**	**-**	*	**-**
Caribou (ME)	-	-19	-	721	-	-	-	*	-
Flos Inn Diesel (ME)	-	-17	-	-	-	-	-	*	-
Squa Pan Hydro (ME)	-	-	-	-7	-	-	-	-	-
WPS Power Development Inc	**23,268**	**-**	**5,697**	**-**	**-**	**-**	**14**	**-**	**50**
CH Resources Inc Beaver Falls (NY)	-	-	995	-	-	-	-	-	10
CH Resources Niagara (NY)	23,268	-	240	-	-	-	14	-	3

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, December 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)
CH Resources Syracuse (NY)	-	-	4,462	-	-	-	-	-	37
Wrightsville Power Fac LLC	**-**	**-**	**17,066**	**-**	**-**	**-**	**-**	**-**	**143**
Wrightsville Power Facility (AR)	-	-	17,066	-	-	-	-	-	143
Yadkin Inc	**-**	**-**	**-**	**114,208**	**-**	**-**	**-**	**-**	**-**
Falls (NC)	-	-	-	16,436	-	-	-	-	-
High Rock (NC)	-	-	-	17,451	-	-	-	-	-
Narrows (NC)	-	-	-	62,068	-	-	-	-	-
Tuckertown (NC)	-	-	-	18,253	-	-	-	-	-
Yankee Caithness Joint Vent LP	**-**	**-**	**-**	**-**	**-**	**6,624**	**-**	**-**	**-**
Steamboat Hills Geothermal (NV)	-	-	-	-	-	6,624	-	-	-
Yellowstone Energy LP	**-**	**40,932**	**2**	**-**	**-**	**-**	**-**	**24**	**1**
Yellowstone Energy LP (MT)	-	40,932	2	-	-	-	-	24	1
York Cogen Facility	**-**	**-**	**4,289**	**-**	**-**	**-**	**-**	**-**	**71**
York Cogen Facility (PA)	-	-	4,289	-	-	-	-	-	71
York County Solid W & R Auth	**-**	**230**	**-**	**-**	**-**	**-**	**-**	**1**	**-**
York County Resource Recovery (PA)	-	230	-	-	-	-	-	1	-
Yuba City Cogen Partners LP	**-**	**-**	**15,037**	**-**	**-**	**-**	**-**	**-**	**145**
Yuba City Cogen (CA)	-	-	15,037	-	-	-	-	-	145
Yuma Cogeneration Associates	**-**	**-**	**42,714**	**-**	**-**	**-**	**-**	**-**	**369**
Yuma Cogen Assoc (AZ)	-	-	42,714	-	-	-	-	-	369
Zinc Corp of America	**57,541**	**-**	**99**	**-**	**-**	**-**	**25**	**-**	**1**
G F Weaton (PA)	57,541	-	99	-	-	-	25	-	1
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.

Bibliography

1. Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels, *Inventory of Power Plants in the United States*, DOE/EIA-0095(93) (Washington DC, 1994), pp. 247-248.

2. Energy Information Administration, Office of Statistical Standards, *An Assessment of the Quality of Selected EIA Data Series. Electric Power Data*, DOE/EIA-0292(89) (Washington DC, 1989).

3. Kott, P.S., "Nonresponse in a Periodic Sample Survey," *Journal of Business and Economic Statistics*, April 1987, Volume 5, Number 2, pp. 287-293.

4. Knaub, J.R., Jr., "Ratio Estimation and Approximate Optimum Stratification in Electric Power Surveys," *Proceedings of the Section on Survey Research Methods*, American Statistical Association, 1989, pp. 848-853.

5. Knaub, J.R., Jr., "More Model Sampling and Analyses Applied to Electric Power Data," *Proceedings of the Section on Survey Research Methods*, American Statistical Association, 1992, pp. 876-881.

6. Royall, R.M. (1970), "On Finite Population Sampling Theory Under Certain Linear Regression Models," *Biometrika*, 57, 377-387.

7. Royall, R.M., and W.G. Cumberland (1978), "Variance Estimation in Finite Population Sampling," *Journal of the American Statistical Association*, 73, 351-358.

8. Royall, R.M., and W.G. Cumberland (1981), "An Empirical Study of the Ratio Estimator and Estimators of Its Variance," *Journal of the American Statistical Association*, 76, 66-68.

9. Knaub, J.R., Jr., "Alternative to the Iterated Reweighted Least Squares Method: Apparent Heteroscedasticity and Linear Regression Model Sampling," *Proceedings of the International Conference on Establishment Surveys*, American Statistical Association, 1993, pp. 520-525.

10. Rao, P.S.R.S. (1992), Unpublished notes on model covariance.

11. Hansen, M.H., Hurwitz, W.N. and Madow, W.G. (1953), "Sample Survey Methods and Theory," Volume II, *Theory*, pp. 56-58.

12. Knaub, J.R., Jr., "Relative Standard Error for a Ratio of Variables at an Aggregate Level Under Model Sampling," in *Proceedings of the Section on Survey Research Methods*, American Statistical Association, 1994, pp. 310-312.

13. Knaub, J.R., Jr., "Weighted Multiple Regression Estimation for Survey Model Sampling," *InterStat* (http://interstat.stat.vt.edu), May 1996.

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. (ECAR)	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
8/02/02	Central Illinois Light Co. (MAIN)	12:43 pm	Illinois	Interruption of Firm Power	232	53,565	6:36 pm, August 2
8/09/02	Lake Worth Utils (SERC)	8:23 am	Florida	Interruption of Firm Power	51	25,000	12:13 pm, August 9
8/25/02	Pacific Gas & Elec. (WSCC)	3:41 am	California	Interruption of Firm Power	120	1 PG&E	9:17 am, August 25
8/28/02	Lakeworth Utils (SERC)	2:09 pm	Florida	Severe Weather	67.6	25,000	3:38 pm, August 28
10/03/02	Entergy Corporation (SPP)	3:33 am	Coastal Areas of Southern Louisiana	Hurricane Lily	NA	242,910	October 12
11/6/02	Pacific Gas & Electric Co. (WSCC)	10:00 pm	Northern and Central California	Winter Storm	270	939,000	Noon November 10
11/17/02	Long Island Power Authority (NPPC)	3:48 pm	Northport, NY Norwalk, CT	Cable Tripped	None	None	Unknown
11/17/02	Northeast Utilities (NPCC)	6:00 am	Northwest and North Central Connecticut	Ice Storm	NA	224,912	8:00 am November 21
12/3/02	Entergy Corporation (SPP)	6:30 pm	Arkansas	Ice Storm	NA	43,000	10:30 pm December 9
12/11/02	Dominion-Virginia Power/North Carolina Power (SERC)	1:09 pm	Northern Virginia to Fredericksburg Staunton to Harrisonburg	Winter Storm	63	130,000	10:00 pm December 13
12/14/02	Pacific Gas & Electric (WSCC)	11:00 am	Northern and Central California	Winter Storm	180	1.5 million	4:00 pm on December 19
12/19/02	Pacific Gas & Electric (WSCC)	6:00 am	Northern and Central California	Winter Storm	56	385,000	5:00 pm December 21
12/25/02	PPL Corporation (MAAC)	5:00 pm	Eastern Pennsylvania	Winter Storm	250	106,000	5:00 am December 26
12/25/02	Metropolitan Edison Co./First Energy (MAAC)	10:00 am	Reading, York, Hanover, Hamburg Pennsylvania	Winter Storm	NA	95,630	8:30 am December 27

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;

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

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:

$$\text{Weighted Average Cost} = \frac{\sum_i (R_i \times A_i \times C_i)}{\sum_i (R_i \times A_i)},$$

where I denotes a 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:

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

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, November 2002

Census Division and State	Coal (Btu per ton)[1]	Petroleum (Btu per barrel)	Gas (Btu per thousand cubic feet)
New England	**26,294,878**	**6,402,351**	**1,025,136**
Connecticut	-	-	-
Maine	-	-	-
Massachusetts	26,080,000	5,787,600	1,025,288
New Hampshire	26,324,302	6,403,308	-
Rhode Island	-	-	-
Vermont	-	-	1,005,000
Middle Atlantic	**25,860,881**	**6,386,475**	**1,029,146**
New Jersey	25,921,108	6,356,934	-
New York	26,131,110	6,388,088	1,029,146
Pennsylvania	25,494,214	5,922,000	-
East North Central	**20,946,298**	**5,975,767**	**2,916,286**
Illinois	19,466,268	5,746,973	1,034,304
Indiana	21,414,804	5,744,022	1,003,000
Michigan	19,836,431	6,271,157	3,449,981[a]
Ohio	24,000,380	5,843,159	1,024,177
Wisconsin	18,006,532	5,880,000	1,006,983
West North Central	**16,667,663**	**6,287,919**	**1,012,407**
Iowa	17,273,262	5,857,500	1,002,096
Kansas	17,112,942	6,455,540	1,014,040
Minnesota	17,773,784	5,754,000	1,002,142
Missouri	17,709,314	5,759,287	1,022,485
Nebraska	17,301,110	5,796,475	1,000,000
North Dakota	13,136,049	5,841,296	-
South Dakota	17,048,096	-	-
South Atlantic	**24,497,218**	**6,371,992**	**1,032,464**
Delaware	-	6,238,588	1,032,000
District of Columbia	-	-	-
Florida	24,810,669	6,385,701	1,032,584
Georgia	23,145,182	5,817,000	1,024,223
Maryland	-	-	-
North Carolina	24,650,238	5,806,741	1,037,000
South Carolina	25,439,982	5,812,140	1,028,000
Virginia	25,487,535	6,369,308	1,025,951
West Virginia	24,501,089	5,848,560	1,000,000
East South Central	**22,663,853**	**5,889,928**	**1,035,310**
Alabama	21,360,342	5,796,247	1,040,043
Kentucky	22,895,507	5,874,201	1,025,000
Mississippi	23,751,900	6,207,277	1,030,284
Tennessee	23,519,244	5,875,800	-
West South Central	**16,657,280**	**5,898,824**	**1,028,130**
Arkansas	17,280,034	5,903,908	1,023,390
Louisiana	15,702,682	5,905,410	1,034,232
Oklahoma	17,436,608	5,775,000	1,033,723
Texas	16,139,563	-	1,021,264
Mountain	**19,786,543**	**5,785,666**	**1,015,873**
Arizona	20,310,990	-	1,015,552
Colorado	19,715,426	5,139,120	995,119
Idaho	-	-	-
Montana	16,916,183	5,922,000	1,039,934
Nevada	22,942,454	5,842,620	1,034,251
New Mexico	18,302,410	5,712,000	1,007,902
Utah	22,610,394	5,879,582	1,052,000
Wyoming	17,483,360	5,831,469	1,049,000
Pacific Contiguous	**17,328,000**	**-**	**1,011,703**
California	-	-	1,009,748
Oregon	17,328,000	-	1,020,000
Washington	-	-	-
Pacific Noncontiguous	**-**	**-**	**1,000,000**
Alaska	-	-	1,000,000
Hawaii	-	-	-
U.S. Average	**20,295,373**	**6,358,415**	**1,046,036**

[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

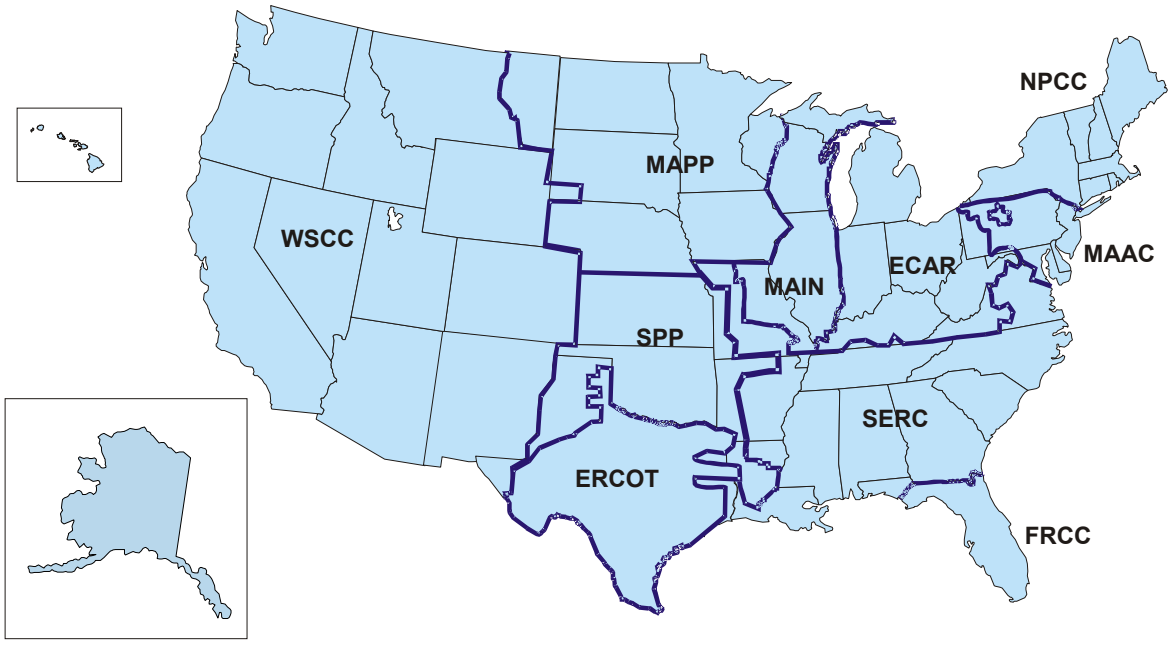
Source: Energy Information Administration.

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, December 2002

(Percent)

State	Coal	Petroleum	Gas	Hydroelectric	Nuclear	Other[1]
Alabama	-	-	-	-	-	-
Alaska	-	9.04	0.55	NM	-	NM
Arizona	-	-	-	-	-	-
Arkansas	-	0.16	-	5.38	-	-
California	-	-	1.03	0.77	-	-
Colorado	-	4.3	1.15	5.26	-	-
Connecticut	-	NM	-	NM	-	NM
Delaware	-	8.39	-	-	-	-
Florida	-	0.01	0.03	-	-	-
Georgia	0.02	-	NM	2.27	-	-
Hawaii	-	-	-	-	-	-
Idaho	-	-	-	2.51	-	-
Illinois	1.27	NM	NM	NM	-	-
Indiana	0.16	2.33	1.71	-	-	-
Iowa	0.43	NM	NM	-	-	-
Kansas	-	1.93	NM	-	-	-
Kentucky	0.13	-	-	-	-	-
Louisiana	-	-410	0.83	-	-	-
Maine	-	-	-	NM	-	-
Maryland	-	NM	-	-	-	-
Massachusetts	NM	NM	NM	NM	-	-
Michigan	0.28	1.05	3.7	NM	-	-
Minnesota	0.77	1.12	NM	3.67	-	-
Mississippi	0.53	NM	0.7	-	-	-
Missouri	-	NM	NM	NM	-	-
Montana	-	NM	-	0.5	-	-
Nebraska	-	NM	NM	0.36	-	-
Nevada	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-
New Mexico	0.32	-	4.43	NM	-	-
New York	-	0.08	0.49	1.26	-	-
North Carolina	-	-	-	0.34	-	-
North Dakota	-	-	-	-	-	-
Ohio	0.18	1.52	NM	-	-	-
Oklahoma	-	NM	0.73	-	-	-
Oregon	-	-	-	-	-	-
Pennsylvania	-	NM	NM	9.01	-	-
Rhode Island	-	NM	-	-	-	-
South Carolina	-	0.24	-	5.15	-	-
South Dakota	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-
Texas	-	NM	0.38	NM	-	-
Utah	-	NM	NM	NM	-	-
Vermont	-	NM	-	NM	-	-
Virginia	-	0.21	2.91	NM	-	-
Washington	-	-	-	0.11	-	-
West Virginia	-	-	-	-	-	-
Wisconsin	0.14	4.51	5.11	NM	-	-
Wyoming	-	-	-	8.83	-	-

[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, December 2002
(Percent)

State	Consumption		
	Coal	Petroleum	Gas
Alabama	-	-	-
Alaska	-	8.08	0.73
Arizona	-	-	-
Arkansas	-	0.19	-
California	-	-	0.95
Colorado	-	2.34	1.26
Connecticut	-	NM	-
Delaware	-	7.38	-
Florida	-	0.03	0.02
Georgia	0.05	-	NM
Hawaii	-	-	-
Idaho	-	-	-
Illinois	1.25	NM	NM
Indiana	0.19	2.2	0.87
Iowa	0.44	NM	6
Kansas	-	2.33	NM
Kentucky	0.14	-	-
Louisiana	-	NM	0.44
Maine	-	-	-
Maryland	-	NM	NM
Massachusetts	NM	NM	NM
Michigan	0.3	1.19	1.46
Minnesota	0.95	NM	NM
Mississippi	0.67	NM	0.38
Missouri	-	NM	5.32
Montana	-	NM	-
Nebraska	-	NM	NM
Nevada	-	-	-
New Hampshire	-	-	-
New Jersey	-	-	-
New Mexico	0.31	-	5.21
New York	-	0.1	0.26
North Carolina	-	-	-
North Dakota	-	-	-
Ohio	0.23	1.43	7.15
Oklahoma	-	NM	0.35
Oregon	-	-	-
Pennsylvania	-	NM	NM
Rhode Island	-	NM	-
South Carolina	-	0.16	-
South Dakota	-	-	-
Tennessee	-	-	-
Texas	-	NM	0.24
Utah	-	NM	NM
Vermont	-	NM	-
Virginia	-	0.24	1.62
Washington	-	-	-
West Virginia	-	-	-
Wisconsin	0.11	NM	1.71
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, December 2002

(Percent)

Census Division	Coal	Petroleum	Gas	Hydroelectric	Nuclear	Other[1]
New England	3.0	7.1	2.3	5.5	-	9.3
Mid Atlantic	0.4	3.5	2.6	3.9	-	4.2
East North Central	0.5	NM	7.0	NM	-	NM
West North Central	NM	NM	NM	NM	-	NM
South Atlantic	0.4	7.8	6.7	1.1	-	2.8
East South Central	1.6	NM	NM	2.1	-	8.0
West South Central	0.1	5.7	1.2	1.8	-	3.3
Mountain	0.7	NM	2.4	2.8	-	NM
Pacific Contiguous	1.5	NM	1.5	NM	-	8.0
Pacific Noncontiguous	NM	7.7	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, December 2002

(Percent)

Census Division	Consumption			Stocks	
	Coal	Petroleum	Gas	Coal	Petroleum
New England	5.6	7.7	2.7	-	-
Mid Atlantic	0.7	3.8	4.0	-	-
East North Central	0.8	NM	8.9	-	-
West North Central	NM	NM	NM	-	-
South Atlantic	1.2	9.0	5.4	-	-
East South Central	4.0	NM	NM	-	-
West South Central	0.3	NM	2.0	-	-
Mountain	1.5	NM	3.5	-	-
Pacific Contiguous	2.0	NM	2.3	-	-
Pacific Noncontiguous	NM	8.3	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.