

Electric Power Monthly January 2003

With Data for October 2002

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

**This report is available on the Web at:
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Preface

The Electric Power Monthly (EPM) presents monthly electricity statistics for a wide audience including Congress, Federal and State agencies, the electric power industry, and the general public. The purpose of this publication is to provide energy decision makers with accurate and timely information that may be used in forming perspectives on electric power issues. The EIA collected the information in this report to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (Public Law 93-275) as amended.

Background

The Electric Power Division; Office of Coal, Nuclear, Electric and Alternate Fuels, Energy Information Administration (EIA), Department of Energy prepares the EPM. This publication provides monthly statistics at the State, Census division, and U.S. levels for net generation, fossil fuel consumption and stocks, quantity and quality of fossil fuels, cost of fossil fuels, electricity retail sales, associated revenue, and average revenue per kilowatthour of electricity sold. In addition, data on net generation, fuel consumption, fuel stocks, quantity and cost of fossil fuels are also displayed for the North American Electric

Reliability Council (NERC) regions. The EPM also includes the capability of new generating units by company and plant.

Data Sources

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

Office of Coal, Nuclear, Electric and Alternate Fuels
Electric Power Industry Related Data: Available in Electronic Form
(as of September 2002)

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

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

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Monthly Update

Net Generation Year-to-Date 2002

During the first 10 months of the year, total U.S. net generation of electricity was 3,222 billion kilowatthours, 1 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, 19 percent from gas, 7 percent from hydro, 2 percent from petroleum, and 2 percent from renewables.

Net Generation and Utility Retail Sales—October 2002

Net Generation. Total U.S. net generation of electricity was 307 billion kilowatthours, 4 percent above the amount reported in October 2001. Electric utilities generated 202 billion kilowatthours (66 percent of total generation) and nonutility power producers generated 105 billion kilowatthours (34 percent of total generation). At utilities, fossil fuels (primarily coal) accounted for 73 percent of net generation, followed by 19 percent from nuclear and 7 percent from renewable resources (including hydro). At nonutilities, fossil fuels (primarily gas) accounted for 72 percent of total generation, followed by 20 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, 17 billion kilowatthours (6 percent) more than

reported in October 2001. The residential sector had sales of 94 billion kilowatthours, 10 percent more than reported in October 2001. Retail sales in the commercial were 6 percent more than reported a year ago. Sales in the industrial sector were 2 percent more than reported a year ago.

Utility Fuel Receipts, Costs, and Quality—September 2002

Coal. Receipts of coal at electric utilities totaled 58 million short tons, nearly the same amount as reported in September 2001. The year 2002 9-month 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 4 million barrels, down 3 million barrels from the level reported in September 2001. Gas receipts totaled 165 billion cubic feet (Bcf), down from 207 Bcf reported in September 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 9-month weighted average cost for petroleum was \$3.55 per million Btu, and the cost for natural gas was \$3.49 per million Btu.

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	Coletto Creek	TX	570	January 1, 2002	American Electric Power, Inc
West Texas Utilities Co	Oklahoma	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		

^aStart 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 2002¹

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

- Total annual electricity demand growth (retail sales plus industrial generation for own use and other direct sales) is expected to grow by 2.8 percent in 2002. Higher heating-related demand in the fourth quarter sharply increased electricity demand over the fourth quarter 2001 level. This followed the sharp increases seen last summer due to abnormally hot weather and high cooling demand.

- In 2003, while the economy is expected to continue to recover, electricity demand is expected to grow by a relatively subdued rate of about 1.0 percent since little or no net summer demand growth would be expected under normal level of cooling degree-days. Spring and summer 2003 growth relative to comparable 2002 levels would be particularly weak under normal weather assumptions.

- Total U.S. electricity demand is expected to be 4.4 percent higher this winter than it was last winter, due to the continuing growth of the economy, a cold start to the heating season, and assumptions of normal temperatures for the remainder of the winter, which would imply 12 percent colder conditions this winter than last.

- In 2001, total hydropower generation was down to lows not seen since 1966. In 2002, total hydro generation is expected to rise by 28 percent with normal precipitation in the Pacific Census Division (Washington, Oregon and California), the main region affected. Total oil-fired generation is projected to be down considerably, by 28 percent from last year due to considerably higher relative prices, while total natural gas-fired generation is expected to be up by 5 percent from last year's level. Total nuclear generation is expected to rise by about 1.5 percent from the 2001 level in 2002 and remain relatively flat in 2003.

Electric Supply and Demand

(Billion Kilowatthours)

	2002				Year
	1 st	2 nd	3 rd	4 th	
Supply					
Net Electricity Generation ^a					
Coal	444.8	451.0	521.8	481.2	1898.9
Petroleum	18.4	21.4	27.0	19.9	86.7
Natural Gas	118.5	130.8	192.4	132.9	574.7
Nuclear	199.2	190.1	206.9	184.5	780.7
Hydroelectric	60.0	75.4	63.4	64.0	262.7
Geothermal and Other ^b	13.2	11.7	15.5	12.4	52.7
Subtotal	854.0	880.5	1027.0	895.0	3656.4
Other Sectors ^c	39.6	48.5	49.6	57.8	195.6
Total Generation	893.6	929.0	1076.5	952.8	3852.0
Net Imports ^d	4.9	8.5	6.3	5.6	25.3
Total Supply	898.5	937.5	1082.9	958.4	3877.3
Losses and Unaccounted for ^e	22.1	51.7	24.9	78.6	177.3
Demand					
Retail Sales ^f					
Residential	312.0	280.4	384.3	293.1	1269.7
Commercial	255.8	279.5	320.8	263.3	1119.3
Industrial	227.5	243.2	258.2	236.5	965.3
Other	25.6	26.5	30.9	27.7	110.7
Subtotal	820.9	829.6	994.1	820.5	3465.1
Other Use/Sales ^g	55.5	56.1	63.9	61.0	236.5
Total Demand	876.4	885.7	1058.0	881.5	3701.6

^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.

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

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

Heating Degree-Days by Census Division, October 2002

Census Division	Number of Degree-Days			Percent Change	
	<i>Normal</i> ^a	2001	2002	Normal to 2002	2001 to 2002
New England	467	442	542	16	23
Middle Atlantic	399	322	457	14	42
East North Central	424	393	474	12	21
West North Central	325	430	610	88	42
South Atlantic	217	176	140	-36	-20
East South Central	213	247	181	-15	-27
West South Central	83	111	122	NM	NM
Mountain	360	296	145	15	40
Pacific Contiguous ^b	186	144	188	1	31
U.S. Average^b	285	262	317	11	21

^a "Normal" is based on calculations using temperature data from 1961 through 1990.

^b Excludes Alaska and Hawaii.

NM = Not meaningful.

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

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

Cooling Degree-Days by Census Division, October 2002

Census Division	Number of Degree-Days			Percent Change	
	<i>Normal</i> ^a	2001	2002	Normal to 2002	2001 to 2002
New England	1	3	10	NM	NM
Middle Atlantic	6	8	18	NM	NM
East North Central	11	3	15	NM	NM
West North Central	16	4	7	NM	NM
South Atlantic	118	107	168	42	57
East South Central	57	38	88	NM	NM
West South Central	137	116	148	8	28
Mountain	51	67	46	NM	NM
Pacific Contiguous	38	68	40	NM	NM
U.S. Average^b	52	50	66	NM	NM

^a “Normal” is based on calculations using temperature data for 1961 through 1990.

^b Excludes Alaska and Hawaii.

NM = Not meaningful.

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

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

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

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

See footnotes at end of table.

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

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

See footnotes at end of table.

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

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

See footnotes at end of table.

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

Month/ Company	Type Co.	Plant	State	Generating Unit Number	Net Summer Capability (megawatts)	Energy Source	Unit Type Code
June							
Clarksdale City of.....	U	Wilkins	MS	3	65.0	Gas	GT
				4	65.0	Gas	GT
Maquoketa City of.....	U	Maquoketa 2	IA	3	1.9	Petroleum	IC
				4	1.9	Petroleum	IC
McLeansboro City of.....	U	McLeansboro	IL	9	2.0	Petroleum	IC
Oglethorpe Pow Corp.....	U	Talbot	GA	4	102.8	Gas	GT
PacifiCorp.....	U	West Valley Generation	UT	U1	37.0	Gas	GT
				U2	37.0	Gas	GT
				U3	37.0	Gas	GT
				U4	37.0	Gas	GT
				U5	37.0	Gas	GT
Platte River Power Authority.....	U	Rawhide	CO	A	89.2	Gas	GT
Poplar Bluff City of.....	U	Poplar Bluff	MO	3	7.0	Petroleum	IC
Pub Serv Co of NM.....	U	Lordsburg Generating	NM	CT1	40.0	Gas	GT
				CT2	40.0	Gas	GT
South Carolina Elec & Gas Co.....	U	Urquhart	SC	CT1	95.0	Gas	GT
				CT2	95.0	Gas	GT
Wrangell City of.....	U	Wrangell	AK	13	2.0	Petroleum	IC
Allegheny Energy Supply Co LLC.....	N	Buchanan Generating	VA	1	42.9	Gas	GT
				2	42.9	Gas	GT
ANP Operations Co.....	N	Midlothian Energy	TX	STK5	248.5	Gas	CS
				STK6	248.5	Gas	CS
Aquila Services Inc.....	N	Raccoon Creek Energy	IL	CT01	97.0	Gas	GT
				CT02	97.0	Gas	GT
				CT03	97.0	Gas	GT
				CT04	97.0	Gas	GT
Bayswater Peaking Facility LLC.....	N	Bayswater Peaking	NY	1	49.0	Gas	GT
Bluegrass Generation Co LLC.....	N	Bluegrass Generation Co	KY	CT1	176.8	Gas	GT
				CT2	176.8	Gas	GT
				CT3	176.8	Gas	GT
Calpine Central LP.....	N	Baytown Energy Center	TX	STG1	309.6	Gas	CA
Calpine Construction F Corp LP.....	N	Decatur Energy Center,	AL	CTG1	155.0	Gas	CT
				CTG2	155.0	Gas	CT
				STG1	159.0	Gas	CA
Dominion Resources Inc.....	N	Troy Energy LLC	OH	2	146.0	Gas	GT
				3	146.0	Gas	GT
				4	146.0	Gas	GT
Duke Energy Hot Spring LLC.....	N	Duke Energy Hot Spring	AR	CT1	171.0	Gas	CT
				CT2	171.0	Gas	CT
				ST1	171.0	Gas	CT
Duke Energy Marshall Cnty LLC.....	N	Marshall County	KY	CT1	68.0	Gas	GT
				CT2	68.0	Gas	GT
				CT3	68.0	Gas	GT
				CT4	68.0	Gas	GT
				CT5	68.0	Gas	GT
Duke Energy North America LLC.....	N	Duke Energy Murray	GA	1GT1	126.4	Gas	CT
				1GT2	126.4	Gas	CT
				1STG	259.7	Gas	CA
Duke Energy Sandersville LLC.....	N	Duke Energy	GA	CT1	73.5	Gas	GT
				CT2	73.5	Gas	GT
				CT3	73.5	Gas	GT
				CT4	73.5	Gas	GT
Duke Energy Washington LLC.....	N	Washington Energy	OH	CT1	137.6	Gas	CT
				CT2	137.6	Gas	CT
				ST1	258.0	Gas	CA
Freestone Power Generation LP.....	N	Freestone Power	TX	GT1	142.0	Gas	CT
				GT2	142.0	Gas	CT
				ST3	159.0	Gas	CA
Hermiston Power Partnership.....	N	Hermiston Power Project	OR	CTG1	215.0	Gas	CT
				CTG2	215.0	Gas	CT
				STG1	267.0	Gas	CA
Mirant Sugar Creek LLC.....	N	Mirant Sugar Creek	IN	CT01	131.0	Gas	CT
				CT02	131.0	Gas	CT
NRG Rockford II LLC.....	N	NRG Rockford I Energy	IL	1	154.8	Gas	CT
				2	86.0	Gas	CA
PPL Sundance Energy LLC.....	N	Sundance Energy LLC	AZ	CT10	38.3	Gas	GT
				CT17	38.3	Gas	GT
				CT8	38.3	Gas	GT
				CT9	38.3	Gas	GT

See footnotes at end of table.

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

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

See footnotes at end of table.

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

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

See footnotes at end of table.

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

Month/ Company	Type Co.	Plant	State	Generating Unit Number	Net Summer Capacity (megawatts) ¹	Energy Source	Unit Type Code
Platte River Power Authority	U	Rawhide	CO	B	89.2	Gas	GT
Poplar Bluff City of	U	Poplar Bluff	MO	4	7.0	Petroleum	IC
ANP Operations Co	N	Hays Energy Project	TX	U3	240.8	Gas	CS
				U4	240.8	Gas	CS
Bayou Cove Peaking Power LLC	N	Bayou Cove Peaking	LA	3	94.0	Gas	GT
Calpine Corp	N	Acadia Power Station	LA	CT24	159.0	Gas	CT
				CT25	159.0	Gas	CT
				ST26	223.0	Gas	CA
Calpine Eastern Corp	N	Ontelaunee Energy	PA	CTG1	197.8	Gas	CT
				CTG2	197.8	Gas	CT
				STG	197.8	Gas	CA
Duke Energy Marshall Cnty LLC	N	Marshall County	KY	CT6	68.0	Gas	GT
				CT7	68.0	Gas	GT
				CT8	68.0	Gas	GT
Frederickson Power LP	N	Frederickson Power LP	WA	FICT	143.0	Gas	CT
				FIST	82.1	Gas	CA
Mirant Zeeland LLC	N	Mirant Zeeland	MI	2A	158.2	Gas	CT
				2B	158.2	Gas	CT
				2C	163.4	Gas	CA
Ouachita Operating Services LL	N	Ouachita	LA	CTG1	154.2	Gas	CT
				CTG2	154.2	Gas	CT
				CTG3	154.2	Gas	CT
				STG1	104.9	Gas	CA
				STG2	104.9	Gas	CA
				STG3	104.9	Gas	CA
Taft Cogeneration LP	N	Taft Cogeneration	LA	CT2	145.0	Gas	CT
TransAlta Centralia Gen LLC	N	Transalta Centralia	WA	30	40.4	Gas	CT
				40	40.4	Gas	CT
				50	40.4	Gas	CT
				60	40.4	Gas	CT
				70	68.8	Gas	CA
September							
Basin Electric Power Coop	U	Arvada	WY	1	7.5	Gas	GT
				2	7.5	Gas	GT
				3	7.5	Gas	GT
Basin Electric Power Coop	U	Barber Creek	WY	1	7.5	Gas	GT
				2	7.5	Gas	GT
				3	7.5	Gas	GT
Clarksdale City of	U	L L Wilkins	MS	1	77.0	Gas	GT
				2	77.0	Gas	GT
Ameren Energy Generating Co	N	Elgin Energy Center	IL	CT01	115.0	Gas	GT
Bio-Energy Partners	N	Ridgeview	WI	GEN1	0.8	Gas	IC
				GEN2	0.8	Gas	IC
				GEN3	0.8	Gas	IC
Biola University	N	Biola University	CA	EG3	1.0	Gas	IC
Corpus Christi Cogeneration LP	N	Corpus Christi Energy	TX	CT1	161.5	Gas	CT
Holland Energy LLC	N	Holland Energy Facility	IL	CTG1	154.0	Gas	CT
				CTG2	154.0	Gas	CT
				STG1	297.0	Gas	CA
Taft Cogeneration LP	N	Taft Cogeneration	LA	CT3	145.0	Gas	CT
University of Missouri-Columbia	N	University of Missouri-	MO	DGT1	2.0	Petroleum	IC
				NTG1	10.8	Gas	GT
				NTG2	10.8	Gas	GT
October							
Arizona Electric Power Coop	U	Apache	AZ	GT4	40.0	Gas	GT
Platte River Power Authority	U	Rawhide	CO	C	89.2	Gas	GT
Ameren Energy Generating Co	N	Elgin Energy Center	IL	CT02	115.0	Gas	GT
				CT03	115.0	Gas	GT
Black Hills Colorado LLC	N	Arapahoe Combustion	CO	UN7	44.5	Gas	CA
Corpus Christi Cogeneration LP	N	Corpus Christi Energy	TX	CT2	161.5	Gas	CT
				ST1	159.1	Gas	CA
FPL Energy Operating Serv Inc	N	FPLE Rhode Island State	RI	CTG1	168.6	Gas	CT
				CTG2	168.6	Gas	CT
				STG1	175.4	Gas	CA
Granger Electric Co	N	Brent Run Generating	MI	7-3	0.8	Gas	IC
Taft Cogeneration LP	N	Taft Cogeneration	LA	ST1	302.0	Gas	CA
Total Capacity of Newly Added Units	-	-	-	-	45,933.2	-	-
Total Capacity of Retired Units	-	-	-	-	-	-	-
US Total Capacity	-	-	-	-	901,000.2	-	-

¹ Net summer capability is estimated.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are preliminary. Final data for the year are to be released in the Inventory of Electric Utility Power Plants in the United States (DOE/EIA-0095) and Inventory of Nonutility Electric Power Plants in the United States (DOE/EOA-0095/2). • Type Companies are: U = Utility and N= Nonutility. • Unit Type Codes are: CA = Combined Cycle Steam, CC = Combined Cycle - Total Unit, CT = Combined Cycle Combustion Turbine, CW = Combined Cycle Steam Turbine - Waste Heat Boiler only, GT = Combustion (gas) Turbine, HY = Hydraulic Turbine (Conventional), IC = Internal Combustion, PV = Photovoltaic Module, ST = Steam Turbine-Boiler, WT = Wind Turbine.

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

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

Items	October 2002	September 2002	October 2001	Year To Date		
				2002	2001	Difference (percent)
Electric Power Industry						
Net Generation (Million kWh)						
Coal	159,545	166,318	149,014	1,598,742	1,610,507	-0.7
Petroleum	7,783	7,431	6,603	77,689	115,391	-32.7
Gas	55,239	68,138	56,102	601,261	559,971	7.4
Nuclear Power	60,493	64,481	60,484	649,035	639,069	1.6
Hydroelectric (Pumped Storage) ⁴	-661	-748	-629	-7,122	-7,359	-3.2
Renewable						
Hydroelectric (Conventional)	16,666	16,908	15,150	222,271	182,333	21.9
Geothermal	1,133	1,104	1,159	11,144	11,529	-3.3
Biomass	5,715	5,787	6,034	60,483	57,723	4.8
Wind	672	976	468	7,372	5,039	46.3
Photovoltaic/Solar	55	52	49	683	752	-9.2
All Energy Sources	306,642	330,448	294,434	3,221,558	3,174,954	1.5
Consumption²						
Coal (1,000 short tons)	80,439	83,424	76,774	812,887	824,648	-1.4
Petroleum (1,000 barrels) ⁵	11,764	10,834	9,778	113,227	187,671	-39.7
Gas (1,000 Mcf)	555,590	634,776	592,310	5,923,288	5,986,982	-1.1
Stocks (end-of-month)³						
Coal (1,000 short tons)	152,112	145,569	138,333	-	-	-
Petroleum (1,000 barrels) ⁶	42,677	40,673	53,290	-	-	-
Nonutility						
Net Generation (Million kWh)						
Coal	34,872	36,099	27,441	333,408	297,171	12.2
Petroleum	2,881	2,526	2,360	29,235	44,131	-33.8
Gas	37,440	45,001	33,755	396,989	326,191	21.7
Nuclear Power	21,260	22,622	19,284	223,843	191,202	17.1
Hydroelectric (Pumped Storage) ⁴	-110	-65	-92	-778	-941	-17.4
Renewable						
Hydroelectric (Conventional)	1,364	1,132	947	18,550	16,650	11.4
Geothermal	1,115	1,087	1,143	10,994	11,401	-3.6
Biomass	5,540	5,618	5,889	59,062	56,113	5.3
Wind	655	959	456	7,222	4,923	46.7
Solar	55	52	49	680	749	-9.2
All Energy Sources	105,072	115,031	91,229	1,079,205	947,588	13.9
Consumption¹						
Coal (1,000 short tons)	17,550	17,515	13,811	171,505	147,233	16.5
Petroleum (1,000 barrels) ⁵	4,206	3,208	3,434	39,469	72,380	-45.5
Gas (1,000 Mcf)	382,342	408,798	367,636	3,918,020	3,605,242	8.7
Stocks (end-of-month)³						
Coal (1,000 short tons)	36,864	35,774	30,588	-	-	-
Petroleum (1,000 barrels)	16,156	14,920	20,098	-	-	-
Electric Utility						
Net Generation (Million kWh)²						
Coal	124,674	130,218	121,573	1,265,334	1,313,336	-3.7
Petroleum ³	4,902	4,904	4,244	48,454	71,260	-32.0
Gas	17,800	23,137	22,347	204,273	233,780	-12.6
Nuclear Power	39,233	41,859	41,200	425,192	447,867	-5.1
Hydroelectric (Pumped Storage) ⁴	-551	-683	-537	-6,344	-6,417	-1.1
Renewable						
Hydroelectric (Conventional)	15,303	15,777	14,203	203,720	165,683	23.0
Geothermal	18	17	16	150	128	16.9
Biomass	175	170	145	1,421	1,610	-11.7
Wind	17	18	13	150	116	29.2
Photovoltaic	*	*	*	3	3	-0.8
All Energy Sources	201,569	215,416	203,204	2,142,353	2,227,366	-3.8
Consumption²						
Coal (1,000 short tons)	62,889	65,909	62,963	641,382	677,415	-5.3
Petroleum (1,000 barrels) ⁵	7,559	7,626	6,343	73,757	115,291	-36.0
Gas (1,000 Mcf)	173,249	225,979	224,674	2,005,268	2,381,740	-15.8
Stocks (end-of-month)³						
Coal (1,000 short tons)	115,249	109,795	107,745	-	-	-
Petroleum (1,000 barrels) ⁶	26,521	25,752	33,192	-	-	-

See footnotes at end of table.

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

Items	October 2002	September 2002	October 2001	Year To Date		
				2002	2001	Difference (percent)
Electric Utility						
Retail Sales (Million kWh)						
Residential	94,277	115,071	85,090	1,069,049	1,023,694	4.4
Commercial	95,466	100,225	89,479	948,765	916,307	3.5
Industrial	84,832	85,268	83,064	814,483	836,145	-2.6
Other ⁸	9,477	10,404	9,906	92,550	98,583	-6.1
All Sectors	284,052	310,968	267,539	2,924,848	2,874,729	1.7
Revenue (Million Dollars) ⁷						
Residential	8,062	9,922	7,537	90,595	88,107	2.8
Commercial	7,809	8,196	7,407	75,510	72,827	3.7
Industrial	4,116	4,187	4,193	39,642	42,848	-7.5
Other ⁸	632	669	663	6,095	6,356	-4.1
All Sectors	20,619	22,974	19,800	211,841	210,138	0.8
Average Revenue/kWh (Cents) ⁷						
Residential	8.55	8.62	8.86	8.47	8.61	-1.5
Commercial	8.18	8.18	8.28	7.96	7.95	0.1
Industrial	4.85	4.91	5.05	4.87	5.12	-5.0
Other ⁸	6.67	6.43	6.70	6.59	6.45	2.1
All Sectors	7.26	7.39	7.40	7.24	7.31	-0.9
	September 2002⁹	August 2002⁹	September 2001⁹	Year To Date		
				2002⁹	2001⁹	Difference (percent)
Receipts						
Coal (1,000 short tons)	58,245	61,386	57,998	509,062	573,442	-11.2
Petroleum (1,000 barrels) ¹⁰	3,955	6,934	7,017	45,245	98,242	-53.9
Gas (1,000 Mcf)	165,108	205,148	207,491	1,307,513	1,752,182	-25.4
Cost (cents/million Btu) ¹¹						
Coal	123.0	123.4	123.4	122.1	123.5	-1.1
Petroleum ¹²	385.4	389.3	358.1	354.9	407.4	-12.9
Gas ¹³	367.6	338.4	295.5	349.2	483.0	-27.7

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 October 2002 was 2,246 million kilowatthours.

⁵ The October 2002 petroleum coke consumption was 132,110 short tons for electric utilities and 290,330 short tons for nonutilities.

⁶ The October 2002 petroleum coke stocks were 336,440 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 September 2002 petroleum coke receipts were 233,810 short tons.

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

¹² The September 2002 petroleum coke cost was 68.9 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 October 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
Total	1,265,334	48,454	204,273	425,192	197,376	150	1,574	2,142,353
Year to Date								
2002	1,265,334	48,454	204,273	425,192	197,376	150	1,574	2,142,353
2001	1,313,336	71,260	233,780	447,867	159,266	128	1,729	2,227,366
2000	1,413,354	56,116	255,330	593,382	213,294	126	1,788	2,533,390

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 October 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
Total	1,936,908	1,265,334	48,454	204,273	425,192	-6,344
Year to Date						
2002	1,936,908	1,265,334	48,454	204,273	425,192	-6,344
2001	2,059,826	1,313,336	71,260	233,780	447,867	-6,417
2000	2,314,011	1,413,354	56,116	255,330	593,382	-4,171

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 October 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 October 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
Total	205,444,244	203,720,488	150,039	1,421,154	149,502	3,061	NA
Year to Date							
2002	205,444,244	203,720,488	150,039	1,421,154	149,502	3,061	NA
2001	167,540,396	165,683,004	128,386	1,610,237	115,684	3,085	NA
2000	219,378,887	217,464,922	125,953	1,763,218	22,433	2,361	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	October 2002	September 2002	October 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR.....	38,946	40,058	36,960	406,090	400,340	1.4
ERCOT.....	6,844	9,172	15,176	88,125	184,344	-52.2
FRCC.....	15,013	15,314	13,493	139,231	140,357	-0.8
MAAC.....	199	160	244	2,101	3,599	-41.6
MAIN.....	9,366	9,811	9,974	97,335	104,110	-6.5
MAPP (U.S.).....	15,615	15,545	14,019	152,881	141,944	7.7
NPCC (U.S.).....	4,811	4,943	6,310	51,724	70,174	-26.3
SERC.....	51,180	55,414	48,305	541,754	530,552	2.1
SPP.....	24,370	27,790	23,837	267,191	273,224	-2.2
WSCC (U.S.).....	34,184	36,229	33,898	385,844	368,921	4.6
Contiguous U.S.....	200,528	214,435	202,216	2,132,275	2,217,565	-3.8
Alaska.....	444	415	447	4,551	4,446	2.4
Hawaii.....	596	565	542	5,526	5,355	3.2
Noncontiguous U.S.....	1,041	981	989	10,077	9,801	2.8
U.S. Total.....	201,569	215,416	203,204	2,142,353	2,227,366	-3.8

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	October 2002	September 2002	October 2001	Year to Date		
				2002	2001	Difference (percent)
New England	1,449	1,388	1,742	15,644	18,790	-16.7
Connecticut	16	15	3	148	2,812	-94.7
Maine	*	*	*	4	4	2.6
Massachusetts	127	153	144	1,269	1,337	-5.0
New Hampshire	1,257	1,171	1,172	11,369	10,708	6.2
Rhode Island	1	1	1	7	10	-30.2
Vermont	48	46	423	2,846	3,919	-27.4
Mid Atlantic	5,903	6,046	6,885	62,390	75,791	-17.7
New Jersey	138	161	84	1,356	1,519	-10.7
New York	3,362	3,555	4,561	36,079	51,377	-29.8
Pennsylvania	2,403	2,329	2,240	24,955	22,895	9.0
East North Central	34,286	35,724	34,140	355,251	363,387	-2.2
Illinois	1,358	1,487	2,156	18,005	25,332	-28.9
Indiana	9,205	10,003	9,482	93,588	96,209	-2.7
Michigan	8,370	8,687	7,397	82,946	82,097	1.0
Ohio	10,806	10,822	10,696	115,065	113,420	1.5
Wisconsin	4,546	4,725	4,409	45,646	46,329	-1.5
West North Central	24,434	24,868	22,574	241,072	229,752	4.9
Iowa	3,356	3,194	3,101	33,315	32,445	2.7
Kansas	3,998	4,042	3,516	38,794	37,595	3.2
Minnesota	5,061	4,906	3,939	43,773	36,974	18.4
Missouri	6,361	7,042	6,486	67,064	65,702	2.1
Nebraska	2,521	2,569	2,620	26,037	26,033	*
North Dakota	2,703	2,490	2,314	25,609	24,842	3.1
South Dakota	435	624	597	6,480	6,162	5.2
South Atlantic	51,426	54,026	44,774	523,272	506,396	3.3
Delaware	8	6	117	141	1,606	-91.2
District of Columbia	-	-	-	-	-	*
Florida	15,909	16,297	13,996	146,610	146,574	*
Georgia	9,031	10,320	7,668	96,227	93,962	2.4
Maryland	2	2	5	26	77	-65.7
North Carolina	9,809	9,795	8,504	95,764	93,487	2.4
South Carolina	6,972	8,130	6,788	78,773	73,179	7.6
Virginia	4,441	4,853	4,412	52,929	52,981	-0.1
West Virginia	5,254	4,624	3,283	52,800	44,530	18.6
East South Central	26,152	28,302	27,254	285,375	290,659	-1.8
Alabama	9,809	10,531	9,752	101,237	99,720	1.5
Kentucky	5,650	6,460	6,644	67,870	70,864	-4.2
Mississippi	3,622	3,667	3,975	38,747	41,227	-6.0
Tennessee	7,071	7,643	6,883	77,521	78,848	-1.7
West South Central	21,674	26,691	30,277	252,347	352,342	-28.4
Arkansas	3,242	3,962	3,740	36,294	37,052	-2.0
Louisiana	4,218	4,701	3,638	43,494	43,368	0.3
Oklahoma	3,741	4,464	4,001	43,001	42,935	0.2
Texas	10,473	13,565	18,897	129,558	228,987	-43.4
Mountain	21,438	22,764	21,450	226,347	233,284	-3.0
Arizona	6,030	6,779	5,837	68,029	72,599	-6.3
Colorado	3,437	3,282	3,272	34,495	34,853	-1.0
Idaho	428	623	408	7,296	5,813	25.5
Montana	313	397	320	5,721	3,675	55.7
Nevada	1,966	2,166	2,326	20,829	23,709	-12.1
New Mexico	2,591	2,696	2,635	25,191	27,123	-7.1
Utah	3,054	3,156	3,122	29,814	29,211	2.1
Wyoming	3,620	3,666	3,533	34,972	36,347	-3.8
Pacific Contiguous	13,768	14,627	13,520	170,577	146,570	16.4
California	5,402	6,472	5,753	62,973	59,529	5.8
Oregon	2,863	2,785	2,723	33,326	31,485	5.8
Washington	5,503	5,370	5,043	74,277	55,555	33.7
Pacific Noncontiguous	1,041	981	989	10,077	9,801	2.8
Alaska	444	415	447	4,551	4,446	2.4
Hawaii	596	565	542	5,526	5,355	3.2
U.S. Total	201,569	215,416	203,204	2,142,353	2,227,366	-3.8

* = 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	October 2002	September 2002	October 2001	Year to Date				
				Coal Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	NM	NM	465	3,941	3,947	-0.1	25.2	21.0
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	NM	NM	102	904	904	*	71.2	67.6
New Hampshire	266	256	363	3,037	3,043	-0.2	26.7	28.4
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Mid Atlantic	1,406	1,494	1,473	15,430	14,435	6.9	24.7	19.0
New Jersey	144	169	NM	1,192	1,311	-9.1	87.9	86.3
New York	166	152	NM	1,335	1,657	-19.4	3.7	3.2
Pennsylvania	1,096	1,173	1,242	12,903	11,466	12.5	51.7	50.1
East North Central	28,856	30,349	29,052	300,043	309,533	-3.1	84.5	85.2
Illinois	1,339	1,466	2,097	17,588	24,804	-29.1	97.7	97.9
Indiana	8,999	9,750	9,403	91,417	94,911	-3.7	97.7	98.7
Michigan	5,271	5,609	5,018	54,271	56,247	-3.5	65.4	68.5
Ohio	9,961	10,068	9,070	104,566	99,747	4.8	90.9	87.9
Wisconsin	3,285	3,456	3,463	32,201	33,824	-4.8	70.5	73.0
West North Central	19,179	19,047	17,126	185,687	177,902	4.4	77.0	77.4
Iowa	2,827	2,801	2,694	28,343	28,178	0.6	85.1	86.8
Kansas	3,026	2,989	2,524	29,360	26,640	10.2	75.7	70.9
Minnesota	3,616	3,470	2,599	30,194	25,328	19.2	69.0	68.5
Missouri	5,612	5,752	5,283	54,523	54,295	0.4	81.3	82.6
Nebraska	1,452	1,534	1,570	16,348	16,792	-2.6	62.8	64.5
North Dakota	2,582	2,343	2,227	24,291	23,677	2.6	94.9	95.3
South Dakota	65	158	230	2,628	2,993	-12.2	40.6	48.6
South Atlantic	28,171	28,524	23,834	278,993	277,663	0.5	53.3	54.8
Delaware	-	-	NM	-	1,398	-	-	87.0
District of Columbia	-	-	-	-	-	-	-	-
Florida	4,884	4,345	5,247	43,866	53,870	-18.6	29.9	36.8
Georgia	6,691	7,199	4,999	66,982	63,066	6.2	69.6	67.1
Maryland	-	-	-	-	-	-	-	-
North Carolina	6,158	6,515	5,345	59,496	58,561	1.6	62.1	62.6
South Carolina	2,749	3,184	2,426	30,813	31,323	-1.6	39.1	42.8
Virginia	2,469	2,682	2,446	25,422	25,344	0.3	48.0	47.8
West Virginia	5,221	4,600	3,261	52,415	44,100	18.9	99.3	99.0
East South Central	17,840	19,528	17,624	186,820	193,892	-3.6	65.5	66.7
Alabama	6,552	6,708	5,971	59,068	60,703	-2.7	58.3	60.9
Kentucky	5,380	6,169	6,206	63,689	67,035	-5.0	93.8	94.6
Mississippi	1,869	1,930	1,510	14,425	16,663	-13.4	37.2	40.4
Tennessee	4,039	4,721	3,937	49,638	49,492	0.3	64.0	62.8
West South Central	12,381	14,228	15,134	132,185	167,378	-21.0	52.4	47.5
Arkansas	2,097	2,221	2,128	19,168	20,363	-5.9	52.8	55.0
Louisiana	986	1,176	909	9,458	8,829	7.1	21.7	20.4
Oklahoma	2,645	2,761	2,585	27,444	26,753	2.6	63.8	62.3
Texas	6,653	8,070	9,511	76,116	111,433	-31.7	58.8	48.7
Mountain	16,057	16,290	16,732	159,105	164,428	-3.2	70.3	70.5
Arizona	3,053	3,074	3,539	31,015	33,461	-7.3	45.6	46.1
Colorado	2,929	2,743	2,619	29,084	29,549	-1.6	84.3	84.8
Idaho	-	-	-	-	-	-	-	-
Montana	19	24	29	224	255	-12.3	3.9	6.9
Nevada	1,233	1,416	1,705	13,639	14,794	-7.8	65.5	62.4
New Mexico	2,370	2,449	2,353	22,503	23,644	-4.8	89.3	87.2
Utah	2,876	2,973	3,012	28,405	27,460	3.4	95.3	94.0
Wyoming	3,577	3,610	3,475	34,235	35,263	-2.9	97.9	97.0
Pacific Contiguous	411	392	412	2,960	3,668	-19.3	1.7	2.5
California	-	-	-	-	-	-	-	-
Oregon	411	392	412	2,960	3,668	-19.3	8.9	11.6
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	18	18	11	170	160	6.7	1.7	1.6
Alaska	18	18	11	170	160	6.7	3.7	3.6
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	124,674	130,218	121,573	1,265,334	1,313,336	-3.7	59.1	59.0

* = 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. • 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	October 2002	September 2002	October 2001	Year to Date				
				Petroleum Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	103	64	59	491	580	-15.3	3.1	3.1
Connecticut	NM	NM	NM	7	11	-35.6	4.7	0.4
Maine	-	-	-	-	-	-	-	-
Massachusetts	NM	NM	NM	40	128	-68.8	3.2	9.6
New Hampshire	98	58	52	430	400	7.5	3.8	3.7
Rhode Island	NM	NM	NM	7	10	-30.2	100.0	100.0
Vermont	NM	NM	NM	7	31	-76.0	0.3	0.8
Mid Atlantic	444	404	321	6,007	8,542	-29.7	9.6	11.3
New Jersey	2	3	NM	195	227	-14.5	14.3	15.0
New York	441	395	314	5,776	8,295	-30.4	16.0	16.1
Pennsylvania	NM	6	NM	37	19	89.6	0.1	0.1
East North Central	133	138	100	1,757	1,582	11.1	0.5	0.4
Illinois	NM	6	NM	42	91	-53.9	0.2	0.4
Indiana	34	14	22	422	320	31.9	0.5	0.3
Michigan	56	70	NM	845	665	27.0	1.0	0.8
Ohio	29	29	33	305	358	-14.8	0.3	0.3
Wisconsin	NM	18	NM	144	148	-2.9	0.3	0.3
West North Central	143	148	130	1,560	1,823	-14.5	0.6	0.8
Iowa	NM	NM	NM	45	91	-50.6	0.1	0.3
Kansas	30	32	NM	433	579	-25.3	1.1	1.5
Minnesota	61	57	52	515	483	6.6	1.2	1.3
Missouri	45	48	57	518	568	-8.8	0.8	0.9
Nebraska	NM	NM	NM	15	24	-37.4	0.1	0.1
North Dakota	4	4	3	30	27	9.7	0.1	0.1
South Dakota	1	*	NM	4	51	-91.9	0.1	0.8
South Atlantic	3,325	3,468	2,922	31,639	40,855	-22.6	6.0	8.1
Delaware	NM	5	NM	127	176	-27.8	89.8	10.9
District of Columbia	-	-	-	-	-	-	-	-
Florida	3,222	3,348	2,811	27,710	35,417	-21.8	18.9	24.2
Georgia	16	9	8	178	263	-32.1	0.2	0.3
Maryland	NM	NM	NM	23	76	-69.2	89.6	99.6
North Carolina	19	7	13	324	385	-15.9	0.3	0.4
South Carolina	8	11	15	157	209	-24.6	0.2	0.3
Virginia	36	73	52	2,932	4,122	-28.9	5.5	7.8
West Virginia	15	13	NM	187	207	-9.5	0.4	0.5
East South Central	36	27	46	412	5,794	-92.9	0.1	2.0
Alabama	11	6	10	113	238	-52.6	0.1	0.2
Kentucky	7	9	7	98	94	4.8	0.1	0.1
Mississippi	7	NM	NM	27	5,119	-99.5	0.1	12.4
Tennessee	11	10	28	175	344	-49.3	0.2	0.4
West South Central	48	16	20	183	4,012	-95.4	0.1	1.1
Arkansas	8	10	4	93	573	-83.8	0.3	1.5
Louisiana	35	3	NM	61	1,574	-96.1	0.1	3.6
Oklahoma	NM	NM	NM	9	143	-94.0	*	0.3
Texas	NM	NM	14	21	1,722	-98.8	*	0.8
Mountain	NM	17	28	184	1,461	-87.4	0.1	0.6
Arizona	5	2	2	47	304	-84.6	0.1	0.4
Colorado	NM	1	NM	19	147	-86.8	0.1	0.4
Idaho	*	-	*	*	4	-	*	0.1
Montana	NM	NM	NM	*	1	-	*	*
Nevada	2	4	14	23	905	-97.5	0.1	3.8
New Mexico	2	5	1	22	25	-14.2	0.1	0.1
Utah	NM	NM	NM	38	47	-18.1	0.1	0.2
Wyoming	4	2	4	35	29	23.6	0.1	0.1
Pacific Contiguous	4	7	6	50	575	-91.3	*	0.4
California	4	5	4	40	310	-87.1	0.1	0.5
Oregon	-	*	*	6	87	-93.5	*	0.3
Washington	*	2	2	5	178	-97.4	*	0.3
Pacific Noncontiguous	650	615	603	6,170	6,039	2.2	61.2	61.6
Alaska	NM	50	64	654	701	-6.7	14.4	15.8
Hawaii	596	565	539	5,516	5,337	3.3	99.8	99.7
U.S. Total	4,902	4,904	4,244	48,454	71,260	-32.0	2.3	3.2

* = 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. • 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	October 2002	September 2002	October 2001	Year to Date				
				Gas Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	45	67	56	312	247	26.3	2.0	1.3
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	NM	48	NM	223	196	13.7	17.5	14.6
New Hampshire	18	19	24	86	40	113.3	0.8	0.4
Rhode Island	-	-	-	-	-	-	-	-
Vermont	*	*	*	3	10	-73.3	0.1	0.3
Mid Atlantic	941	1,256	1,094	9,538	7,316	30.4	15.3	9.7
New Jersey	4	5	2	91	101	-9.4	6.7	6.6
New York	937	1,251	1,092	9,445	7,214	30.9	26.2	14.0
Pennsylvania	NM	NM	NM	1	1	-2.8	*	*
East North Central	313	677	460	5,324	4,019	32.5	1.5	1.1
Illinois	NM	NM	NM	321	383	-16.0	1.8	1.5
Indiana	126	214	10	1,410	502	180.8	1.5	0.5
Michigan	100	221	340	1,953	2,011	-2.9	2.4	2.4
Ohio	NM	108	NM	768	331	131.8	0.7	0.3
Wisconsin	39	123	55	872	792	10.1	1.9	1.7
West North Central	NM	737	NM	6,311	6,306	0.1	2.6	2.7
Iowa	NM	NM	26	387	404	-4.4	1.2	1.2
Kansas	NM	NM	NM	1,705	1,774	-3.9	4.4	4.7
Minnesota	NM	87	NM	565	350	61.1	1.3	0.9
Missouri	86	385	242	3,189	3,174	0.5	4.8	4.8
Nebraska	NM	NM	NM	381	302	26.0	1.5	1.2
North Dakota	*	*	-	*	*	NM	*	*
South Dakota	1	11	NM	85	300	-71.7	1.3	4.9
South Atlantic	5,639	6,711	4,552	55,392	34,629	60.0	10.6	6.8
Delaware	1	1	2	14	33	-55.8	10.2	2.0
District of Columbia	-	-	-	-	-	-	-	-
Florida	5,369	5,812	4,038	46,877	30,541	53.5	32.0	20.8
Georgia	NM	116	74	1,177	1,162	1.3	1.2	1.2
Maryland	NM	NM	NM	3	*	NM	10.4	0.4
North Carolina	70	250	45	1,864	982	89.8	1.9	1.1
South Carolina	93	303	90	3,402	188	1,709.0	4.3	0.3
Virginia	89	229	304	2,053	1,720	19.4	3.9	3.2
West Virginia	*	*	NM	3	3	-14.7	*	*
East South Central	1,777	2,493	2,418	26,667	18,341	45.4	9.3	6.3
Alabama	743	994	873	9,890	6,685	48.0	9.8	6.7
Kentucky	21	89	20	660	285	131.9	1.0	0.4
Mississippi	1,013	1,410	1,524	16,102	11,367	41.7	41.6	27.6
Tennessee	*	*	-	14	5	171.1	*	*
West South Central	5,612	7,578	9,753	70,598	118,014	-40.2	28.0	33.5
Arkansas	132	187	149	1,639	1,730	-5.3	4.5	4.7
Louisiana	1,637	2,095	1,586	19,739	18,716	5.5	45.4	43.2
Oklahoma	1,019	1,670	1,306	13,812	14,000	-1.3	32.1	32.6
Texas	2,824	3,627	6,713	35,408	83,568	-57.6	27.3	36.5
Mountain	2,126	2,054	1,923	17,964	22,931	-21.7	7.9	9.8
Arizona	685	619	572	4,850	8,479	-42.8	7.1	11.7
Colorado	483	474	498	4,443	4,081	8.9	12.9	11.7
Idaho	3	1	-	36	-	NM	0.5	-
Montana	*	1	*	6	10	-34.8	0.1	0.3
Nevada	604	589	501	5,240	5,760	-9.0	25.2	24.3
New Mexico	206	225	270	2,431	3,232	-24.8	9.6	11.9
Utah	127	129	62	808	1,136	-28.9	2.7	3.9
Wyoming	18	17	20	149	232	-35.9	0.4	0.6
Pacific Contiguous	871	1,332	1,646	9,767	19,248	-49.3	5.7	13.1
California	664	1,043	966	7,488	10,631	-29.6	11.9	17.9
Oregon	142	181	436	1,405	4,491	-68.7	4.2	14.3
Washington	65	107	244	873	4,127	-78.8	1.2	7.4
Pacific Noncontiguous	248	231	241	2,401	2,449	-2.0	23.8	25.0
Alaska	248	231	241	2,401	2,449	-2.0	52.7	55.1
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	17,800	23,137	22,347	204,273	233,780	-12.6	9.5	10.5

* = 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. • 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	October 2002	September 2002	October 2001	Year to Date				
				Hydroelectric Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	NM	NM	NM	667	610	9.3	4.3	3.2
Connecticut	NM	NM	NM	25	24	2.6	16.8	0.9
Maine	NM	NM	NM	4	4	2.6	100.0	100.0
Massachusetts	NM	NM	NM	102	109	-5.9	8.1	8.1
New Hampshire	12	7	10	216	196	10.1	1.9	1.8
Rhode Island	-	-	-	-	-	-	-	-
Vermont	NM	NM	NM	320	277	15.4	11.2	7.1
Mid Atlantic	1,496	1,400	1,409	16,929	14,885	13.7	27.1	19.6
New Jersey	-12	-15	-8	-121	-120	0.7	-8.9	-7.9
New York	1,453	1,420	1,445	16,423	14,436	13.8	45.5	28.1
Pennsylvania	56	-5	NM	628	569	10.4	2.5	2.5
East North Central	388	255	281	3,236	2,763	17.1	0.9	0.8
Illinois	NM	NM	NM	54	46	16.4	0.3	0.2
Indiana	46	25	48	340	477	-28.7	0.4	0.5
Michigan	NM	NM	NM	463	267	73.4	0.6	0.3
Ohio	38	24	33	391	415	-5.7	0.3	0.4
Wisconsin	254	199	NM	1,988	1,558	27.5	4.4	3.4
West North Central	773	901	712	8,630	6,899	25.1	3.6	3.0
Iowa	87	88	73	774	690	12.2	2.3	2.1
Kansas	-	-	-	-	-	-	-	-
Minnesota	75	77	41	643	505	27.3	1.5	1.4
Missouri	NM	NM	39	1,211	813	49.0	1.8	1.2
Nebraska	104	106	110	956	934	2.3	3.7	3.6
North Dakota	117	144	84	1,288	1,138	13.2	5.0	4.6
South Dakota	367	454	364	3,758	2,818	33.4	58.0	45.7
South Atlantic	336	152	NM	2,273	2,787	-18.4	0.4	0.6
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	15	12	9	141	127	11.2	0.1	0.1
Georgia	143	107	106	1,423	1,679	-15.2	1.5	1.8
Maryland	-	-	NM	-	-	-	-	-
North Carolina	233	193	162	1,704	1,550	9.9	1.8	1.7
South Carolina	NM	-56	36	-47	112	-142.2	-0.1	0.2
Virginia	-75	-113	-271	-1,123	-875	28.4	-2.1	-1.7
West Virginia	17	9	NM	176	193	-9.1	0.3	0.4
East South Central	1,302	1,167	1,540	14,460	15,171	-4.7	5.1	5.2
Alabama	585	479	489	5,999	6,951	-13.7	5.9	7.0
Kentucky	242	193	411	3,423	3,451	-0.8	5.0	4.9
Mississippi	-	-	-	-	-	-	-	-
Tennessee	475	495	640	5,038	4,769	5.6	6.5	6.0
West South Central	303	369	279	5,828	5,318	9.6	2.3	1.5
Arkansas	198	279	125	3,271	2,191	49.3	9.0	5.9
Louisiana	-	-	-	-	-	-	-	-
Oklahoma	75	32	110	1,736	2,038	-14.8	4.0	4.7
Texas	NM	NM	43	820	1,089	-24.7	0.6	0.5
Mountain	1,335	1,764	1,546	23,313	20,632	13.0	10.3	8.8
Arizona	405	466	520	6,548	6,653	-1.6	9.6	9.2
Colorado	20	61	149	901	1,043	-13.7	2.6	3.0
Idaho	425	622	408	7,259	5,809	25.0	99.5	99.9
Montana	294	372	291	5,490	3,409	61.1	96.0	92.8
Nevada	128	157	106	1,928	2,249	-14.3	9.3	9.5
New Mexico	NM	NM	NM	235	221	6.5	0.9	0.8
Utah	NM	NM	NM	413	439	-5.8	1.4	1.5
Wyoming	20	36	33	539	810	-33.5	1.5	2.2
Pacific Contiguous	8,644	8,930	7,604	120,705	89,119	35.4	70.8	60.8
California	1,767	2,257	1,808	25,969	21,541	20.6	41.2	36.2
Oregon	2,311	2,212	1,875	28,956	23,239	24.6	86.9	73.8
Washington	4,567	4,460	3,921	65,781	44,338	48.4	88.6	79.8
Pacific Noncontiguous	NM	NM	NM	1,334	1,151	15.9	13.2	11.7
Alaska	NM	NM	NM	1,326	1,136	16.7	29.1	25.5
Hawaii	*	*	2	8	15	-45.2	0.2	0.3
U.S. Total	14,752	15,093	13,666	197,376	159,266	23.9	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 October was 2,246 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	October 2002	September 2002	October 2001	Year to Date				
				Nuclear Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	862	832	1,108	9,967	13,095	-23.9	63.7	69.7
Connecticut	-	-	-	-	2,630	-	-	93.5
Maine	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-
New Hampshire	862	832	723	7,600	7,029	8.1	66.8	65.6
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	385	2,367	3,436	-31.1	83.2	87.7
Mid Atlantic	1,616	1,491	2,588	14,487	30,615	-52.7	23.2	40.4
New Jersey	-	-	-	-	-	-	-	-
New York	367	337	1,563	3,100	19,775	-84.3	8.6	38.5
Pennsylvania	1,249	1,155	1,025	11,386	10,840	5.0	45.6	47.3
East North Central	4,564	4,273	4,213	44,614	45,193	-1.3	12.6	12.4
Illinois	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-
Michigan	2,896	2,782	1,916	25,391	22,894	10.9	30.6	27.9
Ohio	742	592	1,555	9,035	12,569	-28.1	7.9	11.1
Wisconsin	925	899	742	10,188	9,729	4.7	22.3	21.0
West North Central	4,063	3,990	4,168	38,460	36,422	5.6	16.0	15.9
Iowa	416	256	300	3,731	3,036	22.9	11.2	9.4
Kansas	887	850	887	7,296	8,602	-15.2	18.8	22.9
Minnesota	1,241	1,179	1,202	11,519	9,997	15.2	26.3	27.0
Missouri	588	819	859	7,581	6,810	11.3	11.3	10.4
Nebraska	931	884	920	8,334	7,977	4.5	32.0	30.6
North Dakota	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	13,943	15,158	13,403	154,841	150,330	3.0	29.6	29.7
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	2,411	2,772	1,880	27,916	26,514	5.3	19.0	18.1
Georgia	2,164	2,889	2,481	26,467	27,792	-4.8	27.5	29.6
Maryland	-	-	-	-	-	-	-	-
North Carolina	3,330	2,830	2,938	32,377	32,009	1.1	33.8	34.2
South Carolina	4,117	4,686	4,222	44,436	41,347	7.5	56.4	56.5
Virginia	1,922	1,982	1,882	23,646	22,669	4.3	44.7	42.8
West Virginia	-	-	-	-	-	-	-	-
East South Central	5,197	5,087	5,626	57,015	57,460	-0.8	20.0	19.8
Alabama	1,918	2,346	2,409	26,166	25,144	4.1	25.8	25.2
Kentucky	-	-	-	-	-	-	-	-
Mississippi	733	324	939	8,194	8,078	1.4	21.1	19.6
Tennessee	2,546	2,417	2,278	22,655	24,238	-6.5	29.2	30.7
West South Central	3,329	4,500	5,091	43,554	57,619	-24.4	17.3	16.4
Arkansas	807	1,264	1,333	12,124	12,196	-0.6	33.4	32.9
Louisiana	1,560	1,427	1,142	14,236	14,249	-0.1	32.7	32.9
Oklahoma	-	-	-	-	-	-	-	-
Texas	962	1,809	2,616	17,194	31,174	-44.8	13.3	13.6
Mountain	1,880	2,615	1,200	25,543	23,675	7.9	11.3	10.1
Arizona	1,880	2,615	1,200	25,543	23,675	7.9	37.5	32.6
Colorado	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-
Pacific Contiguous	3,779	3,912	3,802	36,711	33,459	9.7	21.5	22.8
California	2,949	3,150	2,961	29,307	26,865	9.1	46.5	45.1
Oregon	-	-	-	-	-	-	-	-
Washington	830	761	841	7,404	6,594	12.3	10.0	11.9
Pacific Noncontiguous	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	39,233	41,859	41,200	425,192	447,867	-5.1	19.8	20.1

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. • 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	October 2002	September 2002	October 2001	Year to Date				
				Other Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	35	36	12	266	312	-14.8	1.7	1.7
Connecticut	NM	NM	-	116	147	-21.0	78.5	5.2
Maine	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-
Vermont	22	23	12	149	165	-9.3	5.2	4.2
Mid Atlantic	-	-	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-	-	-
New York	-	-	-	-	-	-	-	-
Pennsylvania	-	-	-	-	-	-	-	-
East North Central	32	32	35	278	298	-6.7	0.1	0.1
Illinois	-	-	-	-	8	-	-	*
Indiana	-	-	-	-	-	-	-	-
Michigan	1	2	1	24	13	86.4	*	*
Ohio	-	-	-	-	-	-	-	-
Wisconsin	31	31	33	254	277	-8.3	0.6	0.6
West North Central	48	46	43	423	401	5.7	0.2	0.2
Iowa	3	3	5	36	45	-19.3	0.1	0.1
Kansas	-	-	-	-	-	-	-	-
Minnesota	37	36	33	338	311	8.6	0.8	0.8
Missouri	7	6	5	42	42	2.1	0.1	0.1
Nebraska	*	*	*	2	2	2.8	*	*
North Dakota	-	-	-	-	-	-	-	-
South Dakota	*	*	*	5	1	533.6	0.1	*
South Atlantic	10	12	13	134	132	1.0	*	*
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	8	8	12	101	106	-4.8	0.1	0.1
Georgia	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-
South Carolina	1	1	-	13	-	-	*	-
Virginia	-	-	-	-	-	-	-	-
West Virginia	1	3	1	20	26	-24.9	*	0.1
East South Central	-	-	-	-	-	-	-	-
Alabama	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-
West South Central	-	-	-	-	-	-	-	-
Arkansas	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-
Mountain	25	25	4	238	28	760.4	0.1	*
Arizona	2	2	4	26	28	-5.4	*	*
Colorado	4	4	3	47	32	46.0	0.1	0.1
Idaho	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-
Utah	-	-	-	150	-	-	0.5	-
Wyoming	1	1	1	15	14	9.4	*	*
Pacific Contiguous	58	54	49	384	501	-23.5	0.2	0.3
California	18	16	14	169	183	-7.4	0.3	0.3
Oregon	-	-	-	-	-	-	-	-
Washington	40	38	35	214	318	-32.7	0.3	0.6
Pacific Noncontiguous	NM	NM	*	2	3	-32.3	*	*
Alaska	NM	NM	*	*	1	-	*	*
Hawaii	*	*	*	1	2	-23.5	*	*
U.S. Total	210	205	158	1,724	1,729	-0.3	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 October 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
Total	-	603,935	37,447	641,382	11,569	62,189	73,757	1,494	2,005,268
Year to Date									
2002	-	603,935	37,447	641,382	11,569	62,189	73,757	1,494	2,005,268
2001	-	618,600	58,815	677,415	19,574	95,716	115,291	1,136	2,381,740
2000	NA	651,696	62,945	714,641	14,818	77,671	92,489	978	2,675,930

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	October 2002	September 2002	October 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR.....	15,253	15,940	14,667	159,905	159,599	0.2
ERCOT.....	2,941	3,614	5,273	33,170	62,015	-46.5
FRCC.....	1,667	1,589	2,014	16,572	19,985	-17.1
MAAC.....	67	76	NM	560	1,201	-53.4
MAIN.....	4,394	4,538	4,701	44,185	48,842	-9.5
MAPP (U.S.).....	7,423	7,353	7,170	75,137	74,628	0.7
NPCC (U.S.).....	NM	211	253	2,177	2,307	-5.6
SERC.....	13,750	14,589	12,144	138,924	137,466	1.1
SPP.....	8,902	9,748	8,265	90,658	89,026	1.8
WSCC (U.S.).....	8,262	8,231	8,367	79,929	82,198	-2.8
Contiguous U.S.....	62,872	65,891	62,952	641,216	677,267	-5.3
Alaska.....	18	18	10	166	148	12.4
Hawaii.....	-	-	-	-	-	-
Noncontiguous U.S.....	18	18	10	166	148	12.4
U.S. Total.....	62,889	65,909	62,963	641,382	677,415	-5.3

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 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	October 2002	September 2002	October 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR.....	221	251	189	3,098	2,841	9.1
ERCOT.....	6	4	28	35	3,084	-98.9
FRCC.....	4,802	5,047	4,000	40,715	54,444	-25.2
MAAC.....	18	23	37	615	896	-31.4
MAIN.....	24	17	16	433	564	-23.1
MAPP (U.S.).....	32	47	32	514	836	-38.5
NPCC (U.S.).....	928	816	667	10,966	15,288	-28.3
SERC.....	212	218	217	6,483	9,508	-31.8
SPP.....	163	94	51	1,290	13,937	-90.7
WSCC (U.S.).....	38	47	61	430	4,467	-90.4
Contiguous U.S.....	6,444	6,563	5,298	63,085	104,730	-39.8
Alaska.....	96	93	118	1,187	1,282	-7.4
Hawaii.....	1,018	969	928	9,485	9,278	2.2
Noncontiguous U.S.....	1,114	1,063	1,045	10,672	10,561	1.1
U.S. Total.....	7,559	7,626	6,343	73,757	115,291	-36.0

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. • 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	October 2002	September 2002	October 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR.....	4,043	7,550	4,693	58,976	42,642	38.3
ERCOT.....	16,001	20,105	55,219	216,753	677,795	-68.0
FRCC.....	43,798	44,494	36,801	382,570	271,265	41.0
MAAC.....	71	81	77	1,370	1,589	-13.8
MAIN.....	672	1,832	1,387	16,169	14,868	8.8
MAPP (U.S.).....	1,411	3,666	654	34,413	17,349	98.4
NPCC (U.S.).....	10,304	13,935	12,101	102,645	78,851	30.2
SERC.....	12,720	19,107	17,371	183,172	119,815	52.9
SPP.....	52,174	77,856	57,972	707,872	691,485	2.4
WSCC (U.S.).....	29,210	34,748	35,548	275,399	439,656	-37.4
Contiguous U.S.....	170,404	223,374	221,822	1,979,340	2,355,313	-16.0
Alaska.....	2,844	2,604	2,852	25,928	26,427	-1.9
Hawaii.....	*	*	*	-	-	-
Noncontiguous U.S.....	2,844	2,604	2,852	25,928	26,427	-1.9
U.S. Total.....	173,249	225,979	224,674	2,005,268	2,381,740	-15.8

* = 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	October 2002	September 2002	October 2001	Year to Date		
				2002	2001	Difference (percent)
New England	NM	NM	191	1,617	1,627	-0.6
Connecticut	-	-	-	-	-	-
Maine	-	-	-	-	-	-
Massachusetts	NM	NM	41	367	366	0.1
New Hampshire	108	110	150	1,251	1,260	-0.8
Rhode Island	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Mid Atlantic	597	535	583	6,381	6,023	5.9
New Jersey	67	76	NM	560	608	-7.9
New York	69	64	NM	560	678	-17.4
Pennsylvania	461	395	484	5,261	4,737	11.1
East North Central	14,110	14,993	14,488	146,368	152,608	-4.1
Illinois	719	810	1,189	9,832	13,822	-28.9
Indiana	4,416	4,952	4,675	44,898	46,788	-4.0
Michigan	2,713	2,815	2,668	27,523	28,363	-3.0
Ohio	4,264	4,327	3,852	44,660	43,363	3.0
Wisconsin	1,999	2,088	2,104	19,455	20,273	-4.0
West North Central	11,753	11,790	10,981	117,419	114,471	2.6
Iowa	1,821	1,809	1,683	18,202	17,849	2.0
Kansas	1,927	1,918	1,612	18,806	16,922	11.1
Minnesota	1,612	1,554	1,541	15,677	15,055	4.1
Missouri	3,254	3,431	3,097	32,272	31,957	1.0
Nebraska	885	968	979	10,054	10,495	-4.2
North Dakota	2,208	2,004	1,925	20,763	20,360	2.0
South Dakota	47	106	144	1,646	1,834	-10.3
South Atlantic	11,415	11,550	9,758	114,499	113,604	0.8
Delaware	-	-	NM	-	612	-
District of Columbia	-	-	-	-	-	-
Florida	1,981	1,902	2,229	18,999	22,623	-16.0
Georgia	2,868	2,855	2,133	28,118	26,542	5.9
Maryland	-	-	-	-	-	-
North Carolina	2,383	2,561	2,084	23,389	23,128	1.1
South Carolina	1,105	1,254	962	12,137	12,409	-2.2
Virginia	982	1,087	971	10,256	10,153	1.0
West Virginia	2,096	1,891	1,331	21,599	18,137	19.1
East South Central	8,081	8,820	7,954	84,257	87,317	-3.5
Alabama	3,086	3,139	2,766	27,554	28,635	-3.8
Kentucky	2,420	2,855	2,845	29,295	30,597	-4.3
Mississippi	826	847	642	6,381	7,330	-12.9
Tennessee	1,749	1,979	1,702	21,026	20,755	1.3
West South Central	7,865	9,112	10,095	84,307	112,505	-25.1
Arkansas	1,250	1,371	1,313	11,750	12,442	-5.6
Louisiana	655	782	615	6,475	6,194	4.5
Oklahoma	1,590	1,695	1,557	16,689	16,179	3.2
Texas	4,370	5,264	6,610	49,393	77,690	-36.4
Mountain	8,673	8,725	8,807	84,670	86,907	-2.6
Arizona	1,592	1,598	1,788	15,793	16,971	-6.9
Colorado	1,624	1,517	1,423	15,847	16,128	-1.7
Idaho	-	-	-	-	-	-
Montana	19	24	26	222	255	-13.0
Nevada	596	652	769	6,463	6,786	-4.8
New Mexico	1,338	1,387	1,346	12,669	13,272	-4.5
Utah	1,325	1,322	1,283	12,656	11,954	5.9
Wyoming	2,178	2,225	2,171	21,021	21,540	-2.4
Pacific Contiguous	233	218	221	1,699	2,072	-18.0
California	-	-	-	-	-	-
Oregon	233	218	221	1,699	2,072	-18.0
Washington	-	-	-	-	-	-
Pacific Noncontiguous	18	18	10	166	148	12.4
Alaska	18	18	10	166	148	12.4
Hawaii	-	-	-	-	-	-
U.S. Total	62,889	65,909	62,963	641,382	677,415	-5.3

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 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	October 2002	September 2002	October 2001	Year to Date		
				2002	2001	Difference (percent)
New England	186	125	116	966	1,155	-16.4
Connecticut	NM	NM	NM	17	28	-39.5
Maine	-	-	-	-	-	-
Massachusetts	NM	NM	NM	83	253	-67.2
New Hampshire	176	111	101	831	772	7.6
Rhode Island	NM	NM	NM	11	17	-34.4
Vermont	NM	NM	NM	24	84	-72.0
Mid Atlantic	745	714	562	10,426	14,605	-28.6
New Jersey	1	11	NM	363	439	-17.4
New York	742	691	547	10,000	14,132	-29.2
Pennsylvania	NM	11	NM	63	34	87.5
East North Central	209	230	179	2,720	2,743	-0.8
Illinois	NM	NM	NM	68	181	-62.3
Indiana	34	21	36	368	386	-4.7
Michigan	109	137	81	1,792	1,360	31.8
Ohio	55	55	50	518	699	-25.9
Wisconsin	NM	23	NM	154	211	-27.3
West North Central	100	104	64	1,270	2,007	-36.7
Iowa	NM	NM	NM	105	203	-48.4
Kansas	54	59	NM	784	1,078	-27.3
Minnesota	NM	NM	NM	243	378	-35.6
Missouri	NM	NM	NM	353	452	-21.9
Nebraska	NM	NM	NM	36	60	-38.7
North Dakota	7	7	5	57	52	10.0
South Dakota	2	1	NM	13	105	-87.2
South Atlantic	5,007	5,259	4,181	46,170	62,582	-26.2
Delaware	NM	8	NM	211	311	-32.2
District of Columbia	-	-	-	-	-	-
Florida	4,891	5,141	4,108	40,727	54,464	-25.2
Georgia	38	20	17	384	546	-29.7
Maryland	NM	NM	NM	40	148	-72.6
North Carolina	44	18	24	671	806	-16.8
South Carolina	18	21	25	297	446	-33.3
Virginia	60	119	80	4,555	6,267	-27.3
West Virginia	26	22	NM	278	315	-11.7
East South Central	71	52	80	724	9,898	-92.7
Alabama	21	11	15	196	497	-60.5
Kentucky	15	18	12	179	170	5.3
Mississippi	15	NM	NM	56	8,393	-99.3
Tennessee	21	18	51	293	838	-65.0
West South Central	82	32	40	352	7,314	-95.2
Arkansas	15	21	9	184	1,012	-81.9
Louisiana	55	5	NM	106	2,707	-96.1
Oklahoma	NM	NM	NM	17	251	-93.2
Texas	NM	NM	28	45	3,344	-98.6
Mountain	34	33	54	353	3,271	-89.2
Arizona	12	5	4	89	645	-86.1
Colorado	NM	2	NM	45	312	-85.5
Idaho	*	-	*	*	7	-
Montana	NM	NM	NM	1	2	-46.7
Nevada	4	7	26	42	2,111	-98.0
New Mexico	3	8	3	37	51	-27.9
Utah	NM	NM	NM	69	86	-20.6
Wyoming	9	4	8	70	56	25.2
Pacific Contiguous	10	15	12	103	1,163	-91.1
California	9	11	8	82	633	-87.1
Oregon	-	*	*	13	171	-92.2
Washington	*	4	4	8	358	-97.7
Pacific Noncontiguous	1,114	1,063	1,045	10,672	10,561	1.1
Alaska	NM	93	118	1,187	1,282	-7.4
Hawaii	1,018	969	928	9,485	9,278	2.2
U.S. Total	7,559	7,626	6,343	73,757	115,291	-36.0

* = 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 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	October 2002	September 2002	October 2001	Year to Date		
				2002	2001	Difference (percent)
New England	483	728	627	3,346	2,615	27.9
Connecticut	-	-	-	-	-	-
Maine	-	-	-	-	-	-
Massachusetts	285	506	NM	2,323	2,007	15.7
New Hampshire	194	219	292	993	498	99.5
Rhode Island	-	-	-	-	-	-
Vermont	4	3	3	30	110	-73.0
Mid Atlantic	9,880	13,271	11,498	100,415	77,448	29.7
New Jersey	58	63	24	1,106	1,204	-8.2
New York	9,821	13,207	11,474	99,300	76,234	30.3
Pennsylvania	NM	NM	NM	9	10	-5.3
East North Central	4,396	8,224	5,728	65,672	53,922	21.8
Illinois	NM	NM	NM	3,041	3,854	-21.1
Indiana	1,312	1,690	107	12,562	5,395	132.8
Michigan	2,001	3,342	4,314	28,258	28,610	-1.2
Ohio	482	1,446	NM	10,142	4,997	103.0
Wisconsin	518	1,629	778	11,669	11,065	5.5
West North Central	2,612	7,637	3,946	65,061	66,378	-2.0
Iowa	371	739	260	6,118	5,229	17.0
Kansas	NM	NM	NM	20,163	21,426	-5.9
Minnesota	NM	892	NM	6,128	4,837	26.7
Missouri	770	3,192	1,981	26,785	26,683	0.4
Nebraska	392	NM	NM	4,629	3,795	22.0
North Dakota	*	-	-	1	3	-69.8
South Dakota	28	148	NM	1,237	4,404	-71.9
South Atlantic	47,728	53,972	41,311	472,253	312,268	51.2
Delaware	11	15	22	237	421	-43.8
District of Columbia	-	-	-	-	-	-
Florida	45,100	46,433	36,812	396,504	272,355	45.6
Georgia	217	1,282	774	13,227	12,159	8.8
Maryland	NM	NM	NM	18	3	444.8
North Carolina	788	2,023	607	17,653	10,793	63.6
South Carolina	780	2,295	804	26,846	2,210	1,114.5
Virginia	829	1,918	2,291	17,742	14,295	24.1
West Virginia	3	3	NM	27	30	-10.3
East South Central	16,327	22,960	21,332	238,106	165,375	44.0
Alabama	6,016	7,903	6,847	77,683	54,212	43.3
Kentucky	256	1,082	239	8,095	3,708	118.3
Mississippi	10,054	13,976	14,247	152,100	107,407	41.6
Tennessee	1	*	-	228	47	384.2
West South Central	60,091	82,062	103,220	758,192	1,239,512	-38.8
Arkansas	1,430	2,030	1,542	18,457	19,416	-4.9
Louisiana	18,709	23,836	18,152	220,737	207,201	6.5
Oklahoma	10,242	16,979	12,494	140,279	142,175	-1.3
Texas	29,709	39,218	71,032	378,719	870,720	-56.5
Mountain	20,611	21,453	19,446	179,598	245,704	-26.9
Arizona	6,845	6,803	6,219	51,027	95,595	-46.6
Colorado	4,045	3,962	4,480	37,536	39,509	-5.0
Idaho	37	11	-	448	-	-
Montana	1	9	1	98	146	-32.3
Nevada	5,758	6,545	4,834	52,788	59,314	-11.0
New Mexico	2,268	2,465	2,913	26,532	34,937	-24.1
Utah	1,475	1,483	804	9,684	13,892	-30.3
Wyoming	181	174	196	1,483	2,311	-35.8
Pacific Contiguous	8,277	13,067	15,659	96,696	190,704	-49.3
California	6,507	10,607	9,458	76,325	107,047	-28.7
Oregon	1,154	1,554	3,847	12,506	38,997	-67.9
Washington	617	906	2,354	7,865	44,660	-82.4
Pacific Noncontiguous	2,844	2,604	2,852	25,928	26,427	-1.9
Alaska	2,844	2,604	2,852	25,928	26,427	-1.9
Hawaii	-	-	-	-	-	-
U.S. Total	173,249	225,979	224,674	2,005,268	2,381,740	-15.8

* = 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 October 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

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	October 2002	September 2002	October 2001	Monthly Difference (percent)	Yearly Difference (percent)
ECAR.....	29,893	28,322	26,990	5.5	10.8
ERCOT.....	4,718	4,485	7,028	5.2	-32.9
FRCC.....	4,040	4,122	3,208	-2.0	25.9
MAAC.....	141	143	211	-1.1	-33.1
MAIN.....	11,426	9,365	10,175	22.0	12.3
MAPP (U.S.).....	12,737	12,585	11,246	1.2	13.3
NPCC (U.S.).....	568	539	462	5.4	23.0
SERC.....	20,301	20,163	20,086	0.7	1.1
SPP.....	18,710	17,457	15,871	7.2	17.9
WSCC (U.S.).....	12,714	12,614	12,468	0.8	2.0
Contiguous U.S.....	115,249	109,795	107,745	5.0	7.0
Alaska.....	-	-	-	-	-
Hawaii.....	-	-	-	-	-
Noncontiguous U.S.....	-	-	-	-	-
U.S. Total.....	115,249	109,795	107,745	5.0	7.0

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	October 2002	September 2002	October 2001	Monthly Difference (percent)	Yearly Difference (percent)
ECAR.....	1,893	1,977	2,686	-4.2	-29.5
ERCOT.....	1,154	1,164	3,286	-0.8	-64.9
FRCC.....	7,085	6,571	8,024	7.8	-11.7
MAAC.....	222	212	188	5.0	18.2
MAIN.....	305	309	423	-1.4	-28.0
MAPP (U.S.).....	780	785	832	-0.6	-6.3
NPCC (U.S.).....	3,507	3,119	4,043	12.4	-13.2
SERC.....	4,155	4,224	5,283	-1.6	-21.3
SPP.....	3,786	3,867	4,530	-2.1	-16.4
WSCC (U.S.).....	2,362	2,258	2,424	4.6	-2.6
Contiguous U.S.....	25,251	24,486	31,720	3.1	-20.4
Alaska.....	207	212	244	-2.3	-15.3
Hawaii.....	1,064	1,055	1,228	0.8	-13.4
Noncontiguous U.S.....	1,271	1,267	1,472	0.3	-13.7
U.S. Total.....	26,521	25,752	33,192	3.0	-20.1

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

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

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

Census Division	October 2002	September 2002	October 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	425	422	355	0.6	19.6
Mid Atlantic.....	1,717	1,442	1,445	19.1	18.8
East North Central.....	30,829	27,955	28,889	10.3	6.7
West North Central.....	22,596	21,843	18,847	3.4	19.9
South Atlantic.....	20,385	21,240	19,755	-4.0	3.2
East South Central.....	11,729	10,494	10,112	11.8	16.0
West South Central.....	14,315	13,182	15,424	8.6	-7.2
Mountain.....	13,007	12,932	12,763	0.6	1.9
Pacific Contiguous.....	246	285	161	-13.6	52.6
Pacific Noncontiguous.....	-	-	-	-	-
U.S. Total.....	115,249	109,795	107,745	5.0	7.0

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	October 2002	September 2002	October 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	457	420	705	9.0	-35.1
Mid Atlantic.....	3,235	2,890	3,475	11.9	-6.9
East North Central.....	1,900	1,988	2,755	-4.4	-31.0
West North Central.....	2,070	2,090	1,772	-0.9	16.8
South Atlantic.....	10,531	10,054	12,534	4.7	-16.0
East South Central.....	1,578	1,607	2,034	-1.8	-22.4
West South Central.....	3,148	3,210	6,012	-1.9	-47.6
Mountain.....	1,176	1,070	1,194	9.9	-1.5
Pacific Contiguous.....	1,155	1,158	1,199	-0.3	-3.7
Pacific Noncontiguous.....	1,271	1,267	1,472	0.3	-13.7
U.S. Total.....	26,521	25,752	33,192	3.0	-20.1

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

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

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

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

Period	Coal ¹		Petroleum				Gas		All Fossil Fuels ²
	Receipts (thousand short tons)	Cost (cents/10 ⁶ Btu)	Heavy Oil ³		Total		Receipts (thousand Mcf)	Cost (cents/10 ⁶ Btu)	Cost (cents/10 ⁶ Btu)
			Receipts (thousand barrels)	Cost (cents/10 ⁶ Btu)	Receipts (thousand barrels)	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
2001⁴									
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
2002⁴									
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
Total	509,062	122.1	42,302	344.5	45,245	354.9	1,307,513	349.2	153.1
Year to Date									
2002⁴	509,062	122.1	42,302	344.5	45,245	354.9	1,307,513	349.2	153.1
2001⁴	573,442	123.5	89,963	386.9	98,242	407.4	1,752,182	483.0	182.6
2000	605,675	120.1	65,066	418.5	69,218	430.4	2,147,554	384.2	168.0

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	September 2002 ¹	August 2002 ¹	September 2001 ¹	Year to Date		
				2002 ¹	2001 ¹	Difference (percent)
ECAR.....	12,892	12,984	11,725	110,208	130,347	-15.5
ERCOT.....	1,848	1,698	5,934	15,676	54,524	-71.2
FRCC.....	2,088	1,745	1,837	14,192	16,945	-16.3
MAAC.....	69	75	2	367	253	44.9
MAIN.....	4,474	4,653	4,772	40,707	43,706	-6.9
MAPP (U.S.).....	6,391	7,285	6,648	61,202	59,787	2.4
NPCC (U.S.).....	236	301	200	1,681	1,855	-9.4
SERC.....	13,733	15,307	13,462	120,249	119,995	0.2
SPP.....	7,836	8,145	8,003	71,798	72,254	-0.6
WSCC (U.S.).....	8,680	9,193	5,416	72,983	73,777	-1.1
Contiguous U.S.....	58,245	61,386	57,998	509,062	573,442	-11.2
Alaska.....	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-
Noncontiguous U.S.....	-	-	-	-	-	-
U.S. Total.....	58,245	61,386	57,998	509,062	573,442	-11.2

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	September 2002 ¹	August 2002 ¹	September 2001 ¹	Year to Date		
				2002 ¹	2001 ¹	Difference (percent)
ECAR.....	122.4	123.6	123.2	122.3	122.2	0.1
ERCOT.....	114.0	115.6	128.2	116.8	129.3	-9.7
FRCC.....	182.2	179.1	180.1	174.7	172.2	1.4
MAAC.....	243.8	235.4	187.0	238.2	163.6	45.6
MAIN.....	102.9	103.2	105.2	105.2	107.0	-1.7
MAPP (U.S.).....	84.9	86.7	83.7	86.5	82.4	5.1
NPCC (U.S.).....	175.8	177.9	172.2	177.6	154.6	14.9
SERC.....	150.5	150.9	149.5	149.9	149.2	0.5
SPP.....	97.3	98.8	99.2	99.5	106.2	-6.3
WSCC (U.S.).....	105.5	104.9	104.8	105.2	109.3	-3.8
Contiguous U.S.....	123.0	123.4	123.4	122.1	123.5	-1.1
Alaska.....	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-
Noncontiguous U.S.....	-	-	-	-	-	-
U.S. Average.....	123.0	123.4	123.4	122.1	123.5	-1.1

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	September 2002 ¹	August 2002 ¹	September 2001 ¹	Year to Date		
				2002 ¹	2001 ¹	Difference (percent)
ECAR.....	142	170	253	1,548	2,940	-47.3
ERCOT.....	-	-	-	-	1,880	NM
FRCC.....	2,854	4,425	4,880	29,819	48,373	-38.4
MAAC.....	102	117	2	606	1,111	-45.5
MAIN.....	13	22	26	169	307	-44.9
MAPP (U.S.).....	17	23	13	142	224	-36.6
NPCC (U.S.).....	610	1,173	877	7,767	13,409	-42.1
SERC.....	82	912	435	4,227	6,919	-38.9
SPP.....	109	69	500	731	12,256	-94.0
WSCC (U.S.).....	27	23	32	236	1,341	-82.4
Contiguous U.S.....	3,955	6,934	7,017	45,245	88,760	-49.0
Alaska.....	-	-	-	-	-	-
Hawaii.....	-	-	-	-	9,482	NM
Noncontiguous U.S.....	-	-	-	-	9,482	-100.0
U.S. Total.....	3,955	6,934	7,017	45,245	98,242	-53.9

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. • 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	September 2002 ¹	August 2002 ¹	September 2001 ¹	Year to Date		
				2002 ¹	2001 ¹	Difference (percent)
ECAR.....	497.7	394.6	548.7	373.1	505.9	-26.3
ERCOT.....	-	-	-	-	679.4	NM
FRCC.....	383.5	382.1	357.9	351.6	373.7	-5.9
MAAC.....	165.6	601.2	564.0	404.8	384.6	5.3
MAIN.....	646.6	601.3	775.0	490.8	610.2	-19.6
MAPP (U.S.).....	564.2	588.2	699.2	526.9	652.3	-19.2
NPCC (U.S.).....	371.9	373.9	327.3	336.1	367.2	-8.5
SERC.....	523.7	411.0	388.5	386.9	415.4	-6.9
SPP.....	354.8	285.4	252.7	313.6	412.9	-24.1
WSCC (U.S.).....	701.7	597.0	640.3	555.1	697.4	-20.4
Contiguous U.S.....	385.4	389.3	358.1	354.9	397.8	-10.8
Alaska.....	-	-	-	-	-	-
Hawaii.....	-	-	-	-	497.8	NM
Noncontiguous U.S.....	-	-	-	-	497.8	NM
U.S. Average.....	385.4	389.3	358.1	354.9	407.4	-12.9

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	September 2002 ¹	August 2002 ¹	September 2001 ¹	Year to Date		
				2002 ¹	2001 ¹	Difference (percent)
ECAR.....	2,491	2,639	2,056	20,088	19,842	1.2
ERCOT.....	7,848	9,070	62,569	41,267	600,779	-93.1
FRCC.....	33,492	40,861	31,864	274,955	178,554	54.0
MAAC.....	15	63	-	237	293	-19.1
MAIN.....	379	479	300	6,301	5,031	25.3
MAPP (U.S.).....	883	817	264	6,219	4,478	38.9
NPCC (U.S.).....	9,611	11,731	13,751	67,549	66,534	1.5
SERC.....	13,529	18,219	8,620	115,498	48,932	136.0
SPP.....	67,525	90,455	65,143	568,931	543,604	4.7
WSCC (U.S.).....	28,715	29,691	22,355	196,206	276,635	-29.1
Contiguous U.S.....	164,487	204,025	206,923	1,297,252	1,744,681	-25.6
Alaska.....	621	1,123	568	10,261	7,501	36.8
Hawaii.....	-	-	-	-	-	-
Noncontiguous U.S.....	621	1,123	568	10,261	7,501	36.8
U.S. Total.....	165,108	205,148	207,491	1,307,513	1,752,182	-25.4

¹ Data for 2002 and 2001 are preliminary.

Notes: • Totals may not equal the 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 32. Average Cost of Gas Delivered to Electric Utilities by NERC Region and Hawaii
(Cents/Million Btu)

NERC Region and Hawaii	September 2002 ¹	August 2002 ¹	September 2001 ¹	Year to Date		
				2002 ¹	2001 ¹	Difference (percent)
ECAR.....	374.9	322.9	295.8	343.8	433.4	-20.7
ERCOT.....	328.1	307.7	268.3	318.0	441.4	-28.0
FRCC.....	397.6	378.8	356.1	380.8	517.3	-26.4
MAAC.....	404.3	390.3	-	346.0	616.7	-43.9
MAIN.....	393.4	325.4	383.5	347.6	483.6	-28.1
MAPP (U.S.).....	429.2	361.6	331.6	364.6	513.2	-28.9
NPCC (U.S.).....	388.3	370.5	281.9	362.3	445.9	-18.7
SERC.....	376.3	350.6	288.1	338.6	456.6	-25.8
SPP.....	358.2	317.7	243.1	327.9	448.7	-26.9
WSCC (U.S.).....	354.8	340.3	448.2	380.7	642.1	-40.7
Contiguous U.S.....	368.2	339.1	295.5	350.0	484.0	-27.7
Alaska.....	211.6	211.6	275.9	249.0	241.5	3.1
Hawaii.....	-	-	-	-	-	-
Noncontiguous U.S.....	211.6	211.6	275.9	249.0	241.5	3.1
U.S. Average.....	367.6	338.4	295.5	349.2	483.0	-27.7

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, September 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	-	-	179	4,826	-	-	-	-	179	4,826
Connecticut	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	9	232	-	-	-	-	9	232
New Hampshire	-	-	170	4,593	-	-	-	-	170	4,593
Rhode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	-	-	201	5,183	-	-	-	-	201	5,183
New Jersey	-	-	69	1,797	-	-	-	-	69	1,797
New York	-	-	57	1,478	-	-	-	-	57	1,478
Pennsylvania	-	-	75	1,908	-	-	-	-	75	1,908
East North Central	-	-	6,167	145,168	5,429	96,624	-	-	11,596	241,791
Illinois	-	-	347	7,401	435	7,602	-	-	781	15,003
Indiana	-	-	3,083	69,911	1,228	21,753	-	-	4,312	91,665
Michigan	-	-	977	24,829	2,249	40,894	-	-	3,226	65,723
Ohio	-	-	1,658	40,592	-	-	-	-	1,658	40,592
Wisconsin	-	-	102	2,435	1,517	26,374	-	-	1,618	28,809
West North Central	-	-	240	5,615	9,247	160,045	1,913	24,870	11,400	190,531
Iowa	-	-	42	912	1,899	32,379	-	-	1,942	33,291
Kansas	-	-	35	736	1,785	30,527	-	-	1,819	31,263
Minnesota	-	-	-	-	1,417	25,165	-	-	1,417	25,165
Missouri	-	-	163	3,967	3,031	52,883	-	-	3,194	56,850
Nebraska	-	-	-	-	951	16,422	-	-	951	16,422
North Dakota	-	-	-	-	92	1,460	1,913	24,870	2,005	26,330
South Dakota	-	-	-	-	71	1,209	-	-	71	1,209
South Atlantic	-	-	11,227	279,097	567	9,916	-	-	11,794	289,013
Delaware	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	-	-	2,301	56,898	-	-	-	-	2,301	56,898
Georgia	-	-	2,034	50,415	510	8,903	-	-	2,544	59,318
Maryland	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	2,222	55,171	-	-	-	-	2,222	55,171
South Carolina	-	-	1,305	33,109	-	-	-	-	1,305	33,109
Virginia	-	-	1,015	25,916	-	-	-	-	1,015	25,916
West Virginia	-	-	2,349	57,587	57	1,013	-	-	2,406	58,601
East South Central	-	-	6,319	149,668	1,555	27,196	-	-	7,874	176,864
Alabama	-	-	1,572	37,412	998	17,436	-	-	2,570	54,848
Kentucky	-	-	2,182	50,755	95	1,671	-	-	2,277	52,425
Mississippi	-	-	364	8,612	-	-	-	-	364	8,612
Tennessee	-	-	2,201	52,889	462	8,090	-	-	2,664	60,979
West South Central	-	-	-	-	5,665	98,081	857	11,551	6,522	109,633
Arkansas	-	-	-	-	1,209	20,971	-	-	1,209	20,971
Louisiana	-	-	-	-	206	3,599	377	5,189	583	8,788
Oklahoma	-	-	-	-	1,460	25,376	-	-	1,460	25,376
Texas	-	-	-	-	2,789	48,136	480	6,363	3,269	54,498
Mountain	-	-	3,504	77,196	4,963	89,296	24	317	8,491	166,808
Arizona	-	-	693	15,046	651	12,331	-	-	1,344	27,377
Colorado	-	-	506	11,023	1,160	21,247	-	-	1,666	32,270
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	498	8,427	24	317	522	8,743
Nevada	-	-	766	17,269	-	-	-	-	766	17,269
New Mexico	-	-	-	-	624	12,200	-	-	624	12,200
Utah	-	-	1,369	30,462	-	-	-	-	1,369	30,462
Wyoming	-	-	170	3,396	2,030	35,091	-	-	2,200	38,487
Pacific Contiguous	-	-	-	-	189	3,308	-	-	189	3,308
California	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	189	3,308	-	-	189	3,308
Washington	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-
U.S. Total	-	-	27,836	666,753	27,615	484,466	2,794	36,738	58,245	1,187,957

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	September 2002 Receipts		September 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	179	4,826	112	2,870	32,174	33,425	185.0	162.5
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	9	232	-	-	2,530	-	227.0	-
New Hampshire	170	4,593	112	2,870	29,644	33,425	181.4	162.5
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	201	5,183	90	2,357	39,797	32,297	159.9	130.4
New Jersey	69	1,797	2	57	9,563	557	238.2	187.0
New York	57	1,478	88	2,300	12,189	14,872	158.1	137.1
Pennsylvania	75	1,908	-	-	18,044	16,868	119.5	122.7
East North Central	11,596	241,791	11,997	246,726	2,170,261	2,604,524	119.7	121.1
Illinois	781	15,003	1,164	21,948	196,306	235,174	117.3	118.0
Indiana	4,312	91,665	3,186	66,552	650,077	802,156	115.6	113.0
Michigan	3,226	65,723	2,970	60,524	482,015	512,084	132.3	127.4
Ohio	1,658	40,592	2,420	56,345	541,411	737,921	119.3	133.9
Wisconsin	1,618	28,809	2,258	41,357	300,453	317,189	110.6	104.1
West North Central	11,400	190,531	11,061	186,119	1,721,695	1,730,188	88.2	88.8
Iowa	1,942	33,291	2,104	36,390	280,474	281,605	86.7	80.4
Kansas	1,819	31,263	1,844	32,403	261,738	278,717	98.5	101.8
Minnesota	1,417	25,165	1,124	19,925	240,926	228,369	105.2	102.7
Missouri	3,194	56,850	2,872	51,188	508,626	518,239	89.4	96.0
Nebraska	951	16,422	1,110	19,125	159,900	163,644	58.1	56.9
North Dakota	2,005	26,330	1,830	24,080	245,174	232,111	74.7	74.1
South Dakota	71	1,209	178	3,006	24,856	27,502	130.6	103.2
South Atlantic	11,794	289,013	10,631	258,317	2,359,955	2,558,676	159.6	156.4
Delaware	-	-	-	-	-	602	-	216.9
District of Columbia	-	-	-	-	-	-	-	-
Florida	2,301	56,898	2,051	49,632	395,424	477,094	172.9	170.5
Georgia	2,544	59,318	2,427	57,379	560,813	616,411	167.5	166.5
Maryland	-	-	-	-	-	-	-	-
North Carolina	2,222	55,171	1,546	37,638	447,240	481,298	174.0	158.9
South Carolina	1,305	33,109	1,356	34,074	282,895	288,453	158.6	154.0
Virginia	1,015	25,916	1,141	28,767	218,845	239,443	160.8	159.3
West Virginia	2,406	58,601	2,110	50,828	454,738	455,375	124.0	125.2
East South Central	7,874	176,864	8,051	180,685	1,633,384	1,565,020	128.1	126.0
Alabama	2,570	54,848	2,954	63,177	459,984	477,779	142.1	142.2
Kentucky	2,277	52,425	2,178	49,813	559,556	581,736	118.2	109.6
Mississippi	364	8,612	448	10,647	91,324	107,293	164.9	164.5
Tennessee	2,664	60,979	2,471	57,047	522,520	398,211	120.0	120.1
West South Central	6,522	109,633	10,639	167,339	970,090	1,517,622	107.2	121.5
Arkansas	1,209	20,971	1,446	25,112	172,334	199,188	65.4	97.1
Louisiana	583	8,788	709	10,853	90,642	94,556	130.7	130.4
Oklahoma	1,460	25,376	1,159	20,252	257,202	214,989	93.7	90.8
Texas	3,269	54,498	7,325	111,123	449,912	1,008,889	126.3	132.1
Mountain	8,491	166,808	5,235	104,972	1,403,898	1,430,164	104.7	109.3
Arizona	1,344	27,377	1,436	29,198	255,303	296,115	127.6	125.3
Colorado	1,666	32,270	1,820	35,294	283,903	270,768	95.6	92.2
Idaho	-	-	-	-	-	-	-	-
Montana	522	8,743	18	231	76,080	2,990	61.9	95.6
Nevada	766	17,269	617	13,992	113,393	134,291	131.3	127.0
New Mexico	624	12,200	-	-	121,713	157,840	156.6	150.4
Utah	1,369	30,462	660	14,875	244,871	247,389	98.7	114.3
Wyoming	2,200	38,487	684	11,383	308,635	320,770	79.1	77.6
Pacific Contiguous	189	3,308	181	3,332	25,016	31,694	133.6	109.2
California	-	-	-	-	-	-	-	-
Oregon	189	3,308	181	3,332	25,016	31,694	133.6	109.2
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	58,245	1,187,957	57,998	1,152,716	10,356,269	11,503,610	122.1	123.5

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, September 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	40	201.9	52.80	139	172.8	47.01	-	-	-	179	179.2	48.32
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	9	235.6	61.53	-	-	-	-	-	-	9	235.6	61.53
New Hampshire	31	192.4	50.33	139	172.8	47.01	-	-	-	170	176.3	47.62
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	152	167.9	43.49	49	203.2	52.12	14	176.8	44.61	187	176.4	45.67
New Jersey	44	243.3	64.13	25	244.7	62.52	-	-	-	69	243.8	63.54
New York	33	168.6	44.39	24	159.6	41.13	14	176.8	44.61	43	161.2	42.51
Pennsylvania	75	122.0	31.06	-	-	-	-	-	-	75	122.0	31.06
East North Central	9,731	118.9	24.60	1,865	118.3	25.61	8,514	112.4	22.11	3,081	133.1	32.08
Illinois	756	111.8	21.39	25	126.4	26.89	491	93.3	16.64	291	139.1	29.90
Indiana	3,591	116.4	24.94	721	119.2	24.31	2,965	109.1	22.30	1,347	132.0	30.42
Michigan	2,836	126.4	25.67	391	124.0	25.83	2,630	116.5	22.28	597	157.5	40.69
Ohio	1,046	124.9	30.79	612	112.0	27.10	879	127.6	30.09	778	112.4	28.68
Wisconsin	1,502	107.8	19.08	116	130.4	24.73	1,549	106.7	18.67	69	153.0	37.69
West North Central	10,060	87.1	14.45	1,340	95.2	16.77	11,240	86.9	14.44	160	143.7	34.44
Iowa	1,861	85.0	14.52	80	100.0	18.41	1,914	84.4	14.42	28	154.1	32.66
Kansas	1,653	98.7	16.99	166	74.8	12.63	1,819	96.6	16.60	-	-	-
Minnesota	1,071	101.0	17.89	347	118.1	21.14	1,417	105.2	18.68	-	-	-
Missouri	2,538	88.8	15.83	656	91.0	16.04	3,062	86.0	15.06	132	141.8	34.82
Nebraska	861	58.7	10.14	91	67.2	11.49	951	59.5	10.27	-	-	-
North Dakota	2,005	78.1	10.25	-	-	-	2,005	78.1	10.25	-	-	-
South Dakota	71	132.4	22.55	-	-	-	71	132.4	22.55	-	-	-
South Atlantic	8,630	163.4	40.57	3,164	156.0	36.81	5,217	162.3	38.77	6,577	160.8	40.19
Delaware	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	1,781	180.4	44.42	521	178.7	44.82	691	179.9	44.41	1,611	180.1	44.55
Georgia	1,784	166.0	41.35	760	166.1	32.52	1,821	167.3	37.94	722	163.2	40.66
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	1,874	177.9	44.17	349	174.3	43.23	1,218	175.5	43.49	1,004	179.5	44.66
South Carolina	811	162.6	41.56	494	155.9	39.04	176	157.1	39.74	1,130	160.6	40.74
Virginia	769	159.7	40.63	246	154.6	39.91	235	157.7	40.42	780	158.6	40.46
West Virginia	1,612	126.4	30.76	795	125.2	30.51	1,076	128.9	30.71	1,330	123.7	30.66
East South Central	7,373	129.0	28.83	501	132.6	31.93	4,078	128.2	27.45	3,796	130.3	30.73
Alabama	2,545	142.1	30.30	25	134.9	31.03	1,856	136.1	27.62	713	154.9	37.30
Kentucky	1,938	119.2	27.15	340	127.8	31.22	1,254	123.8	28.65	1,024	116.6	26.66
Mississippi	280	169.6	39.39	83	161.7	40.78	101	159.0	39.05	262	171.2	39.96
Tennessee	2,610	120.0	27.52	54	111.6	23.06	867	114.7	24.00	1,796	122.0	29.09
West South Central	5,219	115.5	19.26	1,303	59.5	10.34	6,395	104.1	17.50	127	98.8	16.68
Arkansas	54	190.7	32.45	1,155	49.7	8.63	1,209	55.9	9.70	-	-	-
Louisiana	583	131.7	19.83	-	-	-	583	131.7	19.83	-	-	-
Oklahoma	1,460	92.2	16.02	0	106.5	18.56	1,460	92.2	16.02	-	-	-
Texas	3,121	122.9	20.44	147	135.3	23.75	3,142	124.5	20.75	127	98.8	16.68
Mountain	8,195	106.0	20.75	295	81.2	17.44	6,480	102.6	19.25	2,011	111.6	25.10
Arizona	1,344	129.4	26.36	-	-	-	1,322	129.0	26.23	22	150.5	33.91
Colorado	1,536	100.7	19.36	130	97.6	20.62	1,347	90.2	16.81	319	136.4	30.65
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	522	57.1	9.57	-	-	-	522	57.1	9.57	-	-	-
Nevada	766	124.4	28.06	-	-	-	465	119.2	26.01	301	131.8	31.22
New Mexico	624	171.6	33.58	-	-	-	624	171.6	33.58	-	-	-
Utah	1,279	102.0	22.44	90	80.0	20.65	-	-	-	1,369	100.3	22.32
Wyoming	2,125	77.4	13.55	75	47.7	8.08	2,200	76.4	13.36	-	-	-
Pacific Contiguous	-	-	-	189	130.6	22.86	189	130.6	22.86	-	-	-
California	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	189	130.6	22.86	189	130.6	22.86	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	49,400	122.7	24.83	8,845	124.8	26.54	42,126	113.5	21.52	16,119	142.7	34.44

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, September 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	-	-	-	128	174.8	47.64	-	-	-
Connecticut	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	9	235.6	61.53	-	-	-
New Hampshire	-	-	-	119	170.5	46.60	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	11	284.5	72.83	18	221.2	56.58	1	187.0	48.09
New Jersey	11	284.5	72.83	18	221.2	56.58	-	-	-
New York	-	-	-	-	-	-	1	187.0	48.09
Pennsylvania	-	-	-	-	-	-	-	-	-
East North Central	5,604	108.5	19.47	1,264	146.7	36.39	1,145	132.3	30.83
Illinois	466	100.9	18.11	5	64.3	11.15	38	150.2	31.97
Indiana	1,347	117.2	21.17	423	141.9	34.72	602	118.2	26.02
Michigan	2,270	106.9	19.48	382	164.4	40.86	260	168.3	43.18
Ohio	-	-	-	403	134.0	33.86	199	115.4	28.21
Wisconsin	1,521	105.6	18.37	51	162.4	39.13	47	144.7	34.44
West North Central	8,337	87.4	15.13	2,598	90.4	13.46	386	76.0	11.35
Iowa	1,855	85.2	14.56	68	77.1	13.02	4	171.3	42.65
Kansas	1,785	96.0	16.42	-	-	-	-	-	-
Minnesota	655	112.2	20.11	762	99.2	17.46	-	-	-
Missouri	2,927	85.9	15.02	188	104.4	20.73	48	151.4	37.09
Nebraska	951	59.5	10.27	-	-	-	-	-	-
North Dakota	92	86.0	13.60	1,579	82.8	10.69	334	54.1	7.26
South Dakota	71	132.4	22.55	-	-	-	-	-	-
South Atlantic	567	160.9	28.14	6,362	165.7	41.06	2,930	161.7	40.66
Delaware	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-
Florida	-	-	-	818	193.5	48.20	729	177.4	44.49
Georgia	510	163.9	28.63	1,448	167.0	41.42	504	162.9	40.12
Maryland	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	1,822	178.7	44.27	401	171.2	42.87
South Carolina	-	-	-	372	171.6	43.51	704	156.2	39.61
Virginia	-	-	-	487	159.0	40.48	315	161.6	41.66
West Virginia	57	134.8	23.79	1,415	131.5	31.99	278	118.9	29.92
East South Central	1,690	119.2	20.92	2,710	143.5	34.76	934	145.1	35.04
Alabama	998	124.9	21.84	668	153.5	36.82	458	159.1	38.23
Kentucky	95	112.4	19.76	746	138.8	33.81	244	130.2	31.36
Mississippi	2	148.9	34.66	299	170.8	39.92	63	154.7	38.87
Tennessee	596	110.7	19.53	998	132.7	32.55	170	125.1	30.31
West South Central	5,665	100.4	17.38	47	143.5	19.74	500	140.8	19.35
Arkansas	1,209	55.9	9.70	-	-	-	-	-	-
Louisiana	206	124.8	21.76	47	143.5	19.74	329	135.4	18.64
Oklahoma	1,460	92.2	16.02	-	-	-	-	-	-
Texas	2,789	122.2	21.09	-	-	-	171	151.4	20.72
Mountain	4,189	92.5	17.57	4,113	118.3	23.74	189	84.1	21.20
Arizona	276	141.2	27.56	1,068	126.5	26.05	-	-	-
Colorado	1,330	90.2	16.77	306	136.8	30.80	30	107.7	22.82
Idaho	-	-	-	-	-	-	-	-	-
Montana	24	90.7	12.17	498	55.8	9.45	-	-	-
Nevada	662	125.0	27.72	104	121.1	30.24	-	-	-
New Mexico	-	-	-	624	171.6	33.58	-	-	-
Utah	476	113.8	24.18	735	97.0	21.43	159	80.5	20.90
Wyoming	1,421	55.7	9.53	779	111.8	20.36	-	-	-
Pacific Contiguous	189	130.6	22.86	-	-	-	-	-	-
California	-	-	-	-	-	-	-	-	-
Oregon	189	130.6	22.86	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-
U.S. Total	26,252	99.6	17.66	17,240	142.5	31.44	6,085	146.3	33.73

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, September 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	51	190.4	50.01	-	-	-	-	-	-	179.2	48.32
Connecticut	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	235.6	61.53
New Hampshire	51	190.4	50.01	-	-	-	-	-	-	176.3	47.62
Rhode Island	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	32	148.7	37.73	139	168.3	43.78	-	-	-	176.4	45.60
New Jersey	-	-	-	40	242.8	64.14	-	-	-	243.8	63.54
New York	23	160.0	41.43	33	167.7	44.01	-	-	-	164.9	43.02
Pennsylvania	9	118.2	28.46	66	122.5	31.41	-	-	-	122.0	31.06
East North Central	803	129.7	30.16	1,689	116.7	27.51	1,090	105.4	23.87	118.8	24.76
Illinois	13	55.6	9.65	10	50.7	8.09	250	129.6	27.82	112.3	21.57
Indiana	494	120.9	26.73	914	111.0	25.55	532	99.1	21.95	116.8	24.84
Michigan	209	153.0	39.77	100	125.7	32.80	5	174.7	40.81	126.1	25.69
Ohio	86	122.9	29.64	666	123.3	29.69	303	96.8	23.69	120.2	29.43
Wisconsin	-	-	-	-	-	-	-	-	-	109.5	19.49
West North Central	-	-	-	40	142.2	32.61	40	126.9	27.19	88.1	14.72
Iowa	-	-	-	14	141.4	31.41	-	-	-	85.6	14.68
Kansas	-	-	-	-	-	-	35	121.2	25.85	96.6	16.60
Minnesota	-	-	-	-	-	-	-	-	-	105.2	18.68
Missouri	-	-	-	26	142.6	33.28	5	164.2	36.50	89.2	15.87
Nebraska	-	-	-	-	-	-	-	-	-	59.5	10.27
North Dakota	-	-	-	-	-	-	-	-	-	78.1	10.25
South Dakota	-	-	-	-	-	-	-	-	-	132.4	22.55
South Atlantic	1,003	140.1	35.24	394	168.9	39.86	538	145.8	35.81	161.5	39.56
Delaware	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-
Florida	29	166.7	41.88	361	174.6	41.70	365	161.0	39.27	180.0	44.51
Georgia	82	177.4	44.99	-	-	-	-	-	-	166.0	38.71
Maryland	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-	177.3	44.02
South Carolina	229	153.5	38.92	-	-	-	-	-	-	160.1	40.61
Virginia	181	160.1	41.99	32	96.3	19.69	-	-	-	158.4	40.45
West Virginia	482	117.5	28.90	1	89.4	21.97	173	114.4	28.49	126.0	30.68
East South Central	466	135.3	32.36	866	104.9	25.38	1,207	108.6	24.19	129.2	29.03
Alabama	251	145.0	34.29	-	-	-	195	120.8	27.54	142.0	30.30
Kentucky	35	142.5	34.66	155	101.4	23.84	1,003	106.0	23.50	120.6	27.76
Mississippi	-	-	-	-	-	-	-	-	-	167.7	39.71
Tennessee	180	120.8	29.21	711	105.7	25.72	9	119.3	28.50	119.8	27.43
West South Central	309	122.6	15.96	-	-	-	-	-	-	104.0	17.48
Arkansas	-	-	-	-	-	-	-	-	-	55.9	9.70
Louisiana	-	-	-	-	-	-	-	-	-	131.7	19.83
Oklahoma	-	-	-	-	-	-	-	-	-	92.2	16.02
Texas	309	122.6	15.96	-	-	-	-	-	-	123.5	20.59
Mountain	-	-	-	-	-	-	-	-	-	105.0	20.64
Arizona	-	-	-	-	-	-	-	-	-	129.4	26.36
Colorado	-	-	-	-	-	-	-	-	-	100.5	19.46
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	57.1	9.57
Nevada	-	-	-	-	-	-	-	-	-	124.4	28.06
New Mexico	-	-	-	-	-	-	-	-	-	171.6	33.58
Utah	-	-	-	-	-	-	-	-	-	100.3	22.32
Wyoming	-	-	-	-	-	-	-	-	-	76.4	13.36
Pacific Contiguous	-	-	-	-	-	-	-	-	-	130.6	22.86
California	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	130.6	22.86
Washington	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	2,664	136.1	31.28	3,128	122.7	29.26	2,875	115.1	26.28	123.0	25.09

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, September 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	3	20	-	-	-	-	10	62	13	82
Connecticut	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-
Massachusetts	*	3	-	-	-	-	10	62	10	65
New Hampshire	3	17	-	-	-	-	-	-	3	17
Rhode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	1	5	-	-	-	-	698	4,467	699	4,472
New Jersey	1	4	-	-	-	-	101	646	102	650
New York	-	-	-	-	-	-	597	3,821	597	3,821
Pennsylvania	*	1	-	-	-	-	-	-	*	1
East North Central	67	391	-	-	-	-	48	312	115	703
Illinois	2	11	-	-	-	-	-	-	2	11
Indiana	24	141	-	-	-	-	-	-	24	141
Michigan	31	180	-	-	-	-	48	312	79	492
Ohio	3	19	-	-	-	-	-	-	3	19
Wisconsin	7	41	-	-	-	-	-	-	7	41
West North Central	37	216	-	-	-	-	82	548	119	764
Iowa	4	26	-	-	-	-	-	-	4	26
Kansas	9	51	-	-	-	-	82	548	91	599
Minnesota	3	19	-	-	-	-	-	-	3	19
Missouri	11	66	-	-	-	-	-	-	11	66
Nebraska	*	1	-	-	-	-	-	-	*	1
North Dakota	9	52	-	-	-	-	-	-	9	52
South Dakota	-	-	-	-	-	-	-	-	-	-
South Atlantic	102	595	-	-	-	-	2,842	18,264	2,944	18,859
Delaware	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	45	260	-	-	-	-	2,810	18,065	2,855	18,325
Georgia	7	38	-	-	-	-	-	-	7	38
Maryland	-	-	-	-	-	-	-	-	-	-
North Carolina	13	73	-	-	-	-	-	-	13	73
South Carolina	7	41	-	-	-	-	-	-	7	41
Virginia	*	1	-	-	-	-	31	199	31	200
West Virginia	31	181	-	-	-	-	-	-	31	181
East South Central	29	170	-	-	-	-	-	1	29	171
Alabama	7	38	-	-	-	-	-	-	7	38
Kentucky	13	75	-	-	-	-	-	-	13	75
Mississippi	1	8	-	-	-	-	*	1	1	9
Tennessee	8	50	-	-	-	-	-	-	8	50
West South Central	7	42	-	-	-	-	1	7	8	50
Arkansas	5	29	-	-	-	-	-	-	5	29
Louisiana	*	1	-	-	-	-	1	7	1	8
Oklahoma	-	-	-	-	-	-	-	-	-	-
Texas	2	12	-	-	-	-	-	-	2	12
Mountain	27	158	-	-	-	-	-	-	27	158
Arizona	10	59	-	-	-	-	-	-	10	59
Colorado	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	5	29	-	-	-	-	-	-	5	29
Nevada	-	-	-	-	-	-	-	-	-	-
New Mexico	5	29	-	-	-	-	-	-	5	29
Utah	4	24	-	-	-	-	-	-	4	24
Wyoming	3	18	-	-	-	-	-	-	3	18
Pacific Contiguous	-	-	-	-	-	-	-	-	-	-
California	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-
U.S. Total	274	1,597	-	-	-	-	3,680	23,661	3,955	25,258

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	September 2002 Receipts		September 2001 Receipts		Year to Date			
	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents/million Btu) ¹	
					2002	2001	2002	2001
New England	13	82	161	1,035	2,675	5,465	369.7	368.8
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	10	65	29	182	76	993	446.1	495.1
New Hampshire	3	17	132	853	2,599	4,472	367.4	340.8
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	699	4,472	718	4,555	49,403	84,112	338.6	367.8
New Jersey	102	650	2	11	2,270	335	429.3	477.2
New York	597	3,821	716	4,544	47,126	79,771	334.2	367.1
Pennsylvania	*	1	-	-	7	4,006	511.7	372.9
East North Central	115	703	222	1,362	8,675	17,557	355.0	496.5
Illinois	2	11	3	17	409	1,023	434.7	584.4
Indiana	24	141	11	62	726	1,324	506.4	595.1
Michigan	79	492	163	1,019	6,247	11,944	301.1	442.9
Ohio	3	19	30	173	991	2,687	494.6	619.6
Wisconsin	7	41	16	93	301	578	539.4	651.3
West North Central	119	764	77	493	5,129	9,969	331.5	412.6
Iowa	4	26	10	59	415	777	521.1	638.7
Kansas	91	599	55	367	3,861	8,055	267.4	356.6
Minnesota	3	19	*	1	138	214	506.6	684.0
Missouri	11	66	9	53	464	647	529.2	639.6
Nebraska	*	1	*	2	39	53	522.3	603.5
North Dakota	9	52	2	11	212	222	547.7	682.4
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	2,944	18,859	5,351	34,129	219,377	354,193	356.1	379.5
Delaware	-	-	-	-	1,571	2,694	369.5	390.8
District of Columbia	-	-	-	-	-	-	-	-
Florida	2,855	18,325	4,880	31,194	191,665	308,391	351.7	373.8
Georgia	7	38	39	229	900	1,681	534.9	695.8
Maryland	-	-	-	-	-	-	-	-
North Carolina	13	73	14	80	1,397	2,112	484.4	614.9
South Carolina	7	41	4	25	361	613	502.3	620.1
Virginia	31	200	361	2,296	22,366	36,990	365.2	379.9
West Virginia	31	181	52	304	1,117	1,712	555.1	688.1
East South Central	29	171	419	2,718	1,863	56,447	502.6	382.9
Alabama	7	38	8	47	367	398	488.8	591.1
Kentucky	13	75	3	20	691	652	518.2	604.1
Mississippi	1	9	403	2,628	104	55,045	525.9	377.3
Tennessee	8	50	4	23	701	352	490.9	608.4
West South Central	8	50	38	241	553	27,227	505.5	609.1
Arkansas	5	29	5	32	285	372	550.0	637.2
Louisiana	1	8	28	180	108	13,578	536.0	545.9
Oklahoma	-	-	-	-	60	1,426	477.9	633.0
Texas	2	12	5	29	100	11,851	362.7	677.7
Mountain	27	158	11	62	1,285	3,474	553.8	797.5
Arizona	10	59	3	16	208	2,718	650.7	821.7
Colorado	-	-	*	1	45	195	655.2	726.7
Idaho	-	-	-	-	-	-	-	-
Montana	5	29	-	-	234	-	550.7	-
Nevada	-	-	2	13	136	41	537.6	626.2
New Mexico	5	29	-	-	137	46	582.3	738.0
Utah	4	24	*	1	167	208	517.5	668.4
Wyoming	3	18	5	31	358	266	499.1	739.3
Pacific Contiguous	-	-	21	123	92	4,509	573.1	620.3
California	-	-	-	-	4	2,734	591.7	600.9
Oregon	-	-	21	123	88	1,776	572.3	650.1
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	59,525	-	497.8
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	59,525	-	497.8
U.S. Total	3,955	25,258	7,017	44,720	289,051	622,476	354.9	407.4

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 September 2002 petroleum coke receipts were 233,810 short tons and the cost was 68.9 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, September 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	-	-	-	10	436.0	27.72	592.3	34.28	-	-	436.0	27.72
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	10	436.0	27.72	612.5	35.45	-	-	436.0	27.72
New Hampshire	-	-	-	-	-	-	588.8	34.08	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	451	402.8	25.85	247	224.6	14.31	332.2	19.33	-	-	340.1	21.77
New Jersey	-	-	-	101	165.0	10.53	261.0	15.12	-	-	165.0	10.53
New York	451	402.8	25.85	146	266.2	16.95	-	-	-	-	369.7	23.68
Pennsylvania	-	-	-	-	-	-	601.0	35.59	-	-	-	-
East North Central	-	-	-	48	307.5	19.99	590.6	34.24	-	-	307.5	19.99
Illinois	-	-	-	-	-	-	722.6	41.65	-	-	-	-
Indiana	-	-	-	-	-	-	596.8	34.35	-	-	-	-
Michigan	-	-	-	48	307.5	19.99	562.5	32.70	-	-	307.5	19.99
Ohio	-	-	-	-	-	-	642.2	37.16	-	-	-	-
Wisconsin	-	-	-	-	-	-	634.9	37.33	-	-	-	-
West North Central	-	-	-	82	287.8	19.22	603.5	35.08	-	-	287.8	19.22
Iowa	-	-	-	-	-	-	634.5	37.31	-	-	-	-
Kansas	-	-	-	82	287.8	19.22	635.6	36.82	-	-	287.8	19.22
Minnesota	-	-	-	-	-	-	282.0	16.35	-	-	-	-
Missouri	-	-	-	-	-	-	637.4	36.97	-	-	-	-
Nebraska	-	-	-	-	-	-	658.8	38.22	-	-	-	-
North Dakota	-	-	-	-	-	-	629.1	36.61	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	2,359	380.5	24.48	482	380.1	24.30	625.1	36.42	-	-	380.4	24.45
Delaware	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	2,359	380.5	24.48	451	378.2	24.18	620.4	36.04	-	-	380.1	24.43
Georgia	-	-	-	-	-	-	624.0	36.30	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	578.4	33.62	-	-	-	-
South Carolina	-	-	-	-	-	-	578.2	33.62	-	-	-	-
Virginia	-	-	-	31	406.4	25.94	486.7	28.62	-	-	406.4	25.94
West Virginia	-	-	-	-	-	-	662.2	38.81	-	-	-	-
East South Central	-	-	-	-	254.1	16.75	608.4	35.59	-	-	254.1	16.75
Alabama	-	-	-	-	-	-	604.4	34.91	-	-	-	-
Kentucky	-	-	-	-	-	-	610.6	35.82	-	-	-	-
Mississippi	-	-	-	*	254.1	16.75	544.5	32.12	-	-	254.1	16.75
Tennessee	-	-	-	-	-	-	617.8	36.30	-	-	-	-
West South Central	-	-	-	1	206.0	13.48	552.5	32.63	-	-	206.0	13.48
Arkansas	-	-	-	-	-	-	545.9	32.26	-	-	-	-
Louisiana	-	-	-	1	206.0	13.48	557.5	33.88	-	-	206.0	13.48
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	568.0	33.40	-	-	-	-
Mountain	-	-	-	-	-	-	701.7	41.02	-	-	-	-
Arizona	-	-	-	-	-	-	752.7	44.05	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	645.4	38.22	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	721.7	41.22	-	-	-	-
Utah	-	-	-	-	-	-	674.6	39.67	-	-	-	-
Wyoming	-	-	-	-	-	-	630.0	37.04	-	-	-	-
Pacific Contiguous	-	-	-	-	-	-	-	-	-	-	-	-
California	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	2,810	384.1	24.70	870	323.6	20.77	616.2	35.88	-	-	369.8	23.77

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: • 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, September 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	-	-	-	-	-	-	10	436.0	27.72
Connecticut	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	10	436.0	27.72
New Hampshire	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	198	320.9	20.35	-	-	-	500	347.6	22.33
New Jersey	-	-	-	-	-	-	101	165.0	10.53
New York	198	320.9	20.35	-	-	-	399	393.5	25.33
Pennsylvania	-	-	-	-	-	-	-	-	-
East North Central	1	276.0	16.36	-	-	-	-	-	-
Illinois	-	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-	-
Michigan	1	276.0	16.36	-	-	-	-	-	-
Ohio	-	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-
West North Central	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-
Minnesota	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-
South Atlantic	6	285.7	17.49	-	-	-	2,245	377.6	24.18
Delaware	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-
Florida	6	285.7	17.49	-	-	-	2,245	377.6	24.18
Georgia	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	-	-	-
West Virginia	-	-	-	-	-	-	-	-	-
East South Central	-	-	-	-	-	-	-	-	-
Alabama	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-	-
West South Central	-	-	-	1	206.0	13.48	-	-	-
Arkansas	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	1	206.0	13.48	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-
Mountain	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-
Pacific Contiguous	-	-	-	-	-	-	-	-	-
California	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-
U.S. Total	205	319.7	20.25	1	206.0	13.48	2,755	372.3	23.86

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, September 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	-	-	-	-	-	-	-	-	-	-	436.0	27.72
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-	436.0	27.72
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	-	-	-	-	-	-	-	-	-	-	340.1	21.77
New Jersey	-	-	-	-	-	-	-	-	-	-	165.0	10.53
New York	-	-	-	-	-	-	-	-	-	-	369.7	23.68
Pennsylvania	-	-	-	-	-	-	-	-	-	-	-	-
East North Central	47	308.0	20.05	-	-	-	-	-	-	-	307.5	19.99
Illinois	-	-	-	-	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Michigan	47	308.0	20.05	-	-	-	-	-	-	-	307.5	19.99
Ohio	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-	-	-	-
West North Central	82	287.8	19.22	-	-	-	-	-	-	-	287.8	19.22
Iowa	-	-	-	-	-	-	-	-	-	-	-	-
Kansas	82	287.8	19.22	-	-	-	-	-	-	-	287.8	19.22
Minnesota	-	-	-	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	476	396.3	25.77	115	373.6	24.66	-	-	-	-	380.4	24.45
Delaware	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	444	395.6	25.76	115	373.6	24.66	-	-	-	-	380.1	24.43
Georgia	-	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	31	406.4	25.94	-	-	-	-	-	-	-	406.4	25.94
West Virginia	-	-	-	-	-	-	-	-	-	-	-	-
East South Central	-	-	-	0	254.1	16.75	-	-	-	-	254.1	16.75
Alabama	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	0	254.1	16.75	-	-	-	-	254.1	16.75
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
West South Central	-	-	-	-	-	-	-	-	-	-	206.0	13.48
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-	-	-	206.0	13.48
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-	-	-	-
Mountain	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Contiguous	-	-	-	-	-	-	-	-	-	-	-	-
California	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	605	374.4	24.44	115	373.4	24.65	-	-	-	-	369.8	23.77

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, September 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	681	705	-	-	-	-	681	705
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	481	496	-	-	-	-	481	496
New Hampshire	200	209	-	-	-	-	200	209
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	8,930	9,081	-	-	-	-	8,930	9,081
New Jersey	-	-	-	-	-	-	-	-
New York	8,930	9,081	-	-	-	-	8,930	9,081
Pennsylvania	-	-	-	-	-	-	-	-
East North Central	2,041	2,054	714	76	-	-	2,755	2,130
Illinois	42	43	-	-	-	-	42	43
Indiana	51	51	-	-	-	-	51	51
Michigan	1,633	1,645	714	76	-	-	2,347	1,721
Ohio	14	15	-	-	-	-	14	15
Wisconsin	300	301	-	-	-	-	300	301
West North Central	3,192	3,215	-	-	-	-	3,192	3,215
Iowa	343	343	-	-	-	-	343	343
Kansas	1,391	1,403	-	-	-	-	1,391	1,403
Minnesota	434	436	-	-	-	-	434	436
Missouri	938	946	-	-	-	-	938	946
Nebraska	87	88	-	-	-	-	87	88
North Dakota	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	37,445	38,768	-	-	77	81	37,522	38,849
Delaware	15	16	-	-	-	-	15	16
District of Columbia	-	-	-	-	-	-	-	-
Florida	35,393	36,656	-	-	-	-	35,393	36,656
Georgia	4	4	-	-	-	-	4	4
Maryland	-	-	-	-	-	-	-	-
North Carolina	269	277	-	-	-	-	269	277
South Carolina	3	4	-	-	-	-	3	4
Virginia	1,752	1,803	-	-	77	81	1,829	1,884
West Virginia	9	9	-	-	-	-	9	9
East South Central	14,777	15,289	-	-	-	-	14,777	15,289
Alabama	6,279	6,534	-	-	-	-	6,279	6,534
Kentucky	70	72	-	-	-	-	70	72
Mississippi	8,428	8,683	-	-	-	-	8,428	8,683
Tennessee	-	-	-	-	-	-	-	-
West South Central	68,207	70,258	-	-	-	-	68,207	70,258
Arkansas	1,774	1,805	-	-	-	-	1,774	1,805
Louisiana	23,992	24,871	-	-	-	-	23,992	24,871
Oklahoma	15,712	16,144	-	-	-	-	15,712	16,144
Texas	26,728	27,438	-	-	-	-	26,728	27,438
Mountain	16,326	16,599	-	-	-	-	16,326	16,599
Arizona	4,194	4,273	-	-	-	-	4,194	4,273
Colorado	3,330	3,298	-	-	-	-	3,330	3,298
Idaho	-	-	-	-	-	-	-	-
Montana	1	1	-	-	-	-	1	1
Nevada	5,612	5,741	-	-	-	-	5,612	5,741
New Mexico	2,213	2,254	-	-	-	-	2,213	2,254
Utah	938	992	-	-	-	-	938	992
Wyoming	39	41	-	-	-	-	39	41
Pacific Contiguous	11,569	11,699	-	-	-	-	11,569	11,699
California	10,027	10,126	-	-	-	-	10,027	10,126
Oregon	1,542	1,573	-	-	-	-	1,542	1,573
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	1,149	1,149	-	-	-	-	1,149	1,149
Alaska	1,149	1,149	-	-	-	-	1,149	1,149
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	164,317	168,817	714	76	77	81	165,108	168,974

¹ Includes coke oven gas.

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	September 2002 Receipts		September 2001 Receipts		Year to Date			
	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents/million Btu) ¹	
					2002	2001	2002	2001
New England	681	705	1,163	1,206	3,956	3,940	367.3	365.8
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	481	496	980	1,011	3,228	3,623	372.0	370.1
New Hampshire	200	209	183	196	719	217	346.8	241.2
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	9	100	315.5	477.6
Middle Atlantic	8,930	9,082	12,589	12,799	64,902	64,111	362.0	451.6
New Jersey	-	-	-	-	-	-	-	-
New York	8,930	9,082	12,589	12,799	64,902	63,986	362.0	450.8
Pennsylvania	-	-	-	-	-	125	-	851.4
East North Central	2,755	2,130	2,331	2,158	21,525	22,861	342.9	440.1
Illinois	42	43	163	168	3,525	2,370	337.6	447.7
Indiana	51	51	52	53	392	1,280	362.9	524.1
Michigan	2,347	1,721	1,939	1,760	14,880	16,192	338.2	412.6
Ohio	14	15	17	18	184	390	485.4	835.8
Wisconsin	300	301	159	160	2,543	2,629	364.8	502.8
West North Central	3,192	3,215	1,346	1,372	29,319	24,736	324.1	418.1
Iowa	343	343	162	163	2,713	2,331	362.0	511.6
Kansas	1,391	1,403	898	922	13,183	16,088	300.9	369.4
Minnesota	434	436	30	30	2,383	1,244	372.7	553.0
Missouri	938	946	205	206	10,038	4,365	329.9	501.8
Nebraska	87	88	50	51	1,001	708	353.8	461.9
North Dakota	-	-	*	*	0	1	257.4	687.5
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	37,522	38,849	34,971	36,353	308,861	198,697	384.9	511.6
Delaware	15	16	-	-	244	178	346.0	452.2
District of Columbia	-	-	-	-	-	-	-	-
Florida	35,393	36,656	32,361	33,654	295,067	188,189	382.7	516.0
Georgia	4	4	330	338	265	1,226	328.6	329.5
Maryland	-	-	-	-	-	-	-	-
North Carolina	269	277	22	22	2,419	549	413.5	454.9
South Carolina	3	4	*	*	29	55	485.7	626.5
Virginia	1,829	1,884	2,252	2,332	10,688	8,380	442.3	439.9
West Virginia	9	9	7	7	149	119	401.2	766.8
East South Central	14,777	15,289	10,513	10,817	148,971	58,407	318.7	436.3
Alabama	6,279	6,534	60	62	55,481	7,651	319.4	693.0
Kentucky	70	72	40	41	658	194	406.3	560.6
Mississippi	8,428	8,683	10,412	10,713	92,831	50,561	317.7	396.9
Tennessee	-	-	-	-	-	-	-	-
West South Central	68,207	70,258	121,808	124,725	549,546	1,137,964	328.8	447.3
Arkansas	1,774	1,805	1,612	1,642	15,549	17,962	343.9	454.1
Louisiana	23,992	24,871	23,945	24,789	207,967	192,973	335.0	445.6
Oklahoma	15,712	16,144	14,609	15,053	133,467	129,326	331.8	469.3
Texas	26,728	81,643	81,643	83,241	192,563	797,704	318.9	444.0
Mountain	16,326	16,599	13,873	14,090	127,573	166,957	376.9	546.8
Arizona	4,194	4,273	4,158	4,236	32,475	56,225	302.5	492.7
Colorado	3,330	3,298	3,693	3,694	30,131	30,191	247.9	410.3
Idaho	-	-	-	-	-	-	-	-
Montana	1	1	1	1	12	10	432.7	704.1
Nevada	5,612	5,741	2,232	2,272	38,505	38,299	568.1	845.9
New Mexico	2,213	2,254	2,850	2,902	21,569	31,075	304.5	447.6
Utah	938	992	939	986	4,711	10,762	483.7	440.2
Wyoming	39	41	-	-	170	396	396.6	384.1
Pacific Contiguous	11,569	11,699	7,835	7,944	71,266	110,314	387.2	804.0
California	10,027	10,126	4,398	4,438	62,191	74,964	401.5	1,002.7
Oregon	1,542	1,573	3,437	3,506	9,075	35,350	289.2	382.5
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	1,149	1,149	1,064	1,064	14,115	12,807	239.2	226.5
Alaska	1,149	1,149	1,064	1,064	14,115	12,807	239.2	226.5
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	165,108	168,974	207,491	212,528	1,340,034	1,800,794	349.2	483.0

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, September 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	-	-	-	175	395.8	4.07	506	395.3	4.10	681	395.4	4.09
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	175	395.8	4.07	306	412.2	4.25	481	406.3	4.19
New Hampshire	-	-	-	-	-	-	200	369.8	3.87	200	369.8	3.87
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	-	-	-	1,303	359.3	3.70	7,627	392.7	3.98	8,930	387.8	3.94
New Jersey	-	-	-	-	-	-	-	-	-	-	-	-
New York	-	-	-	1,303	359.3	3.70	7,627	392.7	3.98	8,930	387.8	3.94
Pennsylvania	-	-	-	-	-	-	-	-	-	-	-	-
East North Central	167	378.5	3.78	2,150	362.6	2.56	437	429.9	4.38	2,755	377.9	2.92
Illinois	-	-	-	42	392.4	4.01	-	-	-	42	392.4	4.01
Indiana	-	-	-	51	415.4	4.17	-	-	-	51	415.4	4.17
Michigan	155	375.2	3.74	1,764	349.9	2.24	428	429.5	4.38	2,347	372.3	2.73
Ohio	12	421.1	4.31	-	-	-	3	510.7	5.27	14	438.1	4.49
Wisconsin	-	-	-	294	397.7	3.98	7	424.2	4.24	300	398.2	3.99
West North Central	391	354.4	3.59	2,439	350.5	3.53	362	368.0	3.68	3,192	352.9	3.55
Iowa	32	376.4	3.79	130	360.8	3.62	181	390.3	3.90	343	377.8	3.78
Kansas	-	-	-	1,307	304.4	3.07	84	336.4	3.36	1,391	306.3	3.09
Minnesota	-	-	-	417	484.3	4.87	17	354.8	3.55	434	479.3	4.82
Missouri	316	346.4	3.52	542	352.7	3.54	80	353.5	3.55	938	350.6	3.54
Nebraska	44	396.8	3.97	43	398.4	4.05	-	-	-	87	397.6	4.01
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	30,965	398.7	4.14	2,139	411.3	4.28	4,418	428.4	4.34	37,522	402.8	4.17
Delaware	15	404.3	4.17	-	-	-	-	-	-	15	404.3	4.17
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	30,950	398.7	4.14	1,855	407.5	4.25	2,588	423.8	4.25	35,393	400.9	4.15
Georgia	-	-	-	4	393.3	4.06	-	-	-	4	393.3	4.06
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	269	436.6	4.51	-	-	-	269	436.6	4.51
South Carolina	-	-	-	3	527.6	5.42	-	-	-	3	527.6	5.42
Virginia	-	-	-	-	-	-	1,829	434.6	4.48	1,829	434.6	4.48
West Virginia	-	-	-	9	406.5	4.07	-	-	-	9	406.5	4.07
East South Central	1,690	337.1	3.48	4,597	343.8	3.59	8,490	357.7	3.69	14,777	351.0	3.63
Alabama	1,342	331.5	3.42	4,597	343.8	3.59	340	331.6	3.43	6,279	340.5	3.54
Kentucky	-	-	-	-	-	-	70	389.3	3.99	70	389.3	3.99
Mississippi	348	358.8	3.72	-	-	-	8,080	358.6	3.69	8,428	358.6	3.69
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
West South Central	8,751	346.7	3.59	3,662	330.0	3.40	55,794	358.3	3.69	68,207	355.3	3.66
Arkansas	-	-	-	-	-	-	1,774	382.7	3.89	1,774	382.7	3.89
Louisiana	301	343.4	3.59	2,027	358.4	3.74	21,664	381.0	3.95	23,992	378.6	3.92
Oklahoma	7,792	343.3	3.56	6	369.9	3.72	7,914	338.7	3.45	15,712	341.0	3.50
Texas	658	388.7	4.00	1,628	293.3	2.97	24,441	342.6	3.52	26,728	340.8	3.50
Mountain	4,982	398.4	3.99	3,518	248.2	2.52	7,826	391.9	4.02	16,326	362.9	3.69
Arizona	-	-	-	2,334	263.3	2.67	1,860	351.8	3.60	4,194	302.7	3.08
Colorado	3,067	200.1	1.98	263	151.6	1.50	-	-	-	3,330	196.3	1.94
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	1	409.7	4.65	-	-	-	1	409.7	4.65
Nevada	1,876	716.9	7.32	-	-	-	3,736	438.4	4.49	5,612	531.2	5.43
New Mexico	-	-	-	921	237.0	2.42	1,292	351.7	3.58	2,213	303.9	3.10
Utah	-	-	-	-	-	-	938	342.5	3.62	938	342.5	3.62
Wyoming	39	212.7	2.22	-	-	-	-	-	-	39	212.7	2.22
Pacific Contiguous	2,083	461.5	4.62	361	402.2	4.11	9,126	326.8	3.31	11,569	353.2	3.57
California	2,083	461.5	4.62	361	402.2	4.11	7,584	337.3	3.41	10,027	365.3	3.69
Oregon	-	-	-	-	-	-	1,542	275.7	2.81	1,542	275.7	2.81
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	1,149	211.2	2.11	-	-	-	-	-	-	1,149	211.2	2.11
Alaska	1,149	211.2	2.11	-	-	-	-	-	-	1,149	211.2	2.11
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	50,178	385.4	3.97	20,344	336.6	3.35	94,586	364.6	3.74	165,108	367.6	3.76

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 October 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
Total	1,069,049	948,765	814,483	92,550	2,924,848
Year to Date					
2002	1,069,049	948,765	814,483	92,550	2,924,848
2001	1,023,694	916,307	836,145	98,583	2,874,729
2000	994,777	886,509	892,322	91,697	2,865,305

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, October 2002 and 2001
(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Other ¹		All Sectors	
	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001
New England	3,203	3,034	4,176	4,051	2,029	2,202	142	134	9,551	9,422
Connecticut	876	802	1,073	1,009	462	504	51	49	2,461	2,364
Maine	302	291	NM	296	NM	432	5	5	916	1,024
Massachusetts	1,364	1,307	2,003	1,978	835	828	65	58	4,267	4,171
New Hampshire	305	283	338	325	190	199	12	12	845	819
Rhode Island	199	201	288	284	116	113	6	6	610	603
Vermont	157	151	161	160	130	126	4	4	452	441
Mid Atlantic	8,995	8,263	11,713	10,929	7,149	7,053	1,315	1,261	29,171	27,506
New Jersey	1,876	1,789	2,942	2,868	970	1,057	47	46	5,835	5,760
New York	3,486	3,234	5,072	4,746	2,024	2,028	1,108	1,097	11,691	11,105
Pennsylvania	3,632	3,240	3,699	3,316	4,154	3,967	160	118	11,646	10,642
East North Central	12,437	11,535	13,810	13,012	17,842	17,641	1,383	1,451	45,472	43,639
Illinois	2,820	2,554	3,779	3,530	3,278	3,372	817	904	10,694	10,361
Indiana	2,150	2,023	1,793	1,716	4,122	3,871	55	59	8,120	7,669
Michigan	2,485	2,249	3,197	2,901	3,049	3,118	76	74	8,806	8,342
Ohio	3,445	3,194	3,475	3,346	5,024	5,018	369	353	12,313	11,911
Wisconsin	1,536	1,515	1,566	1,518	2,370	2,262	67	61	5,539	5,356
West North Central	6,537	5,763	6,761	6,532	6,538	6,354	NM	534	20,397	19,183
Iowa	893	827	720	687	1,542	1,441	130	123	3,286	3,078
Kansas	885	710	1,103	1,114	837	771	NM	49	2,880	2,644
Minnesota	1,567	1,375	1,645	1,566	1,818	1,858	60	55	5,090	4,854
Missouri	2,048	1,812	2,167	2,057	1,332	1,310	102	88	5,649	5,266
Nebraska	607	560	595	593	649	632	NM	142	1,985	1,927
North Dakota	281	244	291	278	NM	205	NM	40	838	768
South Dakota	256	235	239	237	137	137	NM	37	670	646
South Atlantic	24,310	20,547	20,515	20,079	14,905	13,456	2,035	1,858	61,765	55,940
Delaware	279	247	314	290	367	314	5	5	965	856
District of Columbia	100	100	729	697	37	22	46	31	912	849
Florida	9,788	7,995	6,924	6,364	1,611	1,507	541	477	18,865	16,343
Georgia	3,561	2,928	3,298	3,131	3,041	2,857	143	137	10,043	9,054
Maryland ²	1,725	1,589	1,233	1,104	1,844	828	76	81	4,879	4,602
North Carolina	3,520	3,006	3,392	3,127	2,645	2,642	199	182	9,756	8,956
South Carolina	1,981	1,608	1,590	1,499	2,709	2,647	82	78	6,363	5,832
Virginia	2,682	2,410	2,462	2,312	1,680	1,671	938	861	7,763	7,254
West Virginia	672	662	571	556	971	969	7	7	2,221	2,194
East South Central	8,050	6,835	6,318	5,746	10,468	10,313	517	485	25,354	23,379
Alabama	2,247	1,779	1,730	1,557	2,852	2,641	60	57	6,889	6,033
Kentucky	1,600	1,455	1,218	1,126	3,615	3,675	284	265	6,717	6,521
Mississippi	1,481	1,216	1,093	973	1,312	1,338	79	70	3,965	3,597
Tennessee	2,722	2,386	2,278	2,090	2,689	2,659	94	92	7,783	7,227
West South Central	14,559	13,207	11,503	10,398	13,985	13,054	1,702	1,732	41,749	38,392
Arkansas	1,272	1,039	860	753	1,620	1,494	67	55	3,819	3,341
Louisiana	2,553	2,100	1,746	1,574	2,464	2,513	261	238	7,024	6,425
Oklahoma	1,439	1,214	1,065	744	1,285	1,224	358	196	4,147	3,378
Texas	9,295	8,855	7,831	7,327	8,617	7,822	1,017	1,242	26,760	25,247
Mountain	5,619	5,787	6,433	6,316	5,139	5,216	NM	876	17,932	18,195
Arizona	2,084	2,209	1,898	1,950	889	962	NM	341	5,161	5,462
Colorado	1,138	1,106	1,530	1,524	884	871	NM	126	3,656	3,626
Idaho	513	470	517	497	496	564	29	27	1,555	1,557
Montana	291	266	319	317	290	264	NM	28	926	875
Nevada	555	675	NM	535	951	918	52	52	2,236	2,180
New Mexico	392	383	583	579	422	415	NM	197	1,555	1,574
Utah	490	516	655	714	562	549	NM	88	1,776	1,867
Wyoming	156	163	253	200	646	674	NM	17	1,068	1,054
Pacific Contiguous	10,172	9,744	NM	11,970	6,361	7,370	NM	1,554	31,364	30,638
California ³	6,898	6,498	NM	8,761	4,336	5,344	NM	1,138	22,509	21,741
Oregon	1,155	1,143	1,236	1,237	838	947	39	39	3,268	3,367
Washington	2,119	2,103	1,952	1,972	NM	1,078	329	377	5,586	5,530
Pacific Noncontiguous	396	375	464	446	414	406	NM	20	1,296	1,246
Alaska	154	147	187	182	90	93	NM	16	449	437
Hawaii	242	228	278	264	324	313	5	4	848	809
U.S. Total	94,277	85,090	95,466	89,479	84,832	83,064	9,477	9,906	284,052	267,539

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

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

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

Notes: • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

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

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

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.2	0.3	0.7	1.5	0.2
Connecticut	0.1	0.2	0.3	1.8	0.2
Maine	0.2	NM	NM	1.1	0.1
Massachusetts	0.4	0.5	1.4	1.2	0.4
New Hampshire	0.2	0.2	0.5	0.1	0.2
Rhode Island	0.2	0.1	0.3	0.1	0.1
Vermont	1.0	0.7	1.0	2.8	0.6
Mid Atlantic	0.1	0.1	1.7	8.6	0.7
New Jersey	0.1	0.1	0.3	0.1	0.1
New York	0.1	0.2	4.4	8.2	1.2
Pennsylvania	0.2	0.1	0.1	0.2	0.1
East North Central	0.3	0.5	0.7	0.4	0.5
Illinois	0.4	0.3	0.8	0.2	0.8
Indiana	0.7	0.5	1.2	2.4	1.2
Michigan	0.5	1.1	1.1	2.8	0.2
Ohio	0.5	0.3	1.1	0.3	0.9
Wisconsin	0.8	1.4	2.3	1.8	0.4
West North Central	0.7	0.9	2.1	NM	0.7
Iowa	1.6	3.9	4.1	4.8	0.9
Kansas	0.6	1.4	1.8	NM	0.5
Minnesota	1.3	2.0	2.4	5.5	0.5
Missouri	0.9	0.4	5.2	2.4	2.0
Nebraska	1.7	1.2	3.3	NM	1.0
North Dakota	1.8	1.1	NM	NM	1.7
South Dakota	2.5	1.3	5.7	NM	1.4
South Atlantic	1.1	0.6	0.6	0.9	0.5
Delaware	0.3	0.5	0.5	0.7	0.3
District of Columbia	-	-	-	-	-
Florida	1.0	0.7	2.0	1.3	0.7
Georgia	1.9	0.6	0.9	3.5	0.8
Maryland	0.6	0.9	0.2	1.4	0.4
North Carolina	1.4	0.5	0.5	1.4	0.6
South Carolina	1.5	0.4	0.5	1.2	0.5
Virginia	1.0	0.3	0.6	0.4	0.4
West Virginia	0.1	0.1	0.1	0.7	0.2
East South Central	0.5	0.5	1.2	1.2	0.9
Alabama	1.3	0.5	2.7	5.0	1.1
Kentucky	1.1	0.7	1.5	0.4	1.7
Mississippi	0.8	1.7	1.2	6.6	0.6
Tennessee	0.7	0.7	2.4	1.1	1.9
West South Central	0.6	2.0	0.9	4.1	0.5
Arkansas	0.7	1.5	2.7	4.3	0.7
Louisiana	0.7	1.5	0.3	1.6	0.4
Oklahoma	0.7	1.5	1.2	0.9	0.4
Texas	0.7	2.0	0.6	5.2	0.5
Mountain	0.5	3.3	0.5	NM	0.4
Arizona	0.4	0.3	0.8	NM	0.3
Colorado	1.3	0.8	1.2	NM	0.6
Idaho	0.6	0.3	1.6	6.2	1.8
Montana	2.0	0.8	1.7	NM	0.9
Nevada	1.6	NM	0.2	9.4	1.1
New Mexico	1.5	1.3	2.3	NM	1.0
Utah	1.2	1.0	0.5	NM	0.5
Wyoming	1.6	0.9	1.1	NM	0.5
Pacific Contiguous	0.9	NM	3.8	NM	1.7
California	1.2	NM	1.9	NM	1.6
Oregon	1.1	0.5	7.8	4.0	3.8
Washington	1.2	0.8	NM	2.7	5.5
Pacific Noncontiguous	0.2	0.1	0.4	NM	0.2
Alaska	0.5	0.4	1.7	NM	0.5
Hawaii	-	-	-	-	-
U.S. Average	0.4	2.2	0.6	5.0	0.3

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 (October) 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	36,339	35,388	41,655	41,100	20,040	21,771	1,333	1,248	99,368	99,508
Connecticut	10,213	9,925	10,610	10,403	4,511	4,678	467	463	25,801	25,468
Maine	3,293	3,235	3,164	3,182	2,989	3,933	47	48	9,493	10,399
Massachusetts	15,481	15,104	20,116	19,892	8,258	8,555	601	534	44,455	44,085
New Hampshire	3,290	3,163	3,362	3,285	1,868	2,109	112	110	8,632	8,667
Rhode Island	2,359	2,267	2,771	2,725	1,102	1,162	68	55	6,300	6,209
Vermont	1,705	1,693	1,632	1,614	1,312	1,335	39	39	4,687	4,681
Mid Atlantic	103,261	98,002	118,661	115,034	70,003	71,293	12,773	13,197	304,699	297,526
New Jersey	22,771	21,708	29,771	29,093	9,587	10,556	410	411	62,539	61,768
New York	39,001	37,097	51,916	51,236	20,842	20,593	11,168	11,430	122,928	120,355
Pennsylvania	41,490	39,197	36,974	34,705	39,574	40,145	1,195	1,357	119,233	115,404
East North Central	153,257	144,093	137,312	134,310	174,229	178,578	13,519	14,183	478,316	471,164
Illinois	37,721	35,450	37,042	36,591	32,533	35,256	8,098	8,698	115,394	115,995
Indiana	25,989	24,657	18,205	18,189	39,952	39,238	521	824	84,667	82,909
Michigan	28,916	26,773	31,744	30,389	29,796	29,758	733	722	91,189	87,642
Ohio	42,589	40,032	34,417	33,575	49,702	52,225	3,533	3,329	130,242	129,161
Wisconsin	18,042	17,181	15,903	15,566	22,246	22,100	634	610	56,824	55,457
West North Central	79,305	76,055	68,930	68,483	63,419	62,125	5,774	5,743	217,428	212,405
Iowa	11,015	10,417	7,194	7,005	14,159	14,059	1,297	1,273	33,666	32,754
Kansas	11,018	10,514	11,342	10,991	8,223	8,451	514	513	31,096	30,469
Minnesota	17,124	16,239	16,048	16,868	18,361	17,100	579	615	52,112	50,823
Missouri	26,567	25,692	22,767	22,143	12,929	13,169	956	925	63,218	61,929
Nebraska	7,489	7,302	6,227	6,130	6,284	6,085	1,642	1,602	21,642	21,120
North Dakota	2,996	2,900	2,836	2,824	2,095	1,951	385	396	8,312	8,072
South Dakota	3,096	2,990	2,516	2,520	1,368	1,310	402	418	7,382	7,238
South Atlantic	264,017	251,866	207,923	206,166	139,580	134,389	19,177	18,632	630,696	611,053
Delaware	3,342	3,252	3,143	3,103	3,474	3,388	47	51	10,007	9,794
District of Columbia	1,511	1,456	7,334	7,213	235	239	352	300	9,433	9,208
Florida	91,290	86,721	64,895	62,706	15,955	15,426	4,861	4,733	177,000	169,586
Georgia	40,678	38,039	33,202	32,667	29,067	28,391	1,400	1,390	104,346	100,488
Maryland ²	21,379	20,862	19,368	22,126	12,043	8,556	799	752	53,589	52,297
North Carolina	41,601	39,882	33,374	32,554	26,558	26,555	1,874	1,850	103,407	100,841
South Carolina	22,579	21,728	15,485	15,400	26,664	26,221	788	798	65,516	64,147
Virginia	33,105	31,579	25,235	24,639	16,508	16,401	8,996	8,697	83,844	81,316
West Virginia	8,531	8,347	5,886	5,757	9,075	9,212	61	61	23,554	23,378
East South Central	95,188	91,443	62,330	60,444	105,185	98,837	5,034	4,962	267,737	255,685
Alabama	25,743	24,137	16,852	16,274	28,542	27,503	579	572	71,717	68,486
Kentucky	20,877	20,177	12,284	12,123	36,161	31,395	2,829	2,786	72,151	66,480
Mississippi	15,383	14,837	10,214	9,753	12,508	12,866	704	699	38,808	38,154
Tennessee	33,186	32,292	22,979	22,294	27,974	27,074	922	905	85,061	82,565
West South Central	161,785	156,101	115,744	108,658	122,462	132,443	15,960	17,945	415,951	415,146
Arkansas	13,346	13,153	7,593	7,683	14,042	14,253	627	638	35,608	35,727
Louisiana	24,513	23,328	16,085	15,472	24,881	25,055	2,387	2,332	67,865	66,187
Oklahoma	17,270	17,275	11,241	11,398	11,055	11,170	2,960	2,498	42,527	42,342
Texas	106,657	102,344	80,825	74,105	72,483	81,964	9,986	12,476	269,952	270,890
Mountain	65,234	63,597	65,853	63,613	51,841	53,891	8,818	8,738	191,746	189,840
Arizona	23,075	22,727	18,939	18,743	9,126	9,661	3,476	3,387	54,615	54,519
Colorado	12,779	12,121	15,657	15,275	8,691	8,755	1,285	1,249	38,411	37,399
Idaho	5,573	5,477	6,113	5,644	5,269	6,193	281	277	17,236	17,591
Montana	3,291	3,232	3,264	3,248	2,829	2,790	267	283	9,651	9,552
Nevada	8,470	8,393	6,479	5,615	9,643	9,496	523	493	25,114	23,997
New Mexico	4,416	4,261	5,911	5,747	4,262	4,440	1,952	1,961	16,542	16,409
Utah	5,818	5,624	6,980	6,917	5,770	6,106	879	904	19,448	19,551
Wyoming	1,812	1,763	2,510	2,425	6,251	6,451	156	183	10,729	10,821
Pacific Contiguous	106,781	103,428	125,965	114,128	63,714	78,876	9,948	13,727	306,407	310,160
California ³	66,454	63,423	93,907	82,002	42,350	54,063	6,331	10,130	209,042	209,618
Oregon	14,137	14,123	12,221	12,344	9,027	10,298	384	368	35,769	37,134
Washington	26,191	25,883	19,837	19,782	12,337	14,515	3,233	3,228	61,597	63,408
Pacific Noncontiguous	3,882	3,722	4,394	4,370	4,009	3,941	215	209	12,500	12,242
Alaska	1,568	1,509	1,826	1,853	970	895	171	165	4,535	4,423
Hawaii	2,314	2,212	2,568	2,517	3,039	3,046	44	43	7,965	7,819
U.S. Total	1,069,049	1,023,694	948,765	916,307	814,483	836,145	92,550	98,583	2,924,848	2,874,729

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

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

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

Notes: • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

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

Table 48. Revenue from U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, 1990 Through October 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
Total	90,595	75,510	39,642	6,095	211,841
Year to Date					
2002	90,595	75,510	39,642	6,095	211,841
2001	88,107	72,827	42,848	6,356	210,138
2000	82,468	65,866	41,228	6,025	195,588

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, October 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	366	375	409	441	149	168	18	18	943	1,001
Connecticut	98	91	101	96	36	38	5	5	240	230
Maine ³	41	38	NM	40	NM	20	1	1	80	100
Massachusetts ³	148	166	200	225	67	72	9	8	423	472
New Hampshire	38	36	36	35	18	18	1	1	94	90
Rhode Island ³	21	23	25	26	9	10	2	1	56	61
Vermont	20	20	18	18	10	10	1	1	49	48
Mid Atlantic	1,022	953	1,205	1,165	408	403	119	81	2,754	2,601
New Jersey	186	176	256	263	68	84	8	5	517	527
New York	481	459	644	630	102	98	95	63	1,322	1,251
Pennsylvania	355	317	306	272	238	221	17	13	915	823
East North Central	1,018	945	1,064	964	829	822	86	87	2,997	2,818
Illinois	243	225	334	269	178	168	48	49	804	710
Indiana	158	151	113	106	162	158	5	5	438	420
Michigan	204	184	241	221	146	162	8	8	599	575
Ohio	287	265	273	271	241	239	20	20	821	795
Wisconsin	126	121	102	97	102	95	5	5	336	318
West North Central	476	424	382	374	265	261	35	35	1,158	1,094
Iowa	75	70	46	44	61	57	8	8	191	180
Kansas	71	55	70	70	39	36	NM	4	184	165
Minnesota	114	101	90	86	74	77	4	4	282	268
Missouri	135	125	112	111	52	54	6	6	305	296
Nebraska	41	37	32	32	24	23	NM	10	106	101
North Dakota	19	17	17	16	9	8	NM	2	47	43
South Dakota	20	19	15	15	6	6	NM	2	44	41
South Atlantic	1,937	1,693	1,333	1,327	624	586	131	125	4,026	3,731
Delaware	24	22	22	20	15	17	1	1	62	59
District of Columbia	7	7	50	50	2	1	2	2	61	60
Florida	797	692	457	449	85	82	41	39	1,380	1,262
Georgia	270	232	216	214	118	120	12	12	616	578
Maryland ⁵	133	118	90	125	68	31	7	7	298	282
North Carolina	302	261	224	184	126	127	13	13	666	584
South Carolina	155	129	103	119	105	104	5	5	368	357
Virginia	207	190	141	134	68	68	48	45	463	438
West Virginia	44	43	31	31	37	36	1	1	112	111
East South Central	552	458	401	360	406	370	33	30	1,392	1,217
Alabama	160	130	114	102	114	98	4	4	392	334
Kentucky	93	83	65	59	116	105	13	12	287	259
Mississippi	122	89	74	64	57	56	7	6	260	215
Tennessee	178	155	148	135	120	111	8	8	453	409
West South Central	1,150	1,141	765	793	648	629	111	124	2,674	2,686
Arkansas	93	79	47	45	60	64	5	4	204	192
Louisiana	195	167	118	116	114	119	17	18	445	420
Oklahoma	108	81	67	58	47	42	19	11	241	191
Texas	755	814	533	574	427	403	70	92	1,784	1,883
Mountain	466	472	452	436	254	254	NM	44	1,212	1,206
Arizona	187	197	147	152	49	52	NM	13	396	414
Colorado	88	85	92	92	40	41	NM	9	228	226
Idaho ²	35	30	31	28	18	21	2	1	86	80
Montana	22	19	20	18	12	12	NM	2	57	51
Nevada	53	62	NM	47	70	65	3	3	192	176
New Mexico	35	35	43	44	20	21	NM	10	108	111
Utah	33	33	37	41	22	20	NM	4	95	98
Wyoming	12	11	15	13	23	23	NM	1	51	48
Pacific Contiguous	1,018	1,021	NM	1,490	490	658	NM	118	3,302	3,287
California ⁴	797	814	NM	1,301	398	565	NM	99	2,761	2,778
Oregon	84	79	84	75	41	42	4	3	213	199
Washington	137	128	126	114	51	52	15	16	328	310
Pacific Noncontiguous	57	55	58	57	43	42	3	3	161	158
Alaska	19	19	19	20	7	8	NM	2	47	49
Hawaii	38	36	39	38	36	35	1	1	114	109
U.S. Total	8,062	7,537	7,809	7,407	4,116	4,193	632	663	20,619	19,800

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

² Increase in rates for Industrial consumers in Idaho resulted in higher revenues and prices (cents/KWH) over October 2001.

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

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

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

Notes: • Values for 2001 have been revised and are preliminary. • Values for 2002 are estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities may classify commercial and industrial consumers based on either NAICS codes or demand/or usage falling within specified limits (based on different rate schedules.) • Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. • Totals may not equal sum of components because of independent rounding.

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

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

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.3	0.2	0.7	1.3	0.3
Connecticut	0.2	0.2	0.3	1.5	0.2
Maine	0.2	NM	NM	0.9	0.2
Massachusetts	0.6	0.4	1.2	1.0	0.5
New Hampshire	0.2	0.2	0.3	0.2	0.2
Rhode Island	0.2	0.1	0.2	0.1	0.1
Vermont	1.5	0.6	0.9	2.3	0.9
Mid Atlantic	0.2	0.1	1.2	7.7	0.7
New Jersey	0.2	0.1	0.3	0.1	0.1
New York	0.1	0.1	3.0	7.5	1.2
Pennsylvania	0.3	0.1	0.1	0.2	0.2
East North Central	0.2	0.2	0.3	0.2	0.2
Illinois	0.2	0.2	0.3	0.1	0.3
Indiana	0.4	0.3	0.5	1.3	0.4
Michigan	0.4	0.3	0.8	1.5	0.3
Ohio	0.3	0.2	0.4	0.3	0.3
Wisconsin	0.6	0.5	1.1	0.9	0.5
West North Central	0.9	0.3	1.1	7.9	0.6
Iowa	1.3	1.3	2.0	2.6	1.1
Kansas	5.2	0.6	1.1	NM	2.9
Minnesota	1.1	0.6	1.6	3.1	0.7
Missouri	0.5	0.3	2.5	1.3	0.7
Nebraska	1.2	1.1	2.5	NM	1.0
North Dakota	1.5	1.1	4.4	NM	1.6
South Dakota	1.9	1.1	2.0	NM	1.4
South Atlantic	0.4	0.3	0.5	0.6	0.2
Delaware	0.5	0.5	0.7	0.6	0.5
District of Columbia	-	-	-	-	-
Florida	0.4	0.4	1.3	0.7	0.3
Georgia	0.7	0.4	0.7	2.3	0.4
Maryland	1.1	0.8	0.3	1.2	0.8
North Carolina	0.5	0.4	0.5	0.8	0.3
South Carolina	0.5	0.3	0.4	0.9	0.3
Virginia	0.4	0.2	0.5	0.2	0.2
West Virginia	0.1	0.1	0.1	0.4	0.1
East South Central	1.3	0.2	0.6	1.0	0.6
Alabama	0.5	0.3	1.7	2.6	0.5
Kentucky	0.6	0.5	0.6	0.2	0.5
Mississippi	5.9	0.6	0.8	4.5	3.0
Tennessee	0.4	0.4	0.9	0.6	0.6
West South Central	5.3	0.7	0.5	2.9	2.6
Arkansas	5.7	0.6	1.6	3.2	3.4
Louisiana	5.0	0.6	0.2	1.2	2.0
Oklahoma	6.0	0.6	0.7	1.0	2.6
Texas	5.4	0.7	0.4	3.5	2.7
Mountain	0.3	6.4	0.6	NM	0.7
Arizona	0.2	0.3	1.0	NM	0.4
Colorado	0.7	0.8	1.5	NM	0.9
Idaho	0.6	0.4	0.9	6.2	0.8
Montana	1.5	0.6	1.2	NM	0.8
Nevada	1.1	NM	0.7	4.2	3.2
New Mexico	0.8	1.1	2.4	NM	1.3
Utah	0.6	1.0	0.8	NM	0.9
Wyoming	1.2	0.7	0.6	NM	0.6
Pacific Contiguous	0.5	NM	3.6	NM	3.3
California	0.8	NM	4.2	NM	3.6
Oregon	0.8	0.6	2.5	4.1	1.1
Washington	0.8	0.8	4.4	3.1	1.7
Pacific Noncontiguous	0.2	0.2	0.2	10.0	0.2
Alaska	0.5	0.7	1.3	NM	0.6
Hawaii	-	-	-	-	-
U.S. Average	1.0	6.4	0.5	3.8	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 51. Estimated Revenue from U.S. Electric Utility Retail Sales to Ultimate Consumers by Sector, Census Division, and State, Year-to-Date (October) 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	4,054	4,253	4,109	4,290	1,479	1,784	181	155	9,822	10,482
Connecticut	1,124	1,083	988	962	348	358	45	43	2,505	2,447
Maine ²	407	418	335	399	113	225	11	10	866	1,052
Massachusetts ²	1,680	1,862	2,036	2,113	665	792	88	69	4,469	4,837
New Hampshire	386	400	336	349	165	193	13	15	901	957
Rhode Island ²	239	277	232	287	86	112	17	11	574	687
Vermont	218	212	181	179	103	105	6	6	508	502
Mid Atlantic	11,697	11,214	12,141	11,988	4,079	4,191	1,062	812	28,979	28,204
New Jersey	2,398	2,252	2,717	2,672	727	870	63	46	5,905	5,840
New York	5,291	5,219	6,350	6,448	1,035	1,048	864	639	13,540	13,355
Pennsylvania	4,008	3,742	3,074	2,868	2,317	2,273	135	127	9,533	9,009
East North Central	12,432	11,823	10,322	9,716	8,181	8,183	836	851	31,771	30,573
Illinois	3,221	3,138	3,111	2,706	1,830	1,670	461	482	8,623	7,995
Indiana	1,797	1,704	1,105	1,055	1,589	1,566	50	49	4,541	4,374
Michigan	2,452	2,261	2,404	2,316	1,462	1,538	83	81	6,402	6,195
Ohio	3,503	3,364	2,661	2,648	2,325	2,448	191	193	8,680	8,653
Wisconsin	1,460	1,356	1,040	991	975	961	50	47	3,525	3,355
West North Central	5,937	5,668	4,213	4,200	2,729	2,750	358	343	13,237	12,961
Iowa	929	884	483	481	584	602	82	81	2,078	2,047
Kansas	851	814	715	689	382	391	39	38	1,988	1,933
Minnesota	1,296	1,250	956	1,026	781	787	46	47	3,079	3,110
Missouri	1,916	1,824	1,375	1,333	592	607	59	58	3,941	3,822
Nebraska	513	478	352	337	244	229	98	87	1,206	1,132
North Dakota	197	192	174	168	84	77	16	16	471	452
South Dakota	235	225	159	165	63	59	17	16	474	465
South Atlantic	21,028	20,322	13,563	13,637	5,972	5,919	1,244	1,200	41,807	41,077
Delaware	292	280	233	215	150	150	8	7	683	652
District of Columbia	129	117	546	533	12	12	22	16	708	677
Florida	7,463	7,412	4,327	4,415	841	828	380	370	13,011	13,025
Georgia	3,175	3,017	2,159	2,199	1,162	1,250	121	120	6,618	6,586
Maryland	1,681	1,626	1,312	1,435	476	364	74	62	3,543	3,486
North Carolina	3,411	3,243	2,177	2,101	1,265	1,264	126	122	6,980	6,731
South Carolina	1,755	1,679	1,011	997	1,039	1,024	52	51	3,857	3,752
Virginia	2,588	2,427	1,480	1,429	683	683	455	445	5,205	4,984
West Virginia	533	521	318	312	344	344	7	7	1,201	1,183
East South Central	6,268	5,953	3,949	3,775	4,015	3,822	317	310	14,549	13,859
Alabama	1,835	1,700	1,125	1,068	1,116	1,074	42	40	4,118	3,882
Kentucky	1,176	1,115	651	624	1,150	992	130	127	3,108	2,858
Mississippi	1,133	1,097	698	683	555	579	63	64	2,449	2,422
Tennessee	2,124	2,041	1,475	1,400	1,193	1,177	82	79	4,875	4,697
West South Central	12,637	13,235	7,702	8,219	5,577	6,961	1,084	1,316	27,000	29,731
Arkansas	985	1,016	460	479	595	644	44	45	2,083	2,183
Louisiana	1,782	1,896	1,079	1,214	1,091	1,460	153	185	4,106	4,754
Oklahoma	1,174	1,263	657	749	425	498	157	145	2,414	2,655
Texas	8,697	9,060	5,506	5,778	3,466	4,359	729	942	18,398	20,139
Mountain	5,178	5,001	4,387	4,174	2,587	2,610	414	414	12,572	12,199
Arizona	1,935	1,924	1,401	1,408	488	522	129	126	3,952	3,979
Colorado	935	904	890	881	383	395	82	82	2,291	2,263
Idaho ⁴	380	327	351	288	246	222	15	13	992	850
Montana	239	219	195	180	114	163	21	20	568	582
Nevada	792	756	588	473	716	627	31	30	2,127	1,885
New Mexico	382	373	433	430	199	241	99	98	1,112	1,141
Utah	390	380	385	384	219	219	35	37	1,029	1,021
Wyoming	126	117	144	131	223	220	8	8	500	477
Pacific Contiguous	10,822	10,101	14,586	12,273	4,628	6,213	565	926	30,601	29,513
California ³	8,066	7,699	12,497	10,517	3,680	4,997	371	761	24,614	23,974
Oregon	1,050	891	839	660	442	440	36	29	2,367	2,019
Washington	1,706	1,511	1,250	1,095	505	776	159	137	3,619	3,519
Pacific Noncontiguous	542	539	538	555	395	415	29	28	1,504	1,538
Alaska	191	183	187	189	75	69	23	22	477	463
Hawaii	351	356	351	367	320	346	6	6	1,027	1,075
U.S. Total	90,595	88,107	75,510	72,827	39,642	42,848	6,095	6,356	211,841	210,138

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

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

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

⁴ Increase in rates for Industrial consumers in Idaho resulted in higher revenues and prices (cents/KWH) over October 2001.

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 October 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
Average	8.47	7.96	4.87	6.59	7.24
Year to Date Average					
2002	8.47	7.96	4.87	6.59	7.24
2001	8.61	7.95	5.12	6.45	7.31
2000	8.29	7.43	4.62	6.57	6.83

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, October 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	11.4	12.3	9.8	10.9	7.3	7.6	12.8	13.1	9.9	10.6
Connecticut	11.2	11.4	9.4	9.5	7.9	7.6	9.5	9.5	9.8	9.7
Maine ³	13.6	13.2	NM	13.7	NM	4.6	22.6	22.3	8.7	9.7
Massachusetts ³	10.8	12.7	10.0	11.4	8.0	8.7	13.3	14.6	9.9	11.3
New Hampshire	12.6	12.7	10.7	10.7	9.3	9.1	11.8	12.3	11.1	11.0
Rhode Island ³	10.5	11.7	8.6	9.3	7.7	8.8	26.7	21.6	9.2	10.1
Vermont	13.0	13.0	11.3	11.3	7.8	7.9	16.8	15.0	10.9	10.9
Mid Atlantic	11.4	11.5	10.3	10.7	5.7	5.7	9.1	6.4	9.4	9.5
New Jersey	9.9	9.9	8.7	9.2	7.0	8.0	16.2	10.4	8.9	9.2
New York	13.8	14.2	12.7	13.3	5.0	4.8	8.6	5.8	11.3	11.3
Pennsylvania	9.8	9.8	8.3	8.2	5.7	5.6	10.4	11.0	7.9	7.7
East North Central	8.2	8.2	7.7	7.4	4.7	4.7	6.2	6.0	6.6	6.5
Illinois	8.6	8.8	8.9	7.6	5.4	5.0	5.9	5.5	7.5	6.9
Indiana	7.4	7.5	6.3	6.2	3.9	4.1	9.3	8.8	5.4	5.5
Michigan	8.2	8.2	7.6	7.6	4.8	5.2	10.6	10.6	6.8	6.9
Ohio	8.3	8.3	7.9	8.1	4.8	4.8	5.4	5.6	6.7	6.7
Wisconsin	8.2	8.0	6.5	6.4	4.3	4.2	7.6	7.7	6.1	5.9
West North Central	7.3	7.4	5.7	5.7	4.1	4.1	6.2	6.6	5.7	5.7
Iowa	8.4	8.5	6.5	6.5	3.9	4.0	6.4	6.5	5.8	5.8
Kansas	8.0	7.8	6.3	6.3	4.7	4.7	7.8	7.5	6.4	6.3
Minnesota	7.3	7.3	5.4	5.5	4.1	4.1	7.5	7.9	5.5	5.5
Missouri	6.6	6.9	5.2	5.4	3.9	4.1	5.8	7.4	5.4	5.6
Nebraska	6.8	6.6	5.4	5.4	3.7	3.6	NM	6.7	5.3	5.3
North Dakota	6.8	7.0	5.8	5.9	NM	3.9	NM	4.4	5.6	5.6
South Dakota	7.9	7.9	6.4	6.2	4.6	4.5	NM	4.3	6.5	6.4
South Atlantic	8.0	8.2	6.5	6.6	4.2	4.4	6.4	6.7	6.5	6.7
Delaware	8.6	8.7	7.1	6.9	4.1	5.3	16.8	15.4	6.4	6.9
District of Columbia	6.7	6.8	6.9	7.2	5.0	4.4	5.5	7.9	6.7	7.1
Florida	8.1	8.7	6.6	7.1	5.3	5.4	7.6	8.1	7.3	7.7
Georgia	7.6	7.9	6.5	6.8	3.9	4.2	8.5	8.8	6.1	6.4
Maryland	7.7	7.4	7.3	6.0	3.7	3.8	9.2	8.8	6.1	6.1
North Carolina	8.6	8.7	6.6	5.9	4.8	4.8	6.7	7.0	6.8	6.5
South Carolina	7.8	8.0	6.5	8.0	3.9	3.9	6.4	6.6	5.8	6.1
Virginia	7.7	7.9	5.7	5.8	4.0	4.1	5.1	5.2	6.0	6.0
West Virginia	6.5	6.6	5.5	5.5	3.8	3.8	10.2	10.0	5.0	5.1
East South Central	6.9	6.7	6.4	6.3	3.9	3.6	6.4	6.2	5.5	5.2
Alabama	7.1	7.3	6.6	6.5	4.0	3.7	7.2	6.9	5.7	5.5
Kentucky	5.8	5.7	5.4	5.2	3.2	2.9	4.7	4.5	4.3	4.0
Mississippi	8.2	7.3	6.8	6.6	4.4	4.2	8.8	8.5	6.6	6.0
Tennessee	6.5	6.5	6.5	6.4	4.5	4.2	8.9	8.8	5.8	5.7
West South Central	7.9	8.6	6.7	7.6	4.6	4.8	6.5	7.1	6.4	7.0
Arkansas	7.3	7.6	5.5	6.0	3.7	4.3	6.8	6.7	5.4	5.7
Louisiana	7.7	7.9	6.8	7.4	4.6	4.8	6.6	7.4	6.3	6.5
Oklahoma	7.5	6.7	6.3	7.7	3.6	3.4	5.4	5.4	5.8	5.7
Texas	8.1	9.2	6.8	7.8	5.0	5.2	6.8	7.4	6.7	7.5
Mountain	8.3	8.2	7.0	6.9	4.9	4.9	NM	5.0	6.8	6.6
Arizona	9.0	8.9	7.8	7.8	5.6	5.4	NM	3.8	7.7	7.6
Colorado	7.8	7.7	6.0	6.1	4.5	4.7	NM	7.0	6.2	6.2
Idaho ⁴	6.9	6.4	6.0	5.7	3.6	3.7	5.7	5.3	5.5	5.2
Montana	7.7	7.3	6.4	5.6	4.0	4.4	NM	7.9	6.1	5.8
Nevada	9.6	9.1	9.8	8.7	7.3	7.1	NM	6.0	8.6	8.1
New Mexico	9.0	9.2	7.4	7.7	4.8	5.1	NM	5.3	6.9	7.1
Utah	6.7	6.4	5.7	5.7	3.9	3.7	NM	4.3	5.3	5.3
Wyoming	7.8	7.0	5.9	6.7	3.6	3.4	NM	4.9	4.8	4.6
Pacific Contiguous	10.0	10.5	NM	12.5	7.7	8.9	NM	7.6	10.5	10.7
California ²	11.6	12.5	NM	14.9	9.2	10.6	NM	8.7	12.3	12.8
Oregon	7.3	6.9	6.8	6.1	4.9	4.4	9.3	7.9	6.5	5.9
Washington	6.5	6.1	6.4	5.8	NM	4.8	4.6	4.2	5.9	5.6
Pacific Noncontiguous	14.4	14.8	12.6	12.9	10.4	10.4	12.5	13.8	12.4	12.7
Alaska	12.1	13.0	10.1	11.0	7.7	8.1	12.2	13.8	10.4	11.2
Hawaii	15.8	15.9	14.2	14.2	11.1	11.1	13.8	13.8	13.5	13.5
U.S. Average	8.55	8.86	8.18	8.28	4.85	5.05	6.67	6.70	7.26	7.40

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

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

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

⁴ Increase in rates for Industrial consumers in Idaho resulted in higher revenues and prices (cents/KWH) over October 2001.

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, October 2002
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.3	0.3	1.0	0.7	0.3
Connecticut	0.2	0.3	0.4	0.9	0.2
Maine	0.1	NM	NM	0.4	0.2
Massachusetts	0.6	0.5	1.9	0.9	0.6
New Hampshire	0.2	0.2	0.5	0.2	0.2
Rhode Island	0.2	0.1	0.4	0.1	0.2
Vermont	1.5	0.7	1.4	1.8	1.0
Mid Atlantic	0.2	0.1	0.8	8.1	0.7
New Jersey	0.2	0.1	0.4	0.1	0.2
New York	0.1	0.1	2.3	8.2	1.1
Pennsylvania	0.3	0.1	0.1	0.1	0.2
East North Central	0.3	0.4	0.8	0.4	0.4
Illinois	0.4	0.2	0.6	0.2	0.5
Indiana	0.6	0.5	1.1	1.8	1.0
Michigan	0.5	1.0	1.7	1.6	0.3
Ohio	0.4	0.3	1.0	0.6	0.7
Wisconsin	0.6	1.1	2.8	1.9	0.5
West North Central	1.0	0.9	2.4	5.3	0.7
Iowa	1.4	3.2	5.0	2.6	1.1
Kansas	5.4	1.5	1.6	9.9	2.8
Minnesota	1.2	2.1	3.6	3.7	0.8
Missouri	0.8	0.5	3.6	1.7	1.6
Nebraska	2.2	1.9	5.3	NM	1.0
North Dakota	2.6	1.9	NM	NM	1.4
South Dakota	3.2	2.0	5.3	NM	1.3
South Atlantic	1.0	0.6	0.9	1.1	0.6
Delaware	0.6	0.7	1.0	0.5	0.6
District of Columbia	-	-	-	-	-
Florida	0.9	0.7	2.5	1.4	0.7
Georgia	1.9	0.8	1.2	3.1	0.9
Maryland	1.2	1.0	0.4	1.0	0.9
North Carolina	1.3	0.7	0.8	1.7	0.7
South Carolina	1.5	0.6	0.7	1.5	0.7
Virginia	1.0	0.5	0.9	0.4	0.5
West Virginia	0.1	0.1	0.1	0.8	0.2
East South Central	1.4	0.5	1.3	1.6	0.9
Alabama	1.3	0.6	3.3	3.8	0.9
Kentucky	1.0	0.9	1.5	0.3	1.7
Mississippi	6.2	1.5	1.3	7.2	3.0
Tennessee	0.6	0.7	2.1	1.0	1.5
West South Central	5.5	1.9	0.8	4.6	2.6
Arkansas	5.9	1.6	2.4	5.1	3.3
Louisiana	5.2	1.3	0.3	1.6	1.9
Oklahoma	6.3	1.5	1.2	1.4	2.6
Texas	5.6	1.9	0.7	5.6	2.7
Mountain	0.6	9.6	0.7	NM	0.9
Arizona	0.5	0.5	1.2	NM	0.6
Colorado	1.4	1.3	1.9	NM	1.3
Idaho	1.0	0.5	2.3	5.3	2.2
Montana	2.6	1.2	2.6	NM	0.9
Nevada	0.5	NM	0.6	NM	4.1
New Mexico	1.7	2.0	3.1	NM	1.8
Utah	1.3	1.6	1.0	NM	1.2
Wyoming	2.0	1.3	1.6	NM	0.6
Pacific Contiguous	0.5	NM	3.1	NM	4.1
California	0.5	NM	2.8	NM	4.9
Oregon	1.5	0.7	7.4	3.3	3.6
Washington	1.4	0.9	NM	3.0	4.5
Pacific Noncontiguous	0.3	0.3	0.4	7.7	0.2
Alaska	0.8	1.0	2.7	9.9	0.8
Hawaii	-	-	-	-	-
U.S. Average	1.0	8.5	0.6	3.0	0.9

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 (October) 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	9.9	10.4	7.4	8.2	13.6	12.4	9.9	10.5
Connecticut	11.0	10.9	9.3	9.2	7.7	7.7	9.7	9.3	9.7	9.6
Maine ³	12.4	12.9	10.6	12.5	3.8	5.7	22.6	21.6	9.1	10.1
Massachusetts ³	10.9	12.3	10.1	10.6	8.0	9.3	14.6	13.0	10.1	11.0
New Hampshire	11.7	12.6	10.0	10.6	8.8	9.1	11.8	13.9	10.4	11.0
Rhode Island ³	10.1	12.2	8.4	10.5	7.8	9.6	25.3	19.9	9.1	11.1
Vermont	12.8	12.6	11.1	11.1	7.8	7.8	16.3	14.7	10.8	10.7
Mid Atlantic	11.3	11.4	10.2	10.4	5.8	5.9	8.3	6.1	9.5	9.5
New Jersey	10.5	10.4	9.1	9.2	7.6	8.2	15.4	11.1	9.4	9.5
New York	13.6	14.1	12.2	12.6	5.0	5.1	7.7	5.6	11.0	11.1
Pennsylvania	9.7	9.5	8.3	8.3	5.9	5.7	11.3	9.3	8.0	7.8
East North Central	8.1	8.2	7.5	7.2	4.7	4.6	6.2	6.0	6.6	6.5
Illinois	8.5	8.9	8.4	7.4	5.6	4.7	5.7	5.5	7.5	6.9
Indiana	6.9	6.9	6.1	5.8	4.0	4.0	9.6	5.9	5.4	5.3
Michigan	8.5	8.4	7.6	7.6	4.9	5.2	11.4	11.2	7.0	7.1
Ohio	8.2	8.4	7.7	7.9	4.7	4.7	5.4	5.8	6.7	6.7
Wisconsin	8.1	7.9	6.5	6.4	4.4	4.3	7.9	7.7	6.2	6.0
West North Central	7.5	7.5	6.1	6.1	4.3	4.4	6.2	6.0	6.1	6.1
Iowa	8.4	8.5	6.7	6.9	4.1	4.3	6.4	6.3	6.2	6.2
Kansas	7.7	7.7	6.3	6.3	4.7	4.6	7.6	7.5	6.4	6.3
Minnesota	7.6	7.7	6.0	6.1	4.3	4.6	8.0	7.7	5.9	6.1
Missouri	7.2	7.1	6.0	6.0	4.6	4.6	6.2	6.3	6.2	6.2
Nebraska	6.8	6.6	5.7	5.5	3.9	3.8	5.9	5.5	5.6	5.4
North Dakota	6.6	6.6	6.1	5.9	4.0	3.9	4.2	4.0	5.7	5.6
South Dakota	7.6	7.5	6.3	6.6	4.6	4.5	4.2	3.8	6.4	6.4
South Atlantic	8.0	8.1	6.5	6.6	4.3	4.4	6.5	6.4	6.6	6.7
Delaware	8.7	8.6	7.4	6.9	4.3	4.4	16.5	14.2	6.8	6.7
District of Columbia	8.5	8.0	7.4	7.4	5.0	4.9	6.1	5.2	7.5	7.4
Florida	8.2	8.5	6.7	7.0	5.3	5.4	7.8	7.8	7.4	7.7
Georgia	7.8	7.9	6.5	6.7	4.0	4.4	8.7	8.6	6.3	6.6
Maryland	7.9	7.8	6.8	6.5	4.0	4.3	9.2	8.2	6.6	6.7
North Carolina	8.2	8.1	6.5	6.5	4.8	4.8	6.7	6.6	6.7	6.7
South Carolina	7.8	7.7	6.5	6.5	3.9	3.9	6.6	6.4	5.9	5.8
Virginia	7.8	7.7	5.9	5.8	4.1	4.2	5.1	5.1	6.2	6.1
West Virginia	6.2	6.2	5.4	5.4	3.8	3.7	10.8	10.7	5.1	5.1
East South Central	6.6	6.5	6.3	6.2	3.8	3.9	6.3	6.3	5.4	5.4
Alabama	7.1	7.0	6.7	6.6	3.9	3.9	7.2	7.0	5.7	5.7
Kentucky	5.6	5.5	5.3	5.2	3.2	3.2	4.6	4.6	4.3	4.3
Mississippi	7.4	7.4	6.8	7.0	4.4	4.5	9.0	9.1	6.3	6.3
Tennessee	6.4	6.3	6.4	6.3	4.3	4.3	8.9	8.7	5.7	5.7
West South Central	7.8	8.5	6.7	7.6	4.6	5.3	6.8	7.3	6.5	7.2
Arkansas	7.4	7.7	6.1	6.2	4.2	4.5	7.0	7.1	5.8	6.1
Louisiana	7.3	8.1	6.7	7.8	4.4	5.8	6.4	7.9	6.0	7.2
Oklahoma	6.8	7.3	5.8	6.6	3.8	4.5	5.3	5.8	5.7	6.3
Texas	8.2	8.9	6.8	7.8	4.8	5.3	7.3	7.5	6.8	7.4
Mountain	7.9	7.9	6.7	6.6	5.0	4.8	4.8	4.7	6.6	6.4
Arizona	8.4	8.5	7.4	7.5	5.3	5.4	3.7	3.7	7.2	7.3
Colorado	7.3	7.5	5.7	5.8	4.4	4.5	6.4	6.6	6.0	6.0
Idaho ⁴	6.8	6.0	5.7	5.1	4.7	3.6	5.5	4.7	5.8	4.8
Montana	7.3	6.8	6.0	5.6	4.0	5.8	7.7	7.0	5.9	6.1
Nevada	9.3	9.0	9.1	8.4	7.4	6.6	6.0	6.0	8.5	7.9
New Mexico	8.6	8.8	7.3	7.5	4.7	5.4	5.0	5.0	6.7	7.0
Utah	6.7	6.8	5.5	5.6	3.8	3.6	4.0	4.1	5.3	5.2
Wyoming	7.0	6.7	5.7	5.4	3.6	3.4	5.1	4.5	4.7	4.4
Pacific Contiguous	10.1	9.8	11.6	10.8	7.3	7.9	5.7	6.7	10.0	9.5
California ²	12.1	12.1	13.3	12.8	8.7	9.2	5.9	7.5	11.8	11.4
Oregon	7.4	6.3	6.9	5.3	4.9	4.3	9.3	7.8	6.6	5.4
Washington	6.5	5.8	6.3	5.5	4.1	5.3	4.9	4.2	5.9	5.5
Pacific Noncontiguous	14.0	14.5	12.2	12.7	9.9	10.5	13.4	13.5	12.0	12.6
Alaska	12.2	12.1	10.3	10.2	7.8	7.7	13.5	13.4	10.5	10.5
Hawaii	15.2	16.1	13.7	14.6	10.5	11.4	13.1	14.1	12.9	13.8
U.S. Average	8.47	8.61	7.96	7.95	4.87	5.12	6.59	6.45	7.24	7.31

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

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

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

⁴ Increase in rates for Industrial consumers in Idaho resulted in higher revenues and prices (cents/KWH) over October 2001.

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, October 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.....	287,374	-6	26,980	1,785	-	-	132	-	315
Gantt (AL)	-	-	-	460	-	-	-	-	-
Lowman (AL)	287,374	-	-	-	-	-	132	-	-
McIntosh-CAES (AL)	-	-	4,897	-	-	-	-	-	36
McWilliams (AL)	-	-	22,083	-	-	-	-	-	279
Point A (AL)	-	-	-	1,325	-	-	-	-	-
Portland (FL)	-	-6	-	-	-	-	-	*	-
Alabama Power Co.....	4,763,763	5,392	619,429	255,265	604,939	-	2,268	11	4,988
Bankhead Dam (AL)	-	-	-	12,658	-	-	-	-	-
Barry (AL)	1,026,638	-	456,954	-	-	-	424	-	3,188
Farley (AL)	-	-	-	-	604,939	-	-	-	-
Gadsden New (AL)	50,329	1	1,809	-	-	-	28	*	24
Gaston, E C (AL)	1,006,516	1,725	-	-	-	-	409	3	-
GE Plastics (AL)	-	-	40,277	-	-	-	-	-	489
Gorgas (AL)	511,854	1,125	-	-	-	-	211	2	-
Greene County (AL)	333,068	2,541	44,298	-	-	-	135	6	596
H Neely Henry Dam (AL)	-	-	-	10,873	-	-	-	-	-
Harris (AL)	-	-	-	13,053	-	-	-	-	-
Holt Dam (AL)	-	-	-	13,825	-	-	-	-	-
Jordan (AL)	-	-	-	12,673	-	-	-	-	-
Lay Dam (AL)	-	-	-	34,293	-	-	-	-	-
Lewis Smith Dam (AL)	-	-	-	15,268	-	-	-	-	-
Logan Martin Dam (AL)	-	-	-	21,033	-	-	-	-	-
Martin Dam (AL)	-	-	-	20,688	-	-	-	-	-
Miller (AL)	1,835,358	-	4,219	-	-	-	1,060	-	59
Mitchell Dam (AL)	-	-	-	27,500	-	-	-	-	-
Thurlow Dam (AL)	-	-	-	14,064	-	-	-	-	-
Walter Bouldin Dam (AL)	-	-	-	39,654	-	-	-	-	-
Washington County (AL)	-	-	71,872	-	-	-	-	-	633
Weiss Dam (AL)	-	-	-	11,165	-	-	-	-	-
Yates Dam (AL)	-	-	-	8,518	-	-	-	-	-
Alaska Elec Lgt & Pwr Co.....	-	91	-	27,598	-	-	-	-	-
Annex Creek (AK)	-	-	-	2,388	-	-	-	-	-
Auke Bay (AK)	-	8	-	-	-	-	-	*	-
Gold Creek (AK)	-	-	-	648	-	-	-	-	-
Lemon Creek (AK)	-	83	-	-	-	-	-	*	-
Salmon Creek (AK)	-	-	-	3,360	-	-	-	-	-
Snettisham (AK)	-	-	-	21,202	-	-	-	-	-
Alexandria (City of).....	-	-	940	-	-	-	-	-	15
D G Hunter (LA)	-	-	940	-	-	-	-	-	15
Amer Mun Power-Ohio Inc.....	86,863	-	171	-	-	-	55	-	2
Richard Gorsuch (OH)	86,863	-	171	-	-	-	55	-	2
Ameren-UE.....	2,924,175	36,601	10,612	76,989	588,220	5,933	1,710	14	117
Callaway (MO)	-	-	-	-	588,220	-	-	-	-
Howard Bend (MO)	-	-	-	-	-	-	-	-	-
Jefferson City (MO)	-	-18	-	-	-	-	-	-	-
Keokuk (IA)	-	-	-	86,652	-	-	-	-	-
Kirksville (MO)	-	-	-7	-	-	-	-	-	-
Labadie (MO)	1,192,887	224	-	-	-	-	711	*	-
Meramec (MO)	417,461	40	7,468	-	-	-	255	*	80
Mexico (MO)	-	32	-	-	-	-	-	*	-
Moberly (MO)	-	40	-	-	-	-	-	*	-
Moreau (MO)	-	132	-	-	-	-	-	*	-
Osage (MO)	-	-	-	985	-	-	-	-	-
Peno Creek (MO)	-	62	2,474	-	-	-	-	*	29
Portable (MO)	-	-	-	-	-	-	-	-	-
Rush Island (MO)	720,649	926	-	-	-	-	430	2	-
Sioux (MO)	593,178	35,163	-	-	-	5,933	314	12	-
Taum Sauk (MO)	-	-	-	-10,648	-	-	-	-	-
Venice No. 2 (IL)	-	-	663	-	-	-	-	-	8
Viaduct (MO)	-	-	14	-	-	-	-	-	1
Ames (City of).....	31,999	72	-	-	-	-	20	-	-
Ames (IA)	31,999	72	-	-	-	-	20	*	-
Ames Gt (IA)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)	-	2	54,082	14,846	-	-	-	-	704
Anchorage (AK)	-	2	5,839	-	-	-	-	*	99
Eklutna (AK)	-	-	-	14,846	-	-	-	-	-
GMS 2 (AK)	-	-	48,243	-	-	-	-	-	605
Appalachian Power Co.	2,949,774	8,230	-	18,326	-	-	1,178	14	-
Amos, John E (WV)	1,534,902	1,988	-	-	-	-	613	3	-
Buck (VA)	-	-	-	2,319	-	-	-	-	-
Byllesby 2 (VA)	-	-	-	2,997	-	-	-	-	-
Claytor (VA)	-	-	-	9,766	-	-	-	-	-
Clinch River (VA)	363,059	543	-	-	-	-	140	1	-
Glen Lyn (VA)	155,918	657	-	-	-	-	64	1	-
Kanawha River (WV)	230,794	117	-	-	-	-	96	*	-
Leesville (VA)	-	-	-	1,196	-	-	-	-	-
London (WV)	-	-	-	4,902	-	-	-	-	-
Marmet (WV)	-	-	-	4,283	-	-	-	-	-
Mountaineer (WV)	665,101	4,925	-	-	-	-	265	8	-
Niagara (VA)	-	-	-	365	-	-	-	-	-
Reusens (VA)	-	-	-	1,320	-	-	-	-	-
Smith Mountain (VA)	-	-	-	-16,390	-	-	-	-	-
Winfield (WV)	-	-	-	7,568	-	-	-	-	-
Arizona Elec Pwr Coop Inc	145,756	-	65,202	-	-	-	83	-	689
Apache Station (AZ)	145,756	-	65,202	-	-	-	83	-	689
Arizona Public Service Co	1,762,077	846	98,492	2,489	1,879,761	-	1,048	3	1,076
Childs (AZ)	-	-	-	1,546	-	-	-	-	-
Cholla (AZ)	385,476	30	59	-	-	-	259	1	1
Fairview (AZ)	-	805	-	-	-	-	-	3	-
Four Corners (NM)	1,376,601	-	1,855	-	-	-	789	-	25
Irving (AZ)	-	-	-	943	-	-	-	-	-
Ocotillo (AZ)	-	-	5,565	-	-	-	-	-	82
Palo Verde (AZ)	-	-	-	-	1,879,761	-	-	-	-
Phoenix (AZ)	-	-	58,645	-	-	-	-	-	601
Saguaro (AZ)	-	-	3,169	-	-	-	-	-	41
Yucca (AZ)	-	11	29,199	-	-	-	-	*	327
Arkansas Elec Coop Corp.	-	4,964	2,006	47,094	-	-	-	8	21
Bailey (AR)	-	2,782	886	-	-	-	-	5	10
Clyde Ellis (AR)	-	-	-	11,086	-	-	-	-	-
Dam #2 (AR)	-	-	-	24,454	-	-	-	-	-
Dam 9 (AR)	-	-	-	11,554	-	-	-	-	-
Fitzhugh (AR)	-	-	-	-	-	-	-	-	-
Fulton (AR)	-	-	-	-	-	-	-	-	-
Mc Clellan (AR)	-	2,182	1,120	-	-	-	-	3	11
Arkansas Power & Light Co	1,892,008	2,059	129,816	737	806,874	-	1,123	5	1,409
Arkansas Nuclear One(AR)	-	-	-	-	806,874	-	-	-	-
Blytheville (AR)	-	-	-	-	-	-	-	-	-
Carpenter (AR)	-	-	-	282	-	-	-	-	-
Couch, Harvey (AR)	-	-	1,306	-	-	-	-	-	24
Independence (AR)	1,027,131	1,130	-	-	-	-	620	3	-
L. Catherine (AR)	-	-	122,589	-	-	-	-	-	1,303
Mablevale (AR)	-	-	-	-	-	-	-	-	-
Rommel (AR)	-	-	-	455	-	-	-	-	-
Ritchie, R E (AR)	-	-	5,921	-	-	-	-	-	82
White Bluff (AR)	864,877	929	-	-	-	-	503	2	-
Associated Elec Coop.	830,330	4,672	66,318	-	-	-	487	11	525
Chouteau (MO)	-	-	57,980	-	-	-	-	-	446
Essex (MO)	-	-	-	-	-	-	-	-	-
Holden (MO)	-	-	-	-	-	-	-	-	-
Nadaway (MO)	-	-	-	-	-	-	-	-	-
New Madrid (MO)	525,224	173	-	-	-	-	305	*	-
St Francis (MO)	-	-	8,338	-	-	-	-	-	78
Thomas Hill (MO)	305,106	4,495	-	-	-	-	182	11	-
Unionville (MO)	-	4	-	-	-	-	-	*	-
Atlantic City Elec Co.	144,021	1,506	416	-	-	-	67	-	6

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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).....	44,451	24	416	-	-	-	19	*	6
England, B L (NJ).....	99,570	1,482	-	-	-	-	49	*	-
Austin (City of)	-	-	198,825	-	-	-	-	-	2,101
Decker Creek (TX).....	-	-	119,370	-	-	-	-	-	1,245
Holly Street (TX).....	-	-	64,130	-	-	-	-	-	684
Sandhill (TX).....	-	-	15,325	-	-	-	-	-	172
Avista Corporation	-	-	2,789	159,313	-	34,988	-	-	33
Boulder Park (WA).....	-	-	136	-	-	-	-	-	1
Cabinet Gorge (ID).....	-	-	-	36,142	-	-	-	-	-
Kettle Fls (WA).....	-	-	1,335	-	-	34,988	-	-	15
Little Falls (WA).....	-	-	-	10,633	-	-	-	-	-
Long Lake (WA).....	-	-	-	26,080	-	-	-	-	-
Monroe Street (WA).....	-	-	-	9,128	-	-	-	-	-
Nine Mile (WA).....	-	-	-	7,947	-	-	-	-	-
Northeast (WA).....	-	-	63	-	-	-	-	-	2
Noxon Rapids (MT).....	-	-	-	56,560	-	-	-	-	-
Post Falls (ID).....	-	-	-	5,489	-	-	-	-	-
Rathdrum (ID).....	-	-	1,255	-	-	-	-	-	15
Upper Falls (WA).....	-	-	-	7,334	-	-	-	-	-
Basin Elec Power Coop	1,936,162	3,794	-	-	-	413	1,423	9	-
Antelope Valley (ND).....	529,061	1,376	-	-	-	-	454	3	-
Laramie River (WY).....	977,232	1,972	-	-	-	-	623	5	-
Leland Olds (ND).....	429,869	446	-	-	-	-	346	1	-
Prairie Winds (ND).....	-	-	-	-	-	413	-	-	-
Spirit Mound (SD).....	-	-	-	-	-	-	-	-	-
Black Hills Pwr and Lt Co	107,244	218	16,611	-	-	-	83	1	169
French, Ben (SD).....	15,096	-51	575	-	-	-	13	*	9
Neil Simpson 2 (WY).....	56,217	269	16,036	-	-	-	37	1	159
Osage (WY).....	-	-	-	-	-	-	22	-	-
Simpson, Neil (WY).....	13,551	-	-	-	-	-	11	-	-
Braintree (City of)	-	-	2,184	-	-	-	-	-	28
Potter Station (MA).....	-	-	2,184	-	-	-	-	-	28
Brazos Elec Pwr Coop Inc	-	-	50,433	-	-	-	-	-	531
Miller, R W (TX).....	-	-	50,433	-	-	-	-	-	531
North Texas (TX).....	-	-	-	-	-	-	-	-	-
Brownsville (City of)	-	-	282	-	-	-	-	-	4
Si Ray (TX).....	-	-	282	-	-	-	-	-	4
Bryan (City of)	-	45	23,880	-	-	-	-	-	280
Bryan (TX).....	-	-	254	-	-	-	-	-	6
Dansby (TX).....	-	45	23,626	-	-	-	-	*	274
Burbank (City of)	-	-	477	-	-	-	-	-	7
Magnolia (CA).....	-	-	178	-	-	-	-	-	3
Olive (CA).....	-	-	299	-	-	-	-	-	5
Burlington (City of)	-	15	286	-	-	21,184	-	-	4
Burlington (VT).....	-	-	-	-	-	-	-	-	-
J C McNeil (VT).....	-	15	286	-	-	21,184	-	*	4
California (State of)	-	-	-	28,092	-	-	-	-	-
Alamo (CA).....	-	-	-	-10	-	-	-	-	-
Bottle Rock (CA).....	-	-	-	-	-	-	-	-	-
Devil Canyon (CA).....	-	-	-	13,791	-	-	-	-	-
Edw Hyatt (CA).....	-	-	-	9,963	-	-	-	-	-
Mojave Siphon (CA).....	-	-	-	887	-	-	-	-	-
Thermal Div (CA).....	-	-	-	219	-	-	-	-	-
Thermalito (CA).....	-	-	-	2,021	-	-	-	-	-
W E Warne (CA).....	-	-	-	6,376	-	-	-	-	-
William R Gianelli (CA).....	-	-	-	-5,155	-	-	-	-	-
Cardinal Operating Co	737,034	4,308	-	-	-	-	302	8	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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).....	737,034	4,308	-	-	-	-	302	8	-
Carolina Power & Light Co.	2,371,161	9,117	69,016	32,693	2,134,180	-	946	19	782
Asheville (NC).....	227,181	1,258	14,243	-	-	-	91	2	162
Blewett (NC).....	-	24	-	7,776	-	-	-	*	-
Brunswick (NC).....	-	-	-	-	1,272,031	-	-	-	-
Cape Fear (NC).....	143,762	257	-	-	-	-	58	1	-
Darlington County (SC).....	-	336	4,799	-	-	-	-	2	73
Harris (NC).....	-	-	-	-	687,635	-	-	-	-
Lee (NC).....	181,846	2,722	-	-	-	-	77	5	-
Marshall (NC).....	-	-	-	791	-	-	-	-	-
Mayo (NC).....	412,284	586	-	-	-	-	172	1	-
Morehead (NC).....	-	-	-	-	-	-	-	-	-
Richmond (NC).....	-	105	44,260	-	-	-	-	*	495
Robinson, H B (SC).....	95,514	78	-	-	174,514	-	38	*	-
Rowan (NC).....	-	-	-	-	-	-	-	-	-
Roxboro (NC).....	980,360	1,243	-	-	-	-	365	2	-
Sutton (NC).....	267,102	302	-	-	-	-	116	1	-
Tillery (NC).....	-	-	-	7,833	-	-	-	-	-
Walters (NC).....	-	-	-	16,293	-	-	-	-	-
Wayne County (NC).....	-	2,153	5,714	-	-	-	-	5	52
Weatherspoon (NC).....	63,112	53	-	-	-	-	29	*	-
Cedar Falls (City of)	1,355	-	-10	-	-	460	1	-	-
Cedar Falls Gt (IA).....	1,355	-	28	-	-	-	1	-	*
IDWGP (IA).....	-	-	-	-	-	460	-	-	-
Streeter (IA).....	-	-	-38	-	-	-	-	-	-
Cent NE Pub Pwr & Ir Dist	-	-	-	8,168	-	-	-	-	-
Jeffrey Canyon (NE).....	-	-	-	3,076	-	-	-	-	-
Johnson No 1 (NE).....	-	-	-	1,995	-	-	-	-	-
Johnson No 2 (NE).....	-	-	-	2,681	-	-	-	-	-
Kingsley (NE).....	-	-	-	416	-	-	-	-	-
Central Elec Pwr Coop	27,495	21	-	-	-	-	17	-	-
Chamois (MO).....	27,495	21	-	-	-	-	17	*	-
Central Hudson Gas & Elec	-	14	26	8,139	-	-	-	-	-
Coxsackie (NY).....	-	-	26	-	-	-	-	-	*
Dashville (NY).....	-	-	-	1,467	-	-	-	-	-
High Falls (NY).....	-	-	-	613	-	-	-	-	-
Neversink (NY).....	-	-	-	1,547	-	-	-	-	-
South Cairo (NY).....	-	14	-	-	-	-	-	*	-
Sturgeon Pool (NY).....	-	-	-	4,512	-	-	-	-	-
Central Illinois Light Co.	531,011	1,231	7,213	-	-	-	244	2	37
Duck Creek (IL).....	188,230	358	-	-	-	-	90	1	-
E D Edwards (IL).....	342,781	873	-	-	-	-	154	2	-
Pekin Cogen (IL).....	-	-	7,213	-	-	-	-	-	37
Sterling Avenue (IL).....	-	-	-	-	-	-	-	-	-
Central Illinois Public Service Co.	-	-	-	-	-	-	-	-	-
Coffeen (IL).....	-	-	-	-	-	-	-	-	-
Grand Tower (IL).....	-	-	-	-	-	-	-	-	-
Hutsonville (IL).....	-	-	-	-	-	-	-	-	-
Meredosia (IL).....	-	-	-	-	-	-	-	-	-
Newton (IL).....	-	-	-	-	-	-	-	-	-
Central Iowa Power Coop.	20,263	3	149	-	-	-	11	-	3
Fair Station (IA).....	20,263	-	123	-	-	-	11	-	2
Summit Lake (IA).....	-	3	26	-	-	-	-	*	1
Central Louisiana Elec Co.	532,512	1,439	168,862	-	-	-	401	3	1,824
Dolet Hills (LA).....	441,659	-	631	-	-	-	342	-	7
Franklin (LA).....	-	-	-	-	-	-	-	-	-
Rodemacher (LA).....	90,853	1,439	139,388	-	-	-	58	3	1,460
Teche (LA).....	-	-	28,843	-	-	-	-	-	357
Central Operating Co.	309,686	1,595	-	-	-	-	132	3	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)	309,686	1,595	-	-	-	-	132	3	-
Chelan Pub Util Dist #1				631,904					
Chelan (WA)	-	-	-	39,889	-	-	-	-	-
Rock Island (WA)	-	-	-	183,889	-	-	-	-	-
Rocky Reach (WA)	-	-	-	408,126	-	-	-	-	-
Chillicothe (City of)		3	149						2
Chillicothe (MO)	-	3	149	-	-	-	-	*	2
Chugach Elec Assn Inc			163,399	46,150					2,096
Beluga (AK)	-	-	135,669	-	-	-	-	-	1,708
Bernice Lake (AK)	-	-	4,018	-	-	-	-	-	56
Bradley Lake (AK)	-	-	-	44,821	-	-	-	-	-
Cooper Lake (AK)	-	-	-	1,329	-	-	-	-	-
International (AK)	-	-	212	-	-	-	-	-	5
Soldotna (AK)	-	-	23,500	-	-	-	-	-	325
Cincinnati Gas Elec Co	2,401,466	12,136	6,952				1,015	25	109
Beckjord, Walter C (OH)	575,157	2,345	-	-	-	-	265	7	-
Dicks Creek (OH)	-	5	50	-	-	-	-	*	1
East Bend (KY)	294,764	2,024	-	-	-	-	130	4	-
Miami Fort (OH)	630,153	3,295	-	-	-	-	267	6	-
W. H. Zimmer (OH)	901,392	4,439	-	-	-	-	352	7	-
Woodsdale (OH)	-	28	6,902	-	-	-	-	*	108
Clarksdale (City of)			3,762						47
South (MS)	-	-	1,908	-	-	-	-	-	28
Third St (MS)	-	-	1,854	-	-	-	-	-	19
Cleveland (City of)		4	702						13
Collinwood (OH)	-	1	164	-	-	-	-	*	4
Lake Road (OH)	-	-	-	-	-	-	-	-	-
West 41st Street (OH)	-	3	538	-	-	-	-	*	9
Cleveland Elec Illum Co	721,235	2,741		-17,061	745,370		371	4	
Ashtabula (OH)	89,539	624	-	-	-	-	56	1	-
Eastlake (OH)	539,581	1,877	-	-	-	-	256	3	-
Lake Shore (OH)	92,115	240	-	-	-	-	59	*	-
Perry (OH)	-	-	-	-	745,370	-	-	-	-
Seneca (PA)	-	-	-	-17,061	-	-	-	-	-
Coffeyville (City of)			11						2
Coffeyville (KS)	-	-	11	-	-	-	-	-	2
Colorado Springs (City of)	319,061	126	10,200	2,268			173		167
Drake, Martin (CO)	166,110	-	2,407	-	-	-	81	-	29
George Birdsall (CO)	-	102	7,820	-	-	-	-	*	138
Manitou (CO)	-	-	-	-4	-	-	-	-	-
Ray D. Nixon (CO)	152,951	24	-27	-	-	-	91	*	1
Ruxton (CO)	-	-	-	-	-	-	-	-	-
Tesla (CO)	-	-	-	2,272	-	-	-	-	-
Columbia (City of)	-241								
Columbia (MO)	-241	-	-	-	-	-	-	-	-
Columbus Southern Pwr Co	839,421	1,486					369	3	
Conesville (OH)	797,982	1,450	-	-	-	-	348	3	-
Picway (OH)	41,439	36	-	-	-	-	21	*	-
Consol Edison Co N Y Inc		3,804	80,780					8	1,061
59Th Street (NY)	-	-	-	-	-	-	-	-	-
74Th Street (NY)	-	-13	-	-	-	-	-	-	-
Buchanan (NY)	-	-	-	-	-	-	-	-	-
East River (NY)	-	3,776	46,567	-	-	-	-	8	638
Hudson Avenue (NY)	-	41	-	-	-	-	-	*	-
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, October 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).....	-	-	34,213	-	-	-	-	-	423
Consolidated Water Pwr Co									
Biron (WI).....	-	-	-	16,498	-	-	-	-	-
Du Bay (WI).....	-	-	-	2,422	-	-	-	-	-
Stevens Point (WI).....	-	-	-	4,914	-	-	-	-	-
Wisconsin Rapids (WI).....	-	-	-	2,759	-	-	-	-	-
Wisconsin River Di (WI).....	-	-	-	4,607	-	-	-	-	-
Wisconsin River Di (WI).....	-	-	-	1,796	-	-	-	-	-
Consumers Power Co	1,819,841	14,992	14,881	-56,048	591,278	-	906	33	206
Alcona (MI).....	-	-	-	1,631	-	-	-	-	-
Allegan Dam (MI).....	-	-	-	738	-	-	-	-	-
Campbell, J H (MI).....	958,717	822	-	-	-	-	466	1	-
Cobb, B C (MI).....	168,505	-	1,502	-	-	-	91	-	15
Cooke (MI).....	-	-	-	1,611	-	-	-	-	-
Croton (MI).....	-	-	-	1,935	-	-	-	-	-
Five Channels (MI).....	-	-	-	1,507	-	-	-	-	-
Foote (MI).....	-	-	-	1,960	-	-	-	-	-
Gaylord (MI).....	-	-	648	-	-	-	-	-	11
Hardy (MI).....	-	-	-	3,926	-	-	-	-	-
Hodenpyl (MI).....	-	-	-	1,676	-	-	-	-	-
Karn, D E (MI).....	338,357	13,966	11,481	-	-	-	166	32	166
Loud (MI).....	-	-	-	1,147	-	-	-	-	-
Ludington (MI).....	-	-	-	-78,289	-	-	-	-	-
Mio (MI).....	-	-	-	867	-	-	-	-	-
Morrow, B E (MI).....	-	-	-	-	-	-	-	-	-
Palisades (MI).....	-	-	-	-	591,278	-	-	-	-
Rogers (MI).....	-	-	-	1,173	-	-	-	-	-
Straits (MI).....	-	-	-	-	-	-	-	-	-
Thetford (MI).....	-	-	64	-	-	-	-	-	3
Tippy, C W (MI).....	-	-	-	4,076	-	-	-	-	-
Weadock, J C (MI).....	202,556	-	1,186	-	-	-	101	-	12
Webber (MI).....	-	-	-	-6	-	-	-	-	-
Whiting, J R (MI).....	151,706	204	-	-	-	-	81	*	-
Cooperative Power Asso	765,663	305	-	-	-	-	690	1	-
Bonifacius (MN).....	-	46	-	-	-	-	-	*	-
Coal Creek (ND).....	765,663	259	-	-	-	-	690	1	-
Corn Belt Power Coop	688	-	19	-	-	-	-	-	-
Wisdom, Earl F (IA).....	688	-	19	-	-	-	*	-	*
Dairyland Power Coop	388,976	606	-62	9,547	-	-	218	2	-
Alma (WI).....	53,764	74	-	-	-	-	31	*	-
Elk Mound (WI).....	-	-	-62	-	-	-	-	*	*
Flambeau (WI).....	-	-	-	9,547	-	-	-	-	-
Genoa (WI).....	193,045	532	-	-	-	-	91	1	-
J P Madgett (WI).....	142,167	-	-	-	-	-	96	1	-
Dayton Pwr & Lgt Co (The)	1,581,717	3,639	1,488	-	-	-	682	7	19
Frank M Tait (OH).....	-	70	764	-	-	-	-	*	12
Hutchings (OH).....	38,838	-	724	-	-	-	17	-	8
Killen Station (OH).....	374,377	1,292	-	-	-	-	157	2	-
Monument (OH).....	-	-	-	-	-	-	-	-	-
Sidney (OH).....	-	-	-	-	-	-	-	-	-
Stuart, J M (OH).....	1,168,502	2,277	-	-	-	-	508	4	-
Yankee Street (OH).....	-	-	-	-	-	-	-	-	*
Denton (City of)	-	-	721	-	-	-	-	-	19
Lewisdale (TX).....	-	-	-	-	-	-	-	-	-
Roberts (TX).....	-	-	-	-	-	-	-	-	-
Spencer (TX).....	-	-	721	-	-	-	-	-	19
Deseret Gen & Trans Coop	327,097	17	-	-	-	-	183	-	-
Bonanza (UT).....	327,097	17	-	-	-	-	183	*	-
Detroit (City of)	-	851	18,888	-	-	-	-	5	249
Mistersky (MI).....	-	851	18,888	-	-	-	-	5	249

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)	2,887,596	37,759	45,364	-	750,016	-	1,480	65	1,284
Beacon Heating (MI).....	-	-	765	-	-	-	-	-	340
Belle River (MI).....	622,069	3,773	6,257	-	-	-	344	7	126
Central Storage (MI).....	-	-	-	-	-	-	-	-	-
Colfax (MI).....	-	13	-	-	-	-	-	*	-
Conners Creek (MI).....	-	-14	2,443	-	-	-	-	*	54
Dayton (MI).....	-	-34	-	-	-	-	-	*	-
Delray (MI).....	-	-	-	-	-	-	-	-	-
Enrico Fermi (MI).....	-	129	-	-	750,016	-	-	*	-
Greenwood (MI).....	-	22,066	25,837	-	-	-	-	37	311
Hancock (MI).....	-	-	350	-	-	-	-	-	21
Harbor Beach (MI).....	25,188	276	-	-	-	-	11	1	-
Marysville (MI).....	-4	-	-4	-	-	-	-	-	-
Monroe (MI).....	995,813	2,045	-	-	-	-	492	4	-
Northeast (MI).....	-	37	213	-	-	-	-	*	3
Oliver (MI).....	-	-11	-	-	-	-	-	*	-
Placid (MI).....	-	-11	-	-	-	-	-	*	-
Putnam (MI).....	-	-10	-	-	-	-	-	*	-
River Rouge (MI).....	210,169	-20	7,222	-	-	-	96	*	404
Slocum (MI).....	-	-32	-	-	-	-	-	*	-
St. Clair (MI).....	641,951	9,421	2,281	-	-	-	342	16	24
Superior (MI).....	-	-8	-	-	-	-	-	*	-
Trenton Channel (MI).....	392,410	148	-	-	-	-	196	*	-
Wilmott (MI).....	-	-9	-	-	-	-	-	*	-
Douglas Pub Util Dist #1	-	-	-	-	-	-	-	-	-
Wells (WA).....	-	-	-	-	-	-	-	-	-
Dover (City of)	2,718	-	167	-	-	-	2	-	3
Dover (OH).....	2,718	-	167	-	-	-	2	-	3
Dover Electric Dept.	-	7,208	506	-	-	-	-	14	11
Mckee Run (DE).....	-	6,778	417	-	-	-	-	13	10
Van Sant (DE).....	-	430	89	-	-	-	-	1	1
Duke Power Co	3,990,620	10,117	-61	21,555	4,585,015	-	1,521	28	1
99 Islands (SC).....	-	-	-	1,928	-	-	-	-	-
Allen (NC).....	591,448	491	-	-	-	-	229	1	-
Bad Creek (SC).....	-	-	-	-37,366	-	-	-	-	-
Bear Creek (NC).....	-	-	-	3,151	-	-	-	-	-
Belews Creek (NC).....	1,283,598	1,727	-	-	-	-	474	3	-
Bridgewater (NC).....	-	-	-	799	-	-	-	-	-
Bryson (NC).....	-	-	-	72	-	-	-	-	-
Buck (NC).....	149,887	-35	-	-	-	-	69	1	-
Buzzard Roost (SC).....	-	-	-58	2,080	-	-	-	-	1
Catawba (SC).....	-	-	-	-	1,729,505	-	-	-	-
Cedar Cliff (NC).....	-	-	-	2,199	-	-	-	-	-
Cedar Creek (SC).....	-	-	-	4,244	-	-	-	-	-
Cliffside (NC).....	335,766	661	-	-	-	-	132	1	-
Cowans Ford (NC).....	-	-	-	3,052	-	-	-	-	-
Dan River (NC).....	58,938	-53	-3	-	-	-	25	1	*
Dearborn (SC).....	-	-	-	5,122	-	-	-	-	-
Dillsboro (NC).....	-	-	-	15	-	-	-	-	-
Fishing Creek (SC).....	-	-	-	4,182	-	-	-	-	-
Franklin (NC).....	-	-	-	-45	-	-	-	-	-
Gaston Shoals (SC).....	-	-	-	753	-	-	-	-	-
Great Falls (SC).....	-	-	-	70	-	-	-	-	-
Jocassee (SC).....	-	-	-	-30,820	-	-	-	-	-
Keowee (SC).....	-	-	-	5,413	-	-	-	-	-
Lee (SC).....	108,540	-36	-	-	-	-	47	2	-
Lincoln (NC).....	-	6,943	-	-	-	-	-	18	-
Lookout Shoals (NC).....	-	-	-	2,527	-	-	-	-	-
Marshall (NC).....	1,342,360	528	-	-	-	-	494	1	-
Mc Guire (NC).....	-	-	-	-	1,369,842	-	-	-	-
Mission (NC).....	-	-	-	-3	-	-	-	-	-
Mountain Island (NC).....	-	-	-	1,901	-	-	-	-	-
Nantahala (NC).....	-	-	-	19,278	-	-	-	-	-
Oconee (SC).....	-	-	-	-	1,485,668	-	-	-	-
Oxford (NC).....	-	-	-	3,402	-	-	-	-	-
Queens Creek (NC).....	-	-	-	177	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)									
Rhodiss (NC).....	-	-	-	2,278	-	-	-	-	-
Riverbend (NC).....	120,083	-109	-	-	-	-	52	1	-
Rocky Creek (SC).....	-	-	-	136	-	-	-	-	-
Tennessee Creek (NC).....	-	-	-	3,949	-	-	-	-	-
Thorpe (NC).....	-	-	-	12,199	-	-	-	-	-
Tuckasegee (NC).....	-	-	-	1,173	-	-	-	-	-
Tuxedo (NC).....	-	-	-	1,164	-	-	-	-	-
Wateree (SC).....	-	-	-	5,985	-	-	-	-	-
Wylie (SC).....	-	-	-	2,540	-	-	-	-	-
East Kentucky Power Coop	721,779	324	2,790	-	-	-	308	-	38
Cooper (KY).....	189,293	93	-	-	-	-	81	*	-
Dale (KY).....	70,977	194	-	-	-	-	34	*	-
Smith (KY).....	-	-	2,790	-	-	-	-	-	38
Spurlock, H L (KY).....	461,509	37	-	-	-	-	193	*	-
El Paso Electric Co	-	-	223,294	-	-	-	-	-	2,487
Copper (TX).....	-	-	1,751	-	-	-	-	-	27
Newman (TX).....	-	-	132,239	-	-	-	-	-	1,436
Rio Grande (NM).....	-	-	89,304	-	-	-	-	-	1,024
Electric Energy Inc	617,370	-	718	-	-	-	367	-	10
Joppa Steam (IL).....	617,370	-	718	-	-	-	367	-	10
Empire District Elec Co	153,359	63	-137	3,624	-	1,391	97	-	6
Asbury (MO).....	117,901	63	-	-	-	1,391	71	*	-
Energy Center (MO).....	-	-	-74	-	-	-	-	-	-
Ozark Beach (MO).....	-	-	-	3,624	-	-	-	-	-
Riverton (KS).....	35,458	-	421	-	-	-	26	-	6
State Line (MO).....	-	-	-484	-	-	-	-	-	-
Energy Northwest	-	-	-	24	830,425	-	-	-	-
Packwood (WA).....	-	-	-	24	-	-	-	-	-
WNP-2 (WA).....	-	-	-	-	830,425	-	-	-	-
Eugene (City of)	-	-	-	17,860	-	-	-	-	-
Carmen (OR).....	-	-	-	13,717	-	-	-	-	-
Leaburg (OR).....	-	-	-	4,143	-	-	-	-	-
Walterville (OR).....	-	-	-	-	-	-	-	-	-
Willamette (OR).....	-	-	-	-	-	-	-	-	-
Fayetteville (City of)	-	-	4,682	-	-	-	-	-	80
Pod #2 (NC).....	-	-	4,682	-	-	-	-	-	80
Florida Power & Light Co	-	2,009,694	3,399,08	-	1,781,819	-	-	3,242	27,503
Cape Canaveral (FL).....	-	243,683	92,117	-	-	-	-	373	930
Cutler (FL).....	-	-	51,530	-	-	-	-	-	569
Fort Meyers (FL).....	-	6,208	873,367	-	-	-	-	17	6,147
Lauderdale (FL).....	-	15,055	534,147	-	-	-	-	51	4,413
Manatee (FL).....	-	523,908	-	-	-	-	-	860	-
Martin (FL).....	-	276,594	746,294	-	-	-	-	443	6,065
Port Everglades (FL).....	-	493,389	69,948	-	-	-	-	796	863
Putnam (FL).....	-	3,229	175,433	-	-	-	-	5	1,742
Riviera (FL).....	-	221,757	42,414	-	-	-	-	347	389
Sanford (FL).....	-	45,816	632,631	-	-	-	-	78	4,496
St. Lucie (FL).....	-	-	-	-	748,035	-	-	-	-
Turkey Point (FL).....	-	180,055	181,200	-	1,033,784	-	-	272	1,889
Florida Power Corporation	549,668	767,549	679,631	-	629,388	-	213	1,244	6,467
Anclote (FL).....	-	460,905	23,554	-	-	-	-	704	229
Avon Park (FL).....	-	1,127	3,199	-	-	-	-	3	50
Bartow, P L (FL).....	-	173,720	30,663	-	-	-	-	262	399
Bayboro (FL).....	-	5,989	-	-	-	-	-	14	-
Crystal River (FL).....	549,668	3,441	-	-	629,388	-	213	6	-
Debary (FL).....	-	22,630	51,117	-	-	-	-	55	675
Higgins (FL).....	-	-	13,838	-	-	-	-	-	223
Hines Energy (FL).....	-	-	306,347	-	-	-	-	-	2,153
Intercession City (FL).....	-	35,377	111,339	-	-	-	-	75	1,420
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, October 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).....	-	56	-	-	-	-	-	*	-
Suwannee River (FL).....	-	57,620	31,338	-	-	-	-	108	403
Tiger Bay (FL).....	-	-	82,584	-	-	-	-	-	633
Turner, G E (FL).....	-	6,684	-	-	-	-	-	18	-
Univ Proj (FL).....	-	-	25,652	-	-	-	-	-	281
Fort Pierce (City of)	-	28	5,173	-	-	-	-	-	81
King (FL).....	-	28	5,173	-	-	-	-	*	81
Fremont (City of)	29,930	-	1,401	-	-	-	20	-	7
Lon Wright (NE).....	29,930	-	1,401	-	-	-	20	-	7
Gainesville (City of)	-	3,703	89,346	-	-	-	-	8	1,054
Deerhaven (FL).....	-	3,321	49,653	-	-	-	-	6	576
Kelly, J R (FL).....	-	382	39,693	-	-	-	-	2	478
Garland Mun Utils (City)	-	-	39,576	-	-	-	-	-	520
Newman, C E (TX).....	-	-	-	-	-	-	-	-	-
Olinger, Ray (TX).....	-	-	39,576	-	-	-	-	-	520
Georgia Power Co.	6,507,403	15,932	1,967	48,952	2,163,997	-	2,791	36	15
Arkwright (GA).....	-207	-12	-	-	-	-	-	-	-
Atkinson (GA).....	-	-	72	-	-	-	-	-	1
Barnett Shoals (GA).....	-	-	-	333	-	-	-	-	-
Bartlett Ferry (GA).....	-	-	-	13,500	-	-	-	-	-
Bowen (GA).....	1,592,021	1,618	-	-	-	-	645	3	-
Burton (GA).....	-	-	-	1,321	-	-	-	-	-
Dahlberg ((GA).....	-	-	-	-	-	-	-	-	-
Estatoah (GA).....	-	-	-	59	-	-	-	-	-
Flint River (GA).....	-	-	-	2,190	-	-	-	-	-
Goat Rock (GA).....	-	-	-	6,210	-	-	-	-	-
Hammond (GA).....	396,600	397	-	-	-	-	160	1	-
Hartlee Branch (GA).....	922,916	457	-	-	-	-	367	1	-
Hatch, Edwin I. (GA).....	-	-	-	-	1,170,627	-	-	-	-
Langdale (GA).....	-	-	-	72	-	-	-	-	-
Lloyd Shoals (GA).....	-	-	-	4,245	-	-	-	-	-
Mcdonough, J (GA).....	176,638	42	207	-	-	-	69	*	3
Mcmanus (GA).....	-	12,869	-	-	-	-	-	31	-
Mitchell, W (GA).....	61,128	-7	-	-	-	-	25	*	-
Morgan Falls (GA).....	-	-	-	2,377	-	-	-	-	-
Nacoochee (GA).....	-	-	-	819	-	-	-	-	-
North Highlands (GA).....	-	-	-	4,744	-	-	-	-	-
Oliver Dam (GA).....	-	-	-	5,958	-	-	-	-	-
Riverview (GA).....	-	-	-	26	-	-	-	-	-
Robins (GA).....	-	-	1,548	-	-	-	-	-	9
Scherer (GA).....	2,003,528	82	-	-	-	-	1,001	*	-
Sinclair Dam (GA).....	-	-	-	2,940	-	-	-	-	-
Tallulah Falls (GA).....	-	-	-	6,918	-	-	-	-	-
Terrora (GA).....	-	-	-	2,608	-	-	-	-	-
Tugalo (GA).....	-	-	-	6,167	-	-	-	-	-
Vogtle (GA).....	-	-	-	-	993,370	-	-	-	-
Wallace Dam (GA).....	-	-	-	-14,197	-	-	-	-	-
Wansley (GA).....	934,469	105	-	-	-	-	345	*	-
Wilson (GA).....	-	62	-	-	-	-	-	1	-
Yates (GA).....	420,310	319	140	-	-	-	178	1	1
Yonah (GA).....	-	-	-	2,662	-	-	-	-	-
Glendale (City of)	-	-	5,990	-	-	-	-	-	84
Grayson (CA).....	-	-	5,990	-	-	-	6,300	-	84
Golden Valley Elec Assn	18,182	39,785	-	-	-	-	18	73	-
Fairbanks (AK).....	-	-26	-	-	-	-	-	*	-
Healy (AK).....	18,182	16	-	-	-	-	18	*	-
North Pole (AK).....	-	39,795	-	-	-	-	-	73	-
Grand Haven (City of)	32,101	-	-	-	-	-	13	-	-
Harbor Avenue (MI).....	-	-	-	-	-	-	-	-	-
J B Simms (MI).....	32,101	-	-	-	-	-	13	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)	-563	-	16,249	-	-	-	-	-	196
Burdick, C W (NE).....	-	-	16,249	-	-	-	-	-	196
Platte (NE).....	-563	-	-	-	-	-	-	*	-
Grand River Dam Authority	401,662	50	901	-14,784	-	-	261	-	14
GRDA No 1 (OK).....	401,662	50	901	-	-	-	261	*	14
Markham (OK).....	-	-	-	-244	-	-	-	-	-
Pensacola (OK).....	-	-	-	1,772	-	-	-	-	-
Salina (OK).....	-	-	-	-16,312	-	-	-	-	-
Grant Pub Util Dist #2	-	-	-	677,613	-	-	-	-	-
Pec Hdws (WA).....	-	-	-	2,906	-	-	-	-	-
Priest Rapids (WA).....	-	-	-	335,936	-	-	-	-	-
Quincy Chut (WA).....	-	-	-	1,872	-	-	-	-	-
Wanapum (WA).....	-	-	-	336,899	-	-	-	-	-
Green Mountain Power Corp	-	104	-	3,404	-	988	-	-	-
Berlin (VT).....	-	81	-	-	-	-	-	*	-
Bolton Falls (VT).....	-	-	-	600	-	-	-	-	-
Colchester (VT).....	-	-	-	-	-	-	-	-	-
Essex Junction 19 (VT).....	-	-	-	1,495	-	-	-	-	-
Gorge 18 (VT).....	-	-	-	315	-	-	-	-	-
Marshfield 6 (VT).....	-	-	-	135	-	-	-	-	-
Middlesex 2 (VT).....	-	-	-	436	-	-	-	-	-
Searsburg (VT).....	-	-	-	-	-	988	-	-	-
Vergennes 9 (VT).....	-	23	-	189	-	-	-	*	-
Waterbury 22 (VT).....	-	-	-	42	-	-	-	-	-
West Danville 15 (VT).....	-	-	-	192	-	-	-	-	-
Gulf Power Company	702,816	730	177,623	-	-	-	314	1	1,302
Crist (FL).....	504,503	228	520	-	-	-	225	*	6
Scholz (FL).....	30,324	206	-	-	-	-	15	*	-
Smith (FL).....	167,989	296	177,103	-	-	-	75	1	1,296
Gulf States Utilities Co	453,430	5,051	957,692	892	738,648	-	255	7	10,621
Lewis Creek (TX).....	-	-	170,629	-	-	-	-	-	1,781
Louisiana 1 (LA).....	-	-	635	-	-	-	-	-	11
Nelson, R S (LA).....	453,430	39	158,351	-	-	-	255	*	2,167
River Bend (LA).....	-	-	-	-	738,648	-	-	-	-
Sabine (TX).....	-	6	510,349	-	-	-	-	*	5,258
Toledo Bend (TX).....	-	-	-	892	-	-	-	-	-
Willow Glen (LA).....	-	5,006	117,728	-	-	-	-	7	1,404
Hamilton (City of)	8,193	4	502	25,755	-	-	5	-	8
Hamilton (OH).....	8,193	4	502	-	-	-	5	*	8
Hamilton Hydro (OH).....	-	-	-	-	-	-	-	-	-
Vanceburg Hydro (KY).....	-	-	-	25,755	-	-	-	-	-
Hastings (City of)	46,966	-	-99	-	-	-	32	-	-
Don Henry (NE).....	-	-	-15	-	-	-	-	-	*
North Denver (NE).....	-	-	-84	-	-	-	-	-	-
Whelan (NE).....	46,966	-	-	-	-	-	32	-	-
Hawaii Electric Light Co	-	43,665	-	-9	-	159	-	99	-
Kanoelehua (HI).....	-	908	-	-	-	-	-	2	-
Keahole (HI).....	-	5,589	-	-	-	-	-	13	-
Lalamilo (HI).....	-	-	-	-	-	159	-	-	-
Puma (HI).....	-	12,722	-	-	-	-	-	29	-
Puueo (HI).....	-	-	-	-4	-	-	-	-	-
Shipman (HI).....	-	3,205	-	-	-	-	-	9	-
W. H. Hill (HI).....	-	20,787	-	-	-	-	-	45	-
Waiau (HI).....	-	-	-	-5	-	-	-	-	-
Waimea (HI).....	-	454	-	-	-	-	-	1	-
Hawaiian Elec Co Inc	-	434,064	-	-	-	-	-	710	-
Honolulu (HI).....	-	10,956	-	-	-	-	-	24	-
Kahe (HI).....	-	313,470	-	-	-	-	-	500	-
Oil Storage (CA).....	-	-	-	-	-	-	-	-	-
Waiau (HI).....	-	109,638	-	-	-	-	-	186	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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	-	-	-	80,970	-	-	-	-	-
Holm, Dion R (CA)	-	-	-	29,662	-	-	-	-	-
Kirkwood, Robert C (CA)	-	-	-	27,224	-	-	-	-	-
Moccasin (CA)	-	-	-	24,084	-	-	-	-	-
Moccasin Low (CA)	-	-	-	-	-	-	-	-	-
Holland (City of)	15,457	-	2,194	-	-	-	8	-	26
48 Street (MI)	-	-	2,131	-	-	-	-	-	26
6Th Street (MI)	-	-	-	-	-	-	-	-	-
James De Young (MI)	15,457	-	63	-	-	-	8	-	1
Homestead (City of)	-	554	10,530	-	-	-	-	1	100
G W Ivey (FL)	-	554	10,530	-	-	-	-	1	100
Hoosier Energy Rural	701,074	948	-	-	-	-	335	2	-
Merom (IN)	592,616	671	-	-	-	-	285	1	-
Ratts (IN)	108,458	277	-	-	-	-	50	1	-
Hutchinson (City of)	-	65	1,909	-	-	-	-	-	26
Plant No. 1 (MN)	-	65	89	-	-	-	-	*	1
Plant No. 2 (MN)	-	-	1,820	-	-	-	-	-	26
Idaho Power Co	-	11	3,167	455,607	-	-	-	-	37
American Falls (ID)	-	-	-	4,149	-	-	-	-	-
Bliss (ID)	-	-	-	28,958	-	-	-	-	-
Brownlee (ID)	-	-	-	126,881	-	-	-	-	-
Cascade (ID)	-	-	-	1,843	-	-	-	-	-
Clear Lake (ID)	-	-	-	1,244	-	-	-	-	-
Hells Canyon (OR)	-	-	-	115,110	-	-	-	-	-
Lower Malad (ID)	-	-	-	9,311	-	-	-	-	-
Lower Salmon (ID)	-	-	-	19,437	-	-	-	-	-
Milner (ID)	-	-	-	1,708	-	-	-	-	-
Mountain Home (ID)	-	-	3,167	-	-	-	-	-	37
Oxbow (OR)	-	-	-	59,186	-	-	-	-	-
Salmon (ID)	-	11	-	-	-	-	-	*	-
Shoshone Falls (ID)	-	-	-	8,729	-	-	-	-	-
Strike, C J (ID)	-	-	-	34,761	-	-	-	-	-
Swan Falls (ID)	-	-	-	9,447	-	-	-	-	-
Thousand Springs (ID)	-	-	-	4,714	-	-	-	-	-
Twin Falls (ID)	-	-	-	4,778	-	-	-	-	-
Upper Malad (ID)	-	-	-	5,270	-	-	-	-	-
Upper Salmon (ID)	-	-	-	9,841	-	-	-	-	-
Upper Salmon (ID)	-	-	-	10,240	-	-	-	-	-
IES Utilities Co.	997,396	1,468	15,602	583	415,893	2,612	687	3	322
6Th Street (IA)	7,540	-	5,097	-	-	894	15	-	186
Agency GT (IA)	-	-12	-18	-	-	-	-	*	1
Ames (IA)	-	-	-	-	-	-	-	-	-
Anamosa (IA)	-	-	-	72	-	-	-	-	-
Arnold, Duane (IA)	-	-	-	-	415,893	-	-	-	-
Burlington (IA)	94,195	-	34	-	-	-	57	-	1
Centerville (IA)	-	-51	-	-	-	-	-	-	-
Dubuque (IA)	19,193	-3	191	-	-	-	12	*	3
Fox Lake (MN)	-	587	3,222	-	-	-	-	1	36
Grinnell (IA)	-	-	38	-	-	-	-	-	2
Hills (MN)	-	-16	-	-	-	-	-	-	-
Iowa Falls (IA)	-	-	-	20	-	-	-	-	-
Kapp, M L (IA)	99,645	-	982	-	-	-	67	-	12
Lansing (IA)	140,959	15	-	-	-	-	93	*	-
Lime Creek (IA)	-	117	-	-	-	-	-	*	-
Maquoketa (IA)	-	-	-	491	-	-	-	-	-
Marshalltown (IA)	-	784	-	-	-	-	-	2	-
Montgomery (MN)	-	26	-	-	-	-	-	*	-
New Albin (IA)	-	-	-	-	-	-	-	-	-
Ottumwa (IA)	466,980	-	-	-	-	-	300	-	-
Prairie Creek (IA)	83,975	21	1,577	-	-	1,718	87	*	28
Red Cedar (IA)	-	-	-62	-	-	-	-	-	-
Sutherland (IA)	84,909	-	4,541	-	-	-	55	-	54
Imperial Irrigation Dist.	-	9	18,453	21,449	-	-	-	-	236

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)	-	1	-	-	-	-	-	*	-
Coachella (CA)	-	-	213	-	-	-	-	-	4
Double Weir (CA)	-	-	-	-	-	-	-	-	-
Drop 2 (CA)	-	-	-	4,445	-	-	-	-	-
Drop 3 (CA)	-	-	-	4,060	-	-	-	-	-
Drop 4 (CA)	-	-	-	8,916	-	-	-	-	-
Drop No 1 (CA)	-	-	-	1,922	-	-	-	-	-
Drop No. 5 (CA)	-	-	-	1,504	-	-	-	-	-
E Highline (CA)	-	-	-	569	-	-	-	-	-
El Centro (CA)	-	-	17,828	-	-	-	-	-	227
Pilot Knob (CA)	-	-	-	-	-	-	-	-	-
Rockwood (CA)	-	8	412	-	-	-	-	*	6
Turnip (CA)	-	-	-	33	-	-	-	-	-
Independence (City of)	-69	-	393	-	-	-	-	-	6
Blue Valley (MO)	240	-	393	-	-	-	*	-	6
Jackson Square (MO)	-	-	-	-	-	-	-	-	-
Missouri City (MO)	-309	-	-	-	-	-	-	-	-
Station H (MO)	-	-	-	-	-	-	-	-	-
Station I (MO)	-	-	-	-	-	-	-	-	-
Indiana Michigan Power Co.	2,020,454	5,006	-	5,349	1,554,710	-	1,036	11	-
Berrien Springs (MI)	-	-	-	1,728	-	-	-	-	-
Buchanan (MI)	-	-	-	907	-	-	-	-	-
Constantine (MI)	-	-	-	225	-	-	-	-	-
Cook, Donald C. (MI)	-	-	-	-	1,554,710	-	-	-	-
Elkhart (IN)	-	-	-	841	-	-	-	-	-
Fourth Street (IN)	-	-	-	-	-	-	-	-	-
Mottville (MI)	-	-	-	278	-	-	-	-	-
Rockport (IN)	1,471,371	4,298	-	-	-	-	795	10	-
Tanners Creek (IN)	549,083	708	-	-	-	-	241	1	-
Twin Branch (IN)	-	-	-	1,370	-	-	-	-	-
Indiana Mun Power Agency	-	3	85	-	-	-	-	-	1
Anderson (IN)	-	3	85	-	-	-	-	*	1
Indiana-Kentucky El Corp	636,437	12	-	-	-	-	331	-	-
Clifty Creek (IN)	636,437	12	-	-	-	-	331	*	-
Indianapolis Pwr & Lgt Co	1,381,344	984	4,418	-	-	-	639	3	64
Georgetown (IA)	-	-	2,123	-	-	-	-	-	28
Petersburg (IN)	946,441	731	-	-	-	-	441	1	-
Pritchard, H T (IN)	116,381	62	-	-	-	-	62	*	-
Stout, Elmer W (IN)	318,522	191	2,295	-	-	-	136	1	36
International Bound & Water Comm	-	-	-	976	-	-	-	-	-
Amistad (TX)	-	-	-	976	-	-	-	-	-
Falcon (TX)	-	-	-	976	-	-	-	-	-
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)	749,905	279,965	163,198	-	-	2,363	301	279	1,736
Brandy Branch (FL)	-	448	74,614	-	-	-	-	1	806
Girvin Road (FL)	-	-	-	-	-	750	-	-	-
Kennedy, J D (FL)	-	2,610	23,199	-	-	-	-	9	249
Northside (FL)	-	119,029	65,385	-	-	1,613	-	208	681
Southside (FL)	-	-	-	-	-	-	-	-	-
St. Johns River (FL)	749,905	157,878	-	-	-	-	301	61	-
Jamestown (City of)	12,939	46	118	-	-	-	8	-	1
Carlson, S A (NY)	12,939	46	118	-	-	-	8	*	1

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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.....	-	92	4,008	-12,382	-	-	-	-	53
Forked River (NJ).....	-	92	4,008	-	-	-	-	*	53
Yards Creek (NJ).....	-	-	-	-12,382	-	-	-	-	-
Kansas City (City of).....	185,311	341	1,928	-	-	-	132	-	32
Kaw (KS).....	-	-	-	-	-	-	-	-	-
Nearman Creek (KS).....	136,043	136	-	-	-	-	100	*	-
Quindaro (KS).....	49,268	205	1,928	-	-	-	32	*	32
Kansas City Pwr & Lgt Co.....	1,867,406	4,529	2,641	-	-	-	1,063	9	33
Grand Ave (MO).....	-	-	-	-	-	-	-	-	-
Hawthorn (MO).....	356,133	-	2,641	-	-	-	211	-	33
Iatan (MO).....	466,063	690	-	-	-	-	230	1	-
La Cygne (KS).....	854,347	1,655	-	-	-	-	494	3	-
Montrose (MO).....	190,863	1,822	-	-	-	-	129	4	-
Northeast (MO).....	-	362	-	-	-	-	-	1	-
Kauai Electric Company.....	-	17,594	-	-	-	-	-	33	-
Port Allen (HI).....	-	17,594	-	-	-	-	-	33	-
Kentucky Power Co.....	174,673	566	-	-	-	-	71	1	-
Big Sandy (KY).....	174,673	566	-	-	-	-	71	1	-
Kentucky Utilities Co.....	1,031,304	1,913	6,198	6,887	-	-	467	3	89
Brown, E W (KY).....	47,616	180	6,234	-	-	-	23	*	89
Dix Dam (KY).....	-	-	-	6,889	-	-	-	-	-
Ghent (KY).....	876,679	1,053	-	-	-	-	387	2	-
Green River (KY).....	74,357	659	-	-	-	-	40	1	-
Haefling (KY).....	-	-	-36	-	-	-	-	-	-
Lock 7 (KY).....	-	-	-	-2	-	-	-	-	-
Pineville (KY).....	-	-	-	-	-	-	-	-	-
Tyrone (KY).....	32,652	21	-	-	-	-	18	*	-
Key West (City of).....	-	1,640	-	-	-	-	-	3	-
Big Pine (FL).....	-	23	-	-	-	-	-	*	-
Cudjoe (FL).....	-	379	-	-	-	-	-	1	-
Key West (FL).....	-	465	-	-	-	-	-	1	-
Stock Island (FL).....	-	85	-	-	-	-	-	*	-
Stock Island D 1 (FL).....	-	688	-	-	-	-	-	1	-
KeySpan Energy.....	-	408,399	488,395	-	-	-	-	684	5,178
Barrett, E F (NY).....	-	2,168	185,728	-	-	-	-	4	1,959
Brookhaven (NY).....	-	26,557	-	-	-	-	-	56	-
East Hampton (NY).....	-	240	-	-	-	-	-	*	-
Far Rockway (NY).....	-	-	32,273	-	-	-	-	-	352
Glenwood (NY).....	-	-	24,385	-	-	-	-	-	286
Holbrook (NY).....	-	7,812	-	-	-	-	-	12	-
Montauk (NY).....	-	42	-	-	-	-	-	*	-
Northport (NY).....	-	317,992	203,158	-	-	-	-	524	2,134
Port Jefferson (NY).....	-	53,284	42,851	-	-	-	-	88	448
Shoreham (NY).....	-	259	-	-	-	-	-	1	-
Southampton (NY).....	-	-9	-	-	-	-	-	-	-
Southold (NY).....	-	-11	-	-	-	-	-	-	-
West Babylon (NY).....	-	65	-	-	-	-	-	*	-
KG&E - Western Resources.....	-	24,467	4,191	-	-	-	-	43	59
Evans, Gordon (KS).....	-	22,394	4,076	-	-	-	-	38	55
Gill, Murray (KS).....	-	2,073	261	-	-	-	-	5	4
Neosho (KS).....	-	-	-146	-	-	-	-	-	-
Kings River Conserv Dist.....	-	-	-	-	-	-	-	-	-
Pine Flat (CA).....	-	-	-	-	-	-	-	-	-
Kissimmee (City of).....	-	6	114,454	-	-	-	-	-	1,299
Cane Island (FL).....	-	-	100,858	-	-	-	-	-	1,099
Kissimmee (FL).....	-	6	13,596	-	-	-	-	*	199
KPL - Western Resources.....	1,720,044	2,427	1,321	-	-	-	1,136	5	20
Abilene (KS).....	-	-	-47	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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).....	-	1,817	683	-	-	-	-	4	11
Jeffrey (KS).....	1,310,593	610	-	-	-	-	863	1	-
Lawrence (KS).....	325,745	-	74	-	-	-	217	-	1
Tecumseh (KS).....	83,706	-	611	-	-	-	56	-	8
Lafayette Util Sys (City)			58,008						605
Doc Bonin (LA).....	-	-	58,008	-	-	-	-	-	605
Rodemacher (LA).....	-	-	-	-	-	-	-	-	-
Lake Worth (City of)		304	1,839					1	24
Smith, Tom G (FL).....	-	304	1,839	-	-	-	-	1	24
Lakeland (City of)	168,659	41,877	211,174			1,038	66	34	1,809
Larsen Memorial (FL).....	-	3,218	34,058	-	-	-	-	8	365
Mcintosh, C D (FL).....	168,659	38,659	177,116	-	-	1,038	66	26	1,444
Lansing (City of)	203,502						125		
Eckert Station (MI).....	136,774	-	-	-	-	-	97	-	-
Erickson (MI).....	66,728	-	-	-	-	-	28	-	-
Moores Park (MI).....	-	-	-	-	-	-	-	-	-
Lincoln (City of)			1,557			201			20
Lincoln J Street (NE).....	-	-	-	-	-	-	-	-	-
Rokeby (NE).....	-	-	1,557	-	-	-	-	-	20
Salt Valley (NE).....	-	-	-	-	-	201	-	-	-
Logansport (City of)	4,400		40				3		1
Logansport (IN).....	4,400	-	40	-	-	-	3	-	1
Los Angeles (City of)	1,232,439	276	366,305	36,830			491		3,721
Big Pine Creek (CA).....	-	-	-	378	-	-	-	-	-
Castaic (CA).....	-	-	-	11,076	-	-	-	-	-
Control Gorge (CA).....	-	-	-	5,249	-	-	-	-	-
Cottonwood (CA).....	-	-	-	143	-	-	-	-	-
Division Creek (CA).....	-	-	-	264	-	-	-	-	-
Foothill (CA).....	-	-	-	3,471	-	-	-	-	-
Franklin Canyon (CA).....	-	-	-	-1	-	-	-	-	-
Haiwee (CA).....	-	-	-	374	-	-	-	-	-
Harbor (CA).....	-	-	56,577	-	-	-	-	-	510
Haynes (CA).....	-	-	243,667	-	-	-	-	-	2,486
Intermountain (UT).....	1,232,439	276	-	-	-	-	491	*	-
Middle Gorge (CA).....	-	-	-	4,915	-	-	-	-	-
Pleasant Valley (CA).....	-	-	-	475	-	-	-	-	-
San Fernando (CA).....	-	-	-	-2	-	-	-	-	-
San Francisquito 1 (CA).....	-	-	-	5,496	-	-	-	-	-
San Francisquito 2 (CA).....	-	-	-	-	-	-	-	-	-
Sawtelle (CA).....	-	-	-	210	-	-	-	-	-
Scattergood (CA).....	-	-	67,552	-	-	-	-	-	721
Upper Gorge (CA).....	-	-	-	4,782	-	-	-	-	-
Valley (CA).....	-	-	-1,491	-	-	-	-	-	3
Louisiana Pwr & Light Co		24,025	841,899			821,134		39	9,349
Buras (LA).....	-	-	125	-	-	-	-	-	2
Little Gypsy (LA).....	-	-	126,470	-	-	-	-	-	925
Monroe (LA).....	-	-	-172	-	-	-	-	-	-
Nine Mile Point (LA).....	-	19,847	499,359	-	-	-	-	32	6,519
Sterlington (LA).....	-	-	92,584	-	-	-	-	-	956
Waterford (LA).....	-	-	-	-	821,134	-	-	-	-
Waterford (LA).....	-	4,178	123,533	-	-	-	-	7	947
Louisville Gas & Elec Co	1,412,730	870	12,231	31,313			644	2	129
Cane Run (KY).....	307,442	-	1,005	-	-	-	143	-	11
Mill Creek (KY).....	791,384	-	4,517	-	-	-	366	-	51
Ohio Falls (KY).....	-	-	-	31,313	-	-	-	-	-
Paddys Run (KY).....	-	-	3,640	-	-	-	-	-	35
Trimble County (KY).....	313,904	870	3,069	-	-	-	134	2	31
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, October 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.....	709,049	788	227,733	12,497	-	-	442	2	2,258
Austin (TX).....	-	-	-	1,883	-	-	-	-	-
Buchanan (TX).....	-	-	-	547	-	-	-	-	-
Granite Shoals (TX).....	-	-	-	1,739	-	-	-	-	-
Inks (TX).....	-	-	-	291	-	-	-	-	-
Mansfield (TX).....	-	-	-	6,876	-	-	-	-	-
Marble Falls (TX).....	-	-	-	1,161	-	-	-	-	-
Sam Seymour (TX).....	709,049	788	-	-	-	-	442	2	-
Sim Gideon (TX).....	-	-	142,297	-	-	-	-	-	1,372
T. C. Ferguson (TX).....	-	-	85,436	-	-	-	-	-	886
Lubbock (City of).....	-	-	36,680	-	-	-	-	-	362
Cooke (TX).....	-	-	3,447	-	-	-	-	-	45
LP&L Co GEN.....	-	-	11,816	-	-	-	-	-	124
Massengale (TX).....	-	-	21,417	-	-	-	-	-	193
Madison Gas & Elec Co.....	29,718	210	7,551	-	-	3,569	18	-	104
Blount Street (WI).....	29,718	-	2,817	-	-	1,818	18	-	40
Fitchburg (WI).....	-	-	27	-	-	-	-	-	1
Marinette (WI).....	-	210	4,666	-	-	-	-	*	61
Nine Springs (WI).....	-	-	-	-	-	-	-	-	-
Sycamore (WI).....	-	-	41	-	-	-	-	-	1
Wind Energy (WI).....	-	-	-	-	-	1,751	-	-	-
Manitowoc (City of).....	16,108	5,514	246	-	-	-	9	3	2
Custer St (WI).....	-	-	-	-	-	-	-	-	-
Manitowoc (WI).....	16,108	5,514	246	-	-	-	9	3	2
Marquette (City of).....	24,508	92	-	2,370	-	-	17	-	-
Plant Four (MI).....	-	34	-	-	-	-	-	*	-
Plant Two (MI).....	-	-	-	1,920	-	-	-	-	-
Russell, Frank J (MI).....	-	-	-	450	-	-	-	-	-
Shiras (MI).....	24,508	58	-	-	-	-	17	*	-
Marshall (City of).....	-89	6	92	-	-	-	-	-	3
Marshall (MO).....	-89	6	92	-	-	-	-	*	3
Mass Mun Wholesale Elec.....	-	598	532	-	-	-	-	3	5
Stonybrook (MA).....	-	598	532	-	-	-	-	3	5
Maui Electric Co Ltd.....	-	101,006	-	-	-	-	-	177	-
Cook (HI).....	-	3,313	-	-	-	-	-	6	-
Kahului (HI).....	-	19,859	-	-	-	-	-	45	-
Maalaea (HI).....	-	75,373	-	-	-	-	-	122	-
Miki Basin (HI).....	-	2,461	-	-	-	-	-	4	-
McPherson (City of).....	-	-	-	-	-	-	-	-	-
McPherson 3 (KS).....	-	-	-	-	-	-	-	-	-
Plant No. 2 (KS).....	-	-	-	-	-	-	-	-	-
Medina Electric Coop Inc.....	-	-	7,011	-	-	-	-	-	96
Pearsall (TX).....	-	-	7,011	-	-	-	-	-	96
Merced Irrigation Dist.....	-	-	-	14,692	-	-	-	-	-
Canal Creek (CA).....	-	-	-	-	-	-	-	-	-
Exchequer (CA).....	-	-	-	12,856	-	-	-	-	-
Fairfield (CA).....	-	-	-	-	-	-	-	-	-
Mcswain (CA).....	-	-	-	1,602	-	-	-	-	-
Parker (CA).....	-	-	-	234	-	-	-	-	-
Michigan So Cent Pwr Agen.....	7,842	957	-	-	-	-	4	1	-
Endicott (MI).....	7,842	957	-	-	-	-	4	1	-
MidAmerican Energy.....	1,635,447	977	3,972	346	-	-	992	2	50
Coralville (IA).....	-	-	-52	-	-	-	-	-	-
Council Bluffs (IA).....	543,676	105	301	-	-	-	330	*	3
Electrifarm (IA).....	-	-	-57	-	-	-	-	-	-
George Neal South (IA).....	368,440	952	-	-	-	-	220	2	-
Louisa (IA).....	419,991	1	400	-	-	-	253	*	4
Moline (IL).....	-	-	437	346	-	-	-	-	4

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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).....	240,406	-	681	-	-	-	144	-	7
Parr (IA).....	-	-	-23	-	-	-	-	-	1
Pleasant Hill (IA).....	-	-81	-	-	-	-	-	*	-
River Hills (IA).....	-	-	8	-	-	-	-	-	2
Riverside (IA).....	62,934	-	2,352	-	-	-	46	-	29
Sycamore (IA).....	-	-	-75	-	-	-	-	-	-
Minnesota Power Inc.	715,653	490	-	62,097	-	-	433	1	-
Blanchard (MN).....	-	-	-	7,471	-	-	-	-	-
Boswell (MN).....	660,902	460	-	-	-	-	396	1	-
Fond Du Lac (MN).....	-	-	-	7,369	-	-	-	-	-
Hibbard, M L (MN).....	-	-	-	-	-	-	-	-	-
Knife Falls (MN).....	-	-	-	1,421	-	-	-	-	-
Laskin (MN).....	54,751	30	-	-	-	-	37	*	-
Little Falls (MN).....	-	-	-	2,983	-	-	-	-	-
Pillager (MN).....	-	-	-	1,131	-	-	-	-	-
Prairie River (MN).....	-	-	-	127	-	-	-	-	-
Scanlon (MN).....	-	-	-	1,055	-	-	-	-	-
Sylvan (MN).....	-	-	-	1,094	-	-	-	-	-
Thompson (MN).....	-	-	-	38,159	-	-	-	-	-
Winton (MN).....	-	-	-	1,287	-	-	-	-	-
Minnkota Power Coop Inc.	404,922	1,137	-	-	-	-	343	2	-
Young, Milton R (ND).....	404,922	1,137	-	-	-	-	343	2	-
Mississippi Power Co.	1,633,129	2,356	452,327	-	-	-	712	4	6,475
Daniel, Victor J Jr. (MS).....	1,169,700	2,356	336,882	-	-	-	509	4	3,908
Eaton (MS).....	-	-	-112	-	-	-	-	-	-
Standard Oil (MS).....	-	-	92,914	-	-	-	-	-	2,323
Sweatt (MS).....	-	-	61	-	-	-	-	-	3
Watson (MS).....	463,429	-	22,582	-	-	-	203	-	241
Mississippi Pwr & Lgt Co.	-	3,855	289,819	-	-	-	-	9	3,075
Andrus (MS).....	-	-	203,255	-	-	-	-	-	2,056
Brown, Rex (MS).....	-	-9	29,690	-	-	-	-	-	374
Delta (MS).....	-	3,864	340	-	-	-	-	9	6
Wilson, B (MS).....	-	-	56,534	-	-	-	-	-	639
Missouri Basin Mun Pwr Agency	-	-	-	-	-	-	-	-	-
Watertown (SD).....	-	-	-	-	-	-	-	-	-
Modesto Irrigation Dist.	-	99	8,860	213	-	-	-	-	64
McClure (CA).....	-	99	802	-	-	-	-	*	13
New Hogan (CA).....	-	-	-	214	-	-	-	-	-
Stone Drop (CA).....	-	-	-	-1	-	-	-	-	-
Woodland (CA).....	-	-	8,058	-	-	-	-	-	51
Monongahela Power Co.	229,965	286	275	-	-	777	107	-	3
Albright (WV).....	83,540	161	-	-	-	-	39	*	-
Rivesville (WV).....	45,453	125	-	-	-	-	25	*	-
Willow Island (WV).....	100,972	-	275	-	-	777	43	-	3
Montana Dakota Utils Co.	63,111	-	101	-	-	-	61	-	1
Glendive (MT).....	-	-	10	-	-	-	-	-	*
Heskett (ND).....	44,086	-	11	-	-	-	42	-	*
Lewis & Clark (MT).....	19,025	-	95	-	-	-	19	-	1
Miles City (MT).....	-	-	-8	-	-	-	-	-	*
Williston (ND).....	-	-	-7	-	-	-	-	-	-
Morgan (City of)	-	-	5,060	-	-	-	-	-	76
Morgan City (LA).....	-	-	5,060	-	-	-	-	-	76
Muscatine (City of)	133,415	-	2,008	-	-	-	104	-	28
Muscatine (IA).....	133,415	-	2,008	-	-	-	104	-	28
Nebraska Pub Power Dist.	708,075	142	8,511	15,308	566,632	-	443	-	106
Canaday (NE).....	-	-	5,900	-	-	-	-	-	79
Columbus (NE).....	-	-	-	11,159	-	-	-	-	-
Cooper (NE).....	-	-	-	-	566,632	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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).....	-	22	8	-	-	-	-	*	*
Gentleman (NE).....	575,845	-	2,313	-	-	-	359	-	24
Hallam (NE).....	-	-	224	-	-	-	-	-	3
Hebron (NE).....	-	67	-	-	-	-	-	*	-
Kearney (NE).....	-	-	-	346	-	-	-	-	-
Lodgepole (NE).....	-	-	-	-	-	-	-	-	-
Lyons (NE).....	-	2	-	-	-	-	-	*	-
Madison (NE).....	-	1	8	-	-	-	-	*	*
Mc Cook (NE).....	-	28	-	-	-	-	-	*	-
Minnechadzuza (NE).....	-	-	-	-	-	-	-	-	-
Monroe (NE).....	-	-	-	1,961	-	-	-	-	-
North Platte (NE).....	-	-	-	996	-	-	-	-	-
Ord (NE).....	-	14	15	-	-	-	-	*	*
Sheldon (NE).....	132,230	-	36	-	-	-	84	-	*
Spencer (NE).....	-	-	-	846	-	-	-	-	-
Sutherland (NE).....	-	7	-	-	-	-	-	*	-
Wakefield (NE).....	-	1	7	-	-	-	-	*	*
Nevada Irrigation Dist				14,978					
Bowman (CA).....	-	-	-	1,310	-	-	-	-	-
Chicago Park (CA).....	-	-	-	8,695	-	-	-	-	-
Combie No (CA).....	-	-	-	54	-	-	-	-	-
Combie So (CA).....	-	-	-	-	-	-	-	-	-
Dutch Flat No.2 (CA).....	-	-	-	2,280	-	-	-	-	-
Rollins (CA).....	-	-	-	2,216	-	-	-	-	-
Scott Flat (CA).....	-	-	-	423	-	-	-	-	-
Nevada Power Co	333,589	1,235	393,474				154	2	3,666
Clark (NV).....	-	-	352,605	-	-	-	-	-	3,230
Gardner, Reid (NV).....	333,589	1,235	-	-	-	-	154	2	-
Sun Peak (NV).....	-	-	-	-	-	-	-	-	-
Sunrise (NV).....	-	-	40,869	-	-	-	-	-	437
New Orleans Pub Serv Inc		4,078	258,684					7	2,923
Michoud (LA).....	-	4,261	258,684	-	-	-	-	7	2,923
Paterson, A B (LA).....	-	-183	-	-	-	-	-	-	-
New Ulm (City of)		17	1,446						40
New Ulm (MN).....	-	17	1,446	-	-	-	-	*	40
North Atlantic Energy Corp					861,835				
Seabrook (NH).....	-	-	-	-	861,835	-	-	-	-
Northern Ind Pub Serv Co	1,177,658	22,307	2,481	1,207			627	9	29
Bailly (IN).....	301,121	-	296	-	-	-	143	-	4
Michigan City (IN).....	277,834	-	442	-	-	-	156	-	5
Mitchell, Dean H (IN).....	-	-	-	-	-	-	-	-	-
Norway (IN).....	-	-	-	392	-	-	-	-	-
Oakdale (IN).....	-	-	-	815	-	-	-	-	-
Schahfer, R. M. (IN).....	598,703	22,307	1,743	-	-	-	328	9	21
Northern States Power Co	2,796,120	59,094	21,809	151,833	1,241,311	39,189	1,107	23	238
Angus Anson (SD).....	-	-	1,001	-	-	-	-	-	17
Apple River (WI).....	-	-	-	2,022	-	-	-	-	-
Bay Front (WI).....	921	-	1,110	-	-	13,614	1	-	17
Big Falls (WI).....	-	-	-	5,064	-	-	-	-	-
Black Dog (MN).....	91,018	-	15,759	-	-	-	61	-	150
Blue Lake (MN).....	-	-188	-	-	-	-	-	-	-
Cedar Falls (WI).....	-	-	-	4,765	-	-	-	-	-
Chippewa Falls (WI).....	-	-	-	11,591	-	-	-	-	-
Cornell (WI).....	-	-	-	18,165	-	-	-	-	-
Dells (WI).....	-	-	-	5,084	-	-	-	-	-
Flambeau (WI).....	-	-26	-	-	-	-	-	-	-
French Island (WI).....	-	-61	15	-	-	5,313	-	-	*
Granite City (MN).....	-	-45	-	-	-	-	-	-	-
Hayward (WI).....	-	-	-	127	-	-	-	-	-
Hennepin Island (MN).....	-	-	-	9,251	-	-	-	-	-
High Bridge (MN).....	86,437	-	2,107	-	-	-	52	-	22
Holcombe (WI).....	-	-	-	18,142	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)									
Inver Hills (MN).....	-	-	1,540	-	-	-	-	-	21
Jim Falls (WI).....	-	-	-	26,497	-	-	-	-	-
Key City (MN).....	-	-42	-	-	-	-	-	-	-
King (MN).....	272,083	38,463	-	-	-	-	147	13	-
Ladysmith (WI).....	-	-	-	1,788	-	-	-	-	-
Menomonie (WI).....	-	-	-	3,383	-	-	-	-	-
Minnesota Valley (MN).....	-	-	-48	-	-	-	-	-	-
Monticello (MN).....	-	-	-	-	434,384	-	-	-	-
Pathfinder (SD).....	-	-	-90	-	-	-	-	-	-
Prairie Island (MN).....	-	-	-	-	806,927	-	-	-	-
Redwing (MN).....	-	-	173	-	-	9,416	-	-	3
Riverdale (WI).....	-	-	-	385	-	-	-	-	-
Riverside (MN).....	190,853	19,297	297	-	-	-	115	7	3
Saxon Falls (MI).....	-	-	-	1,152	-	-	-	-	-
Sherburne County (MN).....	2,154,808	1,696	-	-	-	-	732	3	-
St Croix Falls (WI).....	-	-	-	16,572	-	-	-	-	-
Superior Falls (MI).....	-	-	-	1,386	-	-	-	-	-
Thornapple (WI).....	-	-	-	430	-	-	-	-	-
Trego (WI).....	-	-	-	598	-	-	-	-	-
West Faribault (MN).....	-	-	-12	-	-	-	-	-	-
Wheaton (WI).....	-	-	-247	-	-	-	-	-	*
White River (WI).....	-	-	-	433	-	-	-	-	-
Wilmarth (MN).....	-	-	204	-	-	10,846	-	-	4
Wissota (WI).....	-	-	-	24,998	-	-	-	-	-
Northwestern Pub Serv Co		1	-2						1
Aberdeen (SD).....	-	6	-	-	-	-	-	*	-
Clark (SD).....	-	-	-	-	-	-	-	*	-
Faulton (SD).....	-	-	-	-	-	-	-	-	-
Higmore (SD).....	-	3	-	-	-	-	-	*	-
Huron (SD).....	-	-	-5	-	-	-	-	-	1
Mobile (SD).....	-	-5	-	-	-	-	-	*	-
Redfield (SD).....	-	4	3	-	-	-	-	*	*
Webster (SD).....	-	-7	-	-	-	-	-	-	-
Yankton New (SD).....	-	-	-	-	-	-	-	-	-
Oakdale South San Joaquin				27,421					
Beardsley (CA).....	-	-	-	5,667	-	-	-	-	-
Donnels (CA).....	-	-	-	17,175	-	-	-	-	-
Tulloch (CA).....	-	-	-	4,579	-	-	-	-	-
Oglethorpe Power Corp			213	-48,363					1
Rocky Mountain (GA).....	-	-	-	-48,358	-	-	-	-	-
Sewell Creek Energy (GA).....	-	-	-169	-	-	-	-	-	-
Smarr Energy (GA).....	-	-	-76	-	-	-	-	-	-
Talbot (GA).....	-	-	458	-	-	-	-	-	1
Tallassee (GA).....	-	-	-	-5	-	-	-	-	-
Ohio Edison Co	1,492,344	2,761	11,745				602	5	186
Burger, R E (OH).....	189,856	74	-	-	-	-	86	*	-
Edgewater (OH).....	-	41	-9	-	-	-	-	*	-
Mad River (OH).....	-	-33	-	-	-	-	-	-	-
Sammis (OH).....	1,302,488	283	-	-	-	-	516	1	-
West Lorain (OH).....	-	2,396	11,754	-	-	-	-	4	186
Ohio Power Co	2,699,683	6,503		12,104			1,056	11	
Gavin, Gen J M (OH).....	751,263	2,797	-	-	-	-	302	5	-
Kammer (WV).....	348,318	351	-	-	-	-	127	1	-
Mitchell (WV).....	856,309	2,413	-	-	-	-	335	4	-
Muskingum River (OH).....	743,793	942	-	-	-	-	292	2	-
Racine (OH).....	-	-	-	12,104	-	-	-	-	-
Ohio Valley Elec Corp	488,832	492					213	1	
Kyger Creek (OH).....	488,832	492	-	-	-	-	213	1	-
Oklahoma Gas & Elec Co	1,385,497	1,892	388,492				818	3	4,405
Conoco (OK).....	-	-	38,339	-	-	-	-	-	366
Enid (OK).....	-	-	-	-	-	-	-	-	-
Horseshoe Lake (OK).....	-	1,518	27,452	-	-	-	-	2	284

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)									
Muskogee (OK).....	713,469	-	887	-	-	-	432	-	21
Mustang (OK).....	-	-	97,315	-	-	-	-	-	1,087
Seminole (OK).....	-	-	224,485	-	-	-	-	-	2,648
Sooner (OK).....	672,028	374	-	-	-	-	386	1	-
Woodward (OK).....	-	-	14	-	-	-	-	-	*
Oklahoma Mun Power Authority			2,449	6,915					19
Kaw Hydro (OK).....	-	-	-	6,915	-	-	-	-	-
Ponca Steam (OK).....	-	-	-	-	-	-	-	-	-
Ponca Steam (OK).....	-	-	2,449	-	-	-	-	-	19
Omaha Public Power Dist	667,322	156	3,906		364,199		389		46
Fort Calhoun (NE).....	-	-	-	-	364,199	-	-	-	-
Jones Street (NE).....	-	-9	-	-	-	-	-	*	-
Nebraska City (NE).....	431,838	128	-	-	-	-	246	*	-
North Omaha (NE).....	235,484	-	1,970	-	-	-	143	-	21
Sarpy (NE).....	-	37	1,936	-	-	-	-	*	25
Orlando (City of)	483,086	1,069	17,019			4,612	192	2	221
Indian River (FL).....	-	688	16,792	-	-	-	-	2	218
St Cloud (FL).....	-	34	227	-	-	-	-	*	3
Stanton (FL).....	483,086	347	-	-	-	4,612	192	1	-
Oroville Wyandotte I Dist				37,667					
Forbestown (CA).....	-	-	-	10,923	-	-	-	-	-
Kelly Ridge (CA).....	-	-	-	4,999	-	-	-	-	-
Sly Creek (CA).....	-	-	-	2,417	-	-	-	-	-
Woodleaf (CA).....	-	-	-	19,328	-	-	-	-	-
Orrville (City of)	20,510		49				13		1
Orrville (OH).....	20,510	-	49	-	-	-	13	-	1
Otter Tail Power Co	407,885	1,132		1,513			312	3	
Bemidji (MN).....	-	-	-	103	-	-	-	-	-
Big Stone (SD).....	49,838	691	-	-	-	-	34	2	-
Coyote (ND).....	285,657	414	-	-	-	-	234	1	-
Dayton Hollow (MN).....	-	-	-	495	-	-	-	-	-
Hoot Lake (MN).....	72,390	6	-	292	-	-	44	*	-
Jamestown (ND).....	-	21	-	-	-	-	-	*	-
Lake Preston (SD).....	-	-	-	-	-	-	-	*	-
Pisgah (MN).....	-	-	-	270	-	-	-	-	-
Taplin Gorge (MN).....	-	-	-	350	-	-	-	-	-
Wright (MN).....	-	-	-	3	-	-	-	-	-
Owensboro (City of)	139,826	203					68	1	
Elmer Smith (KY).....	139,826	203	-	-	-	-	68	1	-
Pacific Gas & Electric Co		1,646	21,605	758,704	1,296,739			4	349
Alta (CA).....	-	-	-	558	-	-	-	-	-
Balch 1 (CA).....	-	-	-	1,522	-	-	-	-	-
Balch 2 (CA).....	-	-	-	21,593	-	-	-	-	-
Belden (CA).....	-	-	-	41,904	-	-	-	-	-
Black, James B (CA).....	-	-	-	41,121	-	-	-	-	-
Bucks Creek (CA).....	-	-	-	26,120	-	-	-	-	-
Butt Valley (CA).....	-	-	-	18,537	-	-	-	-	-
Caribou 1 (CA).....	-	-	-	14,655	-	-	-	-	-
Caribou 2 (CA).....	-	-	-	54,128	-	-	-	-	-
Centerville (CA).....	-	-	-	762	-	-	-	-	-
Chili Bar (CA).....	-	-	-	1,680	-	-	-	-	-
Coal Canyon (CA).....	-	-	-	-	-	-	-	-	-
Coleman (CA).....	-	-	-	3,849	-	-	-	-	-
Cow Creek (CA).....	-	-	-	276	-	-	-	-	-
Crane Valley (CA).....	-	-	-	508	-	-	-	-	-
Cresta (CA).....	-	-	-	19,626	-	-	-	-	-
De Sabla (CA).....	-	-	-	3,170	-	-	-	-	-
Deer Creek (CA).....	-	-	-	2,220	-	-	-	-	-
Diablo Canyon (CA).....	-	-	-	-	1,296,739	-	-	-	-
Downieville (CA).....	-	-	-	-	-	-	-	-	-
Drum 1 (CA).....	-	-	-	3,067	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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).....									
Drum 2 (CA).....	-	-	-	20,764	-	-	-	-	-
Dutch Flat (CA).....	-	-	-	9,759	-	-	-	-	-
Electra (CA).....	-	-	-	30,312	-	-	-	-	-
Haas (CA).....	-	-	-	19,712	-	-	-	-	-
Halsey (CA).....	-	-	-	2,517	-	-	-	-	-
Hamilton Branch (CA).....	-	-	-	485	-	-	-	-	-
Hat Creek 1 (CA).....	-	-	-	2,843	-	-	-	-	-
Hat Creek 2 (CA).....	-	-	-	3,955	-	-	-	-	-
Helms (CA).....	-	-	-	-13,872	-	-	-	-	-
Humbolt Bay (CA).....	-	61	16,552	-	-	-	-	*	258
Hunters Point (CA).....	-	1,585	5,053	-	-	-	-	4	90
Inskip (CA).....	-	-	-	2,533	-	-	-	-	-
Kerckhoff (CA).....	-	-	-	-	-	-	-	-	-
Kerckhoff 2 (CA).....	-	-	-	17,296	-	-	-	-	-
Kern Canyon (CA).....	-	-	-	1,844	-	-	-	-	-
Kilarc (CA).....	-	-	-	806	-	-	-	-	-
Kings River (CA).....	-	-	-	6,389	-	-	-	-	-
Lime Saddle (CA).....	-	-	-	525	-	-	-	-	-
Merced Falls (CA).....	-	-	-	620	-	-	-	-	-
Mobile Turbine (CA).....	-	-	-	-	-	-	-	-	-
Narrows (CA).....	-	-	-	2,171	-	-	-	-	-
Newcastle (CA).....	-	-	-	903	-	-	-	-	-
Oak Flat (CA).....	-	-	-	354	-	-	-	-	-
Phoenix (CA).....	-	-	-	577	-	-	-	-	-
Pit 1 (CA).....	-	-	-	22,290	-	-	-	-	-
Pit 3 (CA).....	-	-	-	27,685	-	-	-	-	-
Pit 4 (CA).....	-	-	-	32,124	-	-	-	-	-
Pit 5 (CA).....	-	-	-	59,858	-	-	-	-	-
Pit 6 (CA).....	-	-	-	21,975	-	-	-	-	-
Pit 7 (CA).....	-	-	-	29,294	-	-	-	-	-
Poe (CA).....	-	-	-	38,037	-	-	-	-	-
Potter Valley (CA).....	-	-	-	1,802	-	-	-	-	-
PVUSA 1 (CA).....	-	-	-	-	-	-	-	-	-
Rock Creek (CA).....	-	-	-	30,960	-	-	-	-	-
Salt Springs (CA).....	-	-	-	21,952	-	-	-	-	-
San Joaquin 3 (CA).....	-	-	-	2,623	-	-	-	-	-
San Joaquin No. 1a (CA).....	-	-	-	261	-	-	-	-	-
San Joaquin No. 2 (CA).....	-	-	-	1,964	-	-	-	-	-
South (CA).....	-	-	-	3,087	-	-	-	-	-
Spaulding No. 1 (CA).....	-	-	-	2,504	-	-	-	-	-
Spaulding No. 2 (CA).....	-	-	-	896	-	-	-	-	-
Spaulding No. 3 (CA).....	-	-	-	-	-	-	-	-	-
Spring Gap (CA).....	-	-	-	2,160	-	-	-	-	-
Stanislaus (CA).....	-	-	-	40,123	-	-	-	-	-
Tiger Creek (CA).....	-	-	-	30,460	-	-	-	-	-
Toadtown (CA).....	-	-	-	-	-	-	-	-	-
Tule River (CA).....	-	-	-	-	-	-	-	-	-
Volta (CA).....	-	-	-	2,609	-	-	-	-	-
Volta 2 (CA).....	-	-	-	308	-	-	-	-	-
West Point (CA).....	-	-	-	7,279	-	-	-	-	-
Wise (CA).....	-	-	-	3,277	-	-	-	-	-
Wishon, A G (CA).....	-	-	-	9,387	-	-	-	-	-
Pacificorp.....	3,824,087	2,685	114,743	163,382		17,641	2,137	4	1,342
American Fork (UT).....	-	-	-	474	-	-	-	-	-
Ashton (ID).....	-	-	-	1,924	-	-	-	-	-
Beaver Upper (UT).....	-	-	-	379	-	-	-	-	-
Bend (OR).....	-	-	-	159	-	-	-	-	-
Big Fork (MT).....	-	-	-	1,371	-	-	-	-	-
Blundell (UT).....	-	-	-	-	-	17,641	-	-	-
Bridger, Jim (WY).....	1,403,961	1,144	-	-	-	-	792	2	-
Carbon (UT).....	117,449	216	-	-	-	-	61	*	-
Clearwater 1 (OR).....	-	-	-	3,267	-	-	-	-	-
Clearwater 2 (OR).....	-	-	-	2,368	-	-	-	-	-
Cline Falls (OR).....	-	-	-	-	-	-	-	-	-
Condit (WA).....	-	-	-	3,608	-	-	-	-	-
Copco 1 (CA).....	-	-	-	5,473	-	-	-	-	-
Copco 2 (CA).....	-	-	-	6,888	-	-	-	-	-
Cove (ID).....	-	-	-	212	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)									
Cutler (UT)	-	-	-	2,398	-	-	-	-	-
Eagle Point (OR)	-	-	-	-1	-	-	-	-	-
East Side (OR)	-	-	-	483	-	-	-	-	-
Fall Creek (CA)	-	-	-	960	-	-	-	-	-
Fish Creek (OR)	-	-	-	802	-	-	-	-	-
Ftn Green (UT)	-	-	-	34	-	-	-	-	-
Gadsby (UT)	-	-	102,432	-	-	-	-	-	1,140
Grace (ID)	-	-	-	597	-	-	-	-	-
Granite (UT)	-	-	-	422	-	-	-	-	-
Hunter (emery) (UT)	936,397	412	-	-	-	-	464	1	-
Huntington Canyon (UT)	262,836	585	-	-	-	-	127	1	-
Hydro No. 1 (UT)	-	-	-	-	-	-	-	-	-
Hydro No. 2 (UT)	-	-	-	-	-	-	-	-	-
Hydro No. 3 (UT)	-	-	-	-	-	-	-	-	-
Iron Gate (CA)	-	-	-	7,118	-	-	-	-	-
John C Boyle (OR)	-	-	-	8,724	-	-	-	-	-
Johnston, Dave (WY)	500,589	324	-	-	-	-	336	1	-
Last Chance (UT)	-	-	-	-	-	-	-	-	-
Lemolo 1 (OR)	-	-	-	10,590	-	-	-	-	-
Lemolo 2 (OR)	-	-	-	12,294	-	-	-	-	-
Little Mountain (UT)	-	-	10,118	-	-	-	-	-	180
Merwin (WA)	-	-	-	16,322	-	-	-	-	-
Naches (WA)	-	-	-	917	-	-	-	-	-
Naches Drop (WA)	-	-	-	259	-	-	-	-	-
Naughton (WY)	352,207	-	2,193	-	-	-	174	-	22
Olmstead (UT)	-	-	-	128	-	-	-	-	-
Oneida (ID)	-	-	-	982	-	-	-	-	-
Paris (ID)	-	-	-	85	-	-	-	-	-
Pioneer (UT)	-	-	-	24	-	-	-	-	-
Powerdale (OR)	-	-	-	2,057	-	-	-	-	-
Prospect 1 (OR)	-	-	-	-	-	-	-	-	-
Prospect 2 (OR)	-	-	-	-35	-	-	-	-	-
Prospect 3 (OR)	-	-	-	1,087	-	-	-	-	-
Prospect 4 (OR)	-	-	-	-	-	-	-	-	-
Skookumchuck (WA)	-	-	-	73	-	-	-	-	-
Slide Creek (OR)	-	-	-	4,526	-	-	-	-	-
Snake Creek (UT)	-	-	-	160	-	-	-	-	-
Soda (ID)	-	-	-	-7	-	-	-	-	-
Soda Springs (OR)	-	-	-	3,287	-	-	-	-	-
St Anthony (ID)	-	-	-	-3	-	-	-	-	-
Stairs (UT)	-	-	-	203	-	-	-	-	-
Swift 1 (WA)	-	-	-	35,831	-	-	-	-	-
Swift No. 2 (WA)	-	-	-	-	-	-	-	-	-
Toketee (OR)	-	-	-	4,009	-	-	-	-	-
Viva (WY)	-	-	-	8	-	-	-	-	-
Wallowa Falls (OR)	-	-	-	569	-	-	-	-	-
Weber (UT)	-	-	-	177	-	-	-	-	-
West Side (OR)	-	-	-	-2	-	-	-	-	-
Wyodak (WY)	250,648	4	-	-	-	-	183	*	-
Yale (WA)	-	-	-	22,181	-	-	-	-	-
Painesville (City of)	4,093	-	15	-	-	-	5	-	-
Painesville (OH)	4,093	-	15	-	-	-	5	-	*
Pasadena (City of)	-	-	9,194	65	-	-	-	-	115
Azusa (CA)	-	-	-	65	-	-	-	-	-
Broadway (CA)	-	-	9,194	-	-	-	-	-	115
Glenarm (CA)	-	-	-	-	-	-	-	-	-
Peabody (City of)	-	634	1,559	-	-	-	-	1	21
Waters River (MA)	-	634	1,559	-	-	-	-	1	21
Pend Oreille Pub Util D#1	-	-	-	36,079	-	-	-	-	-
Box Canyon (WA)	-	-	-	36,079	-	-	-	-	-
Calispel Creek (WA)	-	-	-	-	-	-	-	-	-
Pennsylvania Power Co.	1,096,256	1,234	-	-	1,249,381	-	461	2	-
Beaver Valley (PA)	-	-	-	-	1,249,381	-	-	-	-
Mansfield, Bruce (PA)	1,096,256	1,234	-	-	-	-	461	2	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)
Piqua (City of)	-	-	-	-	-	-	-	-	-
Piqua (OH).....	-	-	-	-	-	-	-	-	-
Placer County Wtr Agency	-	-	-	34,270	-	-	-	-	-
French Meadows (CA).....	-	-	-	5,784	-	-	-	-	-
Hell Hole (CA).....	-	-	-	352	-	-	-	-	-
Middle Fork (CA).....	-	-	-	16,523	-	-	-	-	-
Oxbow (CA).....	-	-	-	626	-	-	-	-	-
Ralston (CA).....	-	-	-	10,985	-	-	-	-	-
Platte River Power Auth	112,043	63	6,962	-	-	1,464	66	-	82
Medicine Bow (WY).....	-	-	-	-	-	1,464	-	-	-
Rawhide (CO).....	112,043	63	6,962	-	-	-	66	*	82
Portland General Elec Co	410,818	-	141,760	154,445	-	-	233	-	1,154
Beaver (OR).....	-	-	5,216	-	-	-	-	-	154
Boardman (OR).....	410,818	-	-	-	-	-	233	-	-
Bull Run (OR).....	-	-	-	506	-	-	-	-	-
Coyote Springs (OR).....	-	-	136,544	-	-	-	-	-	1,000
Faraday (OR).....	-	-	-	2,662	-	-	-	-	-
North Fork (OR).....	-	-	-	4,371	-	-	-	-	-
Oak Grove (OR).....	-	-	-	16,500	-	-	-	-	-
Pelton (OR).....	-	-	-	32,724	-	-	-	-	-
Pelton Re Regulation (OR).....	-	-	-	6,195	-	-	-	-	-
Portland Hydro Proj 1 (OR).....	-	-	-	3	-	-	-	-	-
Portland Hydro Proj 2 (OR).....	-	-	-	-	-	-	-	-	-
River Mill (OR).....	-	-	-	3,002	-	-	-	-	-
Round Butte (OR).....	-	-	-	76,825	-	-	-	-	-
Sullivan (OR).....	-	-	-	11,657	-	-	-	-	-
Power Authy of St of N Y	-	27,947	366,107	1,419,231	-	-	-	47	3,566
Ashokan (NY).....	-	-	-	-	-	-	-	-	-
Blenheim (NY).....	-	-	-	-39,531	-	-	-	-	-
Brentwood (NY).....	-	-	3,164	-	-	-	-	-	33
Crescent (NY).....	-	-	-	4,885	-	-	-	-	-
Flynn (NY).....	-	-	87,144	-	-	-	-	-	691
Harlem (NY).....	-	-	15,588	-	-	-	-	-	164
Hell Gate (NY).....	-	-	13,392	-	-	-	-	-	139
Hinckley (NY).....	-	-	-	1,538	-	-	-	-	-
Kensico (NY).....	-	-	-	-	-	-	-	-	-
Lewiston (NY).....	-	-	-	-31,015	-	-	-	-	-
Moses Niagara (NY).....	-	-	-	960,060	-	-	-	-	-
Moses Power Dam (NY).....	-	-	-	518,611	-	-	-	-	-
Poletti (NY).....	-	27,947	236,046	-	-	-	-	47	2,426
Pouch (NY).....	-	-	2,410	-	-	-	-	-	25
Vernon (NY).....	-	-	8,363	-	-	-	-	-	89
Vischer Ferry (NY).....	-	-	-	4,683	-	-	-	-	-
PSI Energy, Inc	2,475,569	4,290	110,592	42,995	-	-	1,158	9	1,146
Cayuga (IN).....	241,647	305	601	-	-	-	115	1	8
Connersville (IN).....	-	-18	-	-	-	-	-	-	-
Edwardsport (IN).....	19,581	70	-	-	-	-	12	*	-
Gallagher, R (IN).....	137,146	1,692	-	-	-	-	73	4	-
Gibson (IN).....	1,751,943	1,550	-	-	-	-	797	3	-
Markland (IN).....	-	-	-	42,995	-	-	-	-	-
Miami Wabash (IN).....	-	-82	-	-	-	-	-	-	-
Noblesville (IN).....	7,410	51	-	-	-	-	5	*	-
Wabash River (IN).....	317,842	722	109,991	-	-	-	157	1	1,139
Pub Serv Co of New Hamp	266,305	98,348	17,880	12,921	-	-	108	175	194
Amoskeag (NH).....	-	-	-	1,864	-	-	-	-	-
Ayers Island (NH).....	-	-	-	1,559	-	-	-	-	-
Canaan (VT).....	-	-	-	438	-	-	-	-	-
Eastman Falls (NH).....	-	-	-	824	-	-	-	-	-
Garvins Falls (NH).....	-	-	-	789	-	-	-	-	-
Gorham (NH).....	-	-	-	870	-	-	-	-	-
Hooksett (NH).....	-	-	-	417	-	-	-	-	-
Jackman (NH).....	-	-	-	375	-	-	-	-	-
Lost Nation (NH).....	-	37	-	-	-	-	-	*	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)									
Merrimack (NH)	187,485	147	-	-	-	-	70	*	-
Newington (NH)	-	97,982	17,880	-	-	-	-	175	194
Schiller (NH)	78,820	150	-	-	-	-	38	*	-
Smith (NH)	-	-	-	5,785	-	-	-	-	-
White Lake (NH)	-	32	-	-	-	-	-	*	-
Pub Serv Co of New Mexico	903,905	1,526	2,586	-	-	-	497	3	34
Las Vegas (NM)	-	-11	-	-	-	-	-	-	-
Reeves (NM)	-	-	2,586	-	-	-	-	-	34
San Juan (NM)	903,905	1,537	-	-	-	-	497	3	-
Public Service Co of Colo	1,551,264	10	453,821	2,105	-	3,948	894	-	3,620
Alamosa (CO)	-	-	472	-	-	-	-	-	1
Ames (CO)	-	-	-	646	-	-	-	-	-
Arapahoe (CO)	102,660	-	18,938	-	-	-	74	-	279
Boulder Hydro (CO)	-	-	-	-	-	-	-	-	-
Cabin Creek (CO)	-	-	-	-6,038	-	-	-	-	-
Cameo (CO)	41,541	-	690	-	-	-	27	-	10
Cherokee (CO)	225,565	-	4,763	-	-	-	113	-	53
Comanche (CO)	412,184	-	420	-	-	-	257	-	5
Fort Lupton (CO)	-	-	745	-	-	-	-	-	12
Fort St. Vrain (CO)	-	-	425,912	-	-	-	-	-	3,225
Fruita (CO)	-	-	-	-	-	-	-	-	-
Georgetown Hydro (CO)	-	-	-	15	-	-	-	-	-
Hayden (CO)	292,344	10	1	-	-	-	146	*	*
Palisade Hydro (CO)	-	-	-	1,292	-	-	-	-	-
Pawnee (CO)	348,135	-	65	-	-	-	223	-	1
Ponsequin (CO)	-	-	-	-	-	3,948	-	-	-
Salida No. 1 Hydro (CO)	-	-	-	29	-	-	-	-	-
Salida No. 2 Hydro (CO)	-	-	-	29	-	-	-	-	-
Shoshone Hydro (CO)	-	-	-	6,132	-	-	-	-	-
Tacoma (CO)	-	-	-	-	-	-	-	-	-
Valmont (CO)	128,835	-	18	-	-	-	55	-	*
Zuni (CO)	-	-	1,797	-	-	-	-	-	36
Public Service Co of Okla	632,599	-	529,130	-	-	-	371	-	4,929
Comanche (OK)	-	-	107,909	-	-	-	-	-	991
Northeastern (OK)	632,599	-	202,907	-	-	-	371	-	1,614
Riverside (OK)	-	-	142,416	-	-	-	-	-	1,436
Southwestern (OK)	-	-	54,406	-	-	-	-	-	636
Tulsa (OK)	-	-	21,376	-	-	-	-	-	251
Weleetka (OK)	-	-	116	-	-	-	-	-	*
Puget Sound Pwr & Lgt Co	-	96	46,050	35,333	-	-	-	-	584
Crystal Mountain (WA)	-	-	-	-	-	-	-	-	-
Electron (WA)	-	-	-	5,560	-	-	-	-	-
Encogen (WA)	-	-	45,781	-	-	-	-	-	580
Frederickson (WA)	-	96	269	-	-	-	-	*	4
Fredonia (WA)	-	-	-	-	-	-	-	-	-
Lower Baker (WA)	-	-	-	4,008	-	-	-	-	-
Nooksack (WA)	-	-	-	-	-	-	-	-	-
Snoqualmie (WA)	-	-	-	4,890	-	-	-	-	-
South Whidbey (WA)	-	-	-	-	-	-	-	-	-
Upper Baker (WA)	-	-	-	13,302	-	-	-	-	-
White River (WA)	-	-	-	7,573	-	-	-	-	-
Whitehorn (WA)	-	-	-	-	-	-	-	-	-
Redding (City of)	-	-	10,198	2,637	-	-	-	-	95
Redding Power (CA)	-	-	10,198	-	-	-	-	-	95
Whiskeytown (CA)	-	-	-	2,637	-	-	-	-	-
Reliant Energy HL&P	2,331,720	-	520,935	-	961,912	-	1,577	-	6,294
Bertron, Sam (TX)	-	-	44,821	-	-	-	-	-	577
Cedar Bayou (TX)	-	-	210,881	-	-	-	-	-	2,377
Clarke, Hiram (TX)	-	-	-	-	-	-	-	-	-
Deepwater (TX)	-	-	-450	-	-	-	-	-	-
Greens Bayou (TX)	-	-	21,309	-	-	-	-	-	273
Limestone (TX)	1,099,496	-	623	-	-	-	797	-	6
Parish, W A (TX)	1,232,224	-	27,374	-	-	-	779	-	342

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)									
Robinson, P H (TX).....	-	-	-1,154	-	-	-	-	-	-
San Jacinto (TX).....	-	-	107,033	-	-	-	-	-	1,296
South Texas (TX).....	-	-	-	-	961,912	-	-	-	-
Webster (TX).....	-	-	14,280	-	-	-	-	-	173
Wharton, T H (TX).....	-	-	96,218	-	-	-	-	-	1,249
Richmond (City of)	33,700	24	-	-	-	-	17	-	-
Whitewater Valley (IN).....	33,700	24	-	-	-	-	17	*	-
Rochester (City of)	12,898	-	823	1,702	-	-	7	-	9
Cascade Creek (MN).....	-	-	-	-	-	-	-	-	-
Rochester (MN).....	-	-	-	1,702	-	-	-	-	-
Silver Lake (MN).....	12,898	-	823	-	-	-	7	-	9
Rochester Gas & Elec Corp.	152,578	407	634	4,190	366,674	-	61	1	10
Ginna (NY).....	-	-	-	-	366,674	-	-	-	-
Station 160 (NY).....	-	-	-	-	-	-	-	-	-
Station 170 (NY).....	-	-	-	81	-	-	-	-	-
Station 2 (NY).....	-	-	-	28	-	-	-	-	-
Station 26 (NY).....	-	-	-	360	-	-	-	-	-
Station 3 (NY).....	-	320	-	-	-	-	-	1	-
Station 5 (NY).....	-	-	-	3,721	-	-	-	-	-
Station 7 (NY).....	152,578	87	-	-	-	-	61	*	-
Station 9 (NY).....	-	-	634	-	-	-	-	-	10
Ruston (City of)	-	-	2,590	-	-	-	-	-	32
Ruston (LA).....	-	-	2,590	-	-	-	-	-	32
Sacramento Mun Util Dist	-	-	160,950	105,280	-	423	-	-	1,875
Camino (CA).....	-	-	-	27,116	-	-	-	-	-
Camp Far W (CA).....	-	-	-	-	-	-	-	-	-
Campbell Soup (CA).....	-	-	74,338	-	-	-	-	-	870
Carson (CA).....	-	-	30,699	-	-	-	-	-	372
Hedge PV (CA).....	-	-	-	-	-	29	-	-	-
Jaybird (CA).....	-	-	-	42,418	-	-	-	-	-
Jones Fork (CA).....	-	-	-	1,541	-	-	-	-	-
Loon Lake (CA).....	-	-	-	1,033	-	-	-	-	-
McClellan (CA).....	-	-	-	-	-	-	-	-	-
Proc&Gamble (CA).....	-	-	55,913	-	-	-	-	-	633
Robbs Peak (CA).....	-	-	-	289	-	-	-	-	-
Slab Creek (CA).....	-	-	-	-	-	-	-	-	-
Solano (CA).....	-	-	-	-	-	238	-	-	-
Solar (CA).....	-	-	-	-	-	156	-	-	-
Union Valley (CA).....	-	-	-	9,969	-	-	-	-	-
White Rock (CA).....	-	-	-	22,914	-	-	-	-	-
Safe Harbor Water Power Corp	-	-	-	68,025	-	-	-	-	-
Safe Harbor (PA).....	-	-	-	68,025	-	-	-	-	-
Salt River Project	1,984,318	3,285	463,427	12,897	-	32	948	7	4,367
Agua Fria (AZ).....	-	19	96,437	-	-	32	-	*	1,073
Coronado (AZ).....	471,769	999	-	-	-	-	241	2	-
Crosscut (AZ).....	-	-	-	-	-	-	-	-	-
Horse Mesa (AZ).....	-	-	-	7,665	-	-	-	-	-
Kyrene (AZ).....	-	58	246,603	-	-	-	-	*	2,219
Mormon Flat (AZ).....	-	-	-	5,263	-	-	-	-	-
Navajo (AZ).....	1,512,549	2,209	-	-	-	-	707	4	-
Roosevelt (AZ).....	-	-	-	-19	-	-	-	-	-
San Tan (AZ).....	-	-	120,387	-	-	-	-	-	1,075
South Con (AZ).....	-	-	-	-	-	-	-	-	-
Stewart Mtn (AZ).....	-	-	-	-12	-	-	-	-	-
San Antonio Pub Serv Brd.	621,331	529	410,664	-	-	-	355	1	3,823
Arthur von Rosenberg (TX).....	-	-	146,249	-	-	-	-	-	1,048
Braunig, V H (TX).....	-	-	144,312	-	-	-	-	-	1,561
Deely, J T (TX).....	221,290	511	-	-	-	-	137	1	-
J K Spruce (TX).....	400,041	-	301	-	-	-	218	-	4
Leon Creek (TX).....	-	-	-125	-	-	-	-	-	-
Mission Road (TX).....	-	-	-140	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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 Antonio Pub Serv Brd (Continued)									
Sommers, O W (TX)	-	18	119,147	-	-	-	-	*	1,195
Tuttle, W B (TX)	-	-	920	-	-	-	-	-	15
San Miguel Elec Coop Inc.	261,846	360	-	-	-	-	299	1	-
San Miguel (TX).....	261,846	360	-	-	-	-	299	1	-
Santa Clara (City of)	-	-	4,831	8,165	-	-	-	-	73
Black Butte (CA).....	-	-	-	275	-	-	-	-	-
Cogen Plant (CA).....	-	-	4,769	-	-	-	-	-	72
Gianera (CA).....	-	-	62	-	-	-	-	-	1
Grizzly (CA).....	-	-	-	7,105	-	-	-	-	-
Highline (CA).....	-	-	-	99	-	-	-	-	-
Stony Gorge (CA).....	-	-	-	686	-	-	-	-	-
Savannah Elec & Pwr Co.	183,268	318	15,216	-	-	-	76	1	198
Boulevard (GA).....	-	-	-	-	-	-	-	-	-
Kraft (GA).....	77,735	-	2,293	-	-	-	32	-	24
McIntosh (GA).....	105,533	318	12,923	-	-	-	44	1	174
Riverside (GA).....	-	-	-	-	-	-	-	-	-
Seattle (City of)	-	-	-	356,771	-	-	-	-	-
Boundary (WA).....	-	-	-	229,849	-	-	-	-	-
Cedar Falls (WA).....	-	-	-	-64	-	-	-	-	-
Diablo (WA).....	-	-	-	38,652	-	-	-	-	-
Gorge (WA).....	-	-	-	45,763	-	-	-	-	-
New Halem (WA).....	-	-	-	-9	-	-	-	-	-
Ross Dam (WA).....	-	-	-	38,527	-	-	-	-	-
South Fork Tolt (WA).....	-	-	-	4,053	-	-	-	-	-
Seminole Electric Coop	1,044,647	86,433	123,335	-	-	-	318	27	1,384
Payne Creek (FL).....	-	1,620	123,335	-	-	-	-	3	1,384
Seminole (FL).....	1,044,647	84,813	-	-	-	-	318	23	-
Sierra Pacific Power Co	94,670	416	209,312	2,787	-	-	76	1	2,082
26 Foot Drop (NV).....	-	-	-	-	-	-	-	-	-
Battle Mt (NV).....	-	-20	-	-	-	-	-	*	-
Brunswick (NV).....	-	-26	-	-	-	-	-	*	-
Elko (NV).....	-	-	-	-	-	-	-	-	-
Fallon (NV).....	-	-	-	-	-	-	-	-	-
Farad (CA).....	-	-	-	-2	-	-	-	-	-
Fleish (NV).....	-	-	-	-2	-	-	-	-	-
Fort Churchill (NV).....	-	299	91,414	-	-	-	-	*	919
Gabbs (NV).....	-	-28	-	-	-	-	-	*	-
Kings Beach (CA).....	-	-37	-	-	-	-	-	-	-
Lahontan (NV).....	-	-	-	-	-	-	-	-	-
North Valmy (NV).....	94,670	307	-	-	-	-	76	1	-
Pinon Pine (NV).....	-	-	-	-	-	-	-	-	-
Portola (CA).....	-	-49	-	-	-	-	-	-	-
Tracy (NV).....	-	-	117,918	-	-	-	-	-	1,163
Valley Road (NV).....	-	-30	-	-	-	-	-	-	-
Verdi (NV).....	-	-	-	1,609	-	-	-	-	-
Washoe (NV).....	-	-	-	1,182	-	-	-	-	-
Winnemucca (NV).....	-	-	-20	-	-	-	-	-	*
Sikeston (City of)	153,411	68	-	-	-	-	97	-	-
Coleman, E. P. (MO).....	-	4	-	-	-	-	-	*	-
Sikeston (MO).....	153,411	64	-	-	-	-	97	*	-
So Carolina Elec & Gas Co.	1,052,539	5,774	61,527	-1,913	726,869	-	422	9	485
Burton (SC).....	-	4	194	-	-	-	-	*	5
Canadys (SC).....	138,290	287	239	-	-	-	56	*	2
Coit (SC).....	-	282	-	-	-	-	-	1	-
Columbia Hydro (SC).....	-	-	-	746	-	-	-	-	-
Cope (SC).....	297,911	1	-	-	-	-	118	*	-
Faber Place (SC).....	-	-	45	-	-	-	-	-	1
Fairfield County (SC).....	-	-	-	-26,281	-	-	-	-	-
Hagood (SC).....	-	790	3,132	-	-	-	-	2	41
Hardeeville (SC).....	-	73	-	-	-	-	-	*	-
Mcmeekin (SC).....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)									
Neal Shoals (SC)	-	-	-	1,215	-	-	-	-	-
Parr (SC).....	-	141	85	-	-	-	-	*	1
Parr Hydro (SC).....	-	-	-	3,878	-	-	-	-	-
Saluda Hydro (SC).....	-	-	-	14,810	-	-	-	-	-
SRS (SC).....	10,197	-	-	-	-	-	12	-	-
Stevens Creek Hydro (GA)	-	-	-	3,719	-	-	-	-	-
Urauhart (SC).....	64,291	72	57,457	-	-	-	23	*	428
V. C. Sumner (SC).....	-	-	-	-	726,869	-	-	-	-
Wateree (SC).....	241,974	2,944	-	-	-	-	92	5	-
Williams (SC).....	299,876	1,180	375	-	-	-	120	2	6
So Carolina Pub Serv Auth	1,492,840	1,420	27,118	16,694	-	1,235	599	3	220
Cross (SC).....	618,218	342	-	-	-	-	240	1	-
Grainger, Dolphus M (SC)	64,390	56	-	-	-	-	29	*	-
Hilton Head (SC).....	-	304	-	-	-	-	-	1	-
Horry County (SC).....	-	-	-	-	-	1,235	-	-	-
Jefferies (SC).....	177,302	102	-	15,643	-	-	77	*	-
Myrtle Beach (SC).....	-	26	-43	-	-	-	-	*	-
Rainey (SC).....	-	-	27,161	-	-	-	-	-	220
Spillway (SC).....	-	-	-	998	-	-	-	-	-
St Stephens (SC).....	-	-	-	53	-	-	-	-	-
Winyah (SC).....	632,930	590	-	-	-	-	254	1	-
South Miss Elec Pwr Assoc	230,409	602	36,748	-	-	-	111	1	440
Benndale (MS).....	-	-	23	-	-	-	-	-	*
Morrow (MS).....	230,409	537	-	-	-	-	111	1	-
Moselle (MS).....	-	49	36,725	-	-	-	-	*	440
Paulding (MS).....	-	16	-	-	-	-	-	*	-
Southern Calif Edison Co	804,249	2,576	851	147,266	1,652,094	-	366	5	9
Baker Dam (CA).....	-	-	-	-	-	-	-	-	-
Big Creek 1 (CA).....	-	-	-	16,785	-	-	-	-	-
Big Creek 2 (CA).....	-	-	-	14,660	-	-	-	-	-
Big Creek 2a (CA).....	-	-	-	18,563	-	-	-	-	-
Big Creek 3 (CA).....	-	-	-	25,379	-	-	-	-	-
Big Creek 4 (CA).....	-	-	-	10,882	-	-	-	-	-
Big Creek 8 (CA).....	-	-	-	10,849	-	-	-	-	-
Bishop Creek 2 (CA).....	-	-	-	-	-	-	-	-	-
Bishop Creek 3 (CA).....	-	-	-	1,657	-	-	-	-	-
Bishop Creek 4 (CA).....	-	-	-	2,848	-	-	-	-	-
Bishop Creek 5 (CA).....	-	-	-	692	-	-	-	-	-
Bishop Creek 6 (CA).....	-	-	-	365	-	-	-	-	-
Borel (CA).....	-	-	-	36	-	-	-	-	-
Dominguez Hills (CA).....	-	-	-	-	-	-	-	-	-
Eastwood (CA).....	-	-	-	14,286	-	-	-	-	-
Fontana (CA).....	-	-	-	153	-	-	-	-	-
Kaweah 1 (CA).....	-	-	-	225	-	-	-	-	-
Kaweah 2 (CA).....	-	-	-	-	-	-	-	-	-
Kaweah 3 (CA).....	-	-	-	99	-	-	-	-	-
Kern River 1 (CA).....	-	-	-	9,140	-	-	-	-	-
Kern River 3 (CA).....	-	-	-	423	-	-	-	-	-
Lundy (CA).....	-	-	-	338	-	-	-	-	-
Lytle Creek (CA).....	-	-	-	77	-	-	-	-	-
Mammoth Pool (CA).....	-	-	-	9,174	-	-	-	-	-
Mill Creek 1 (CA).....	-	-	-	108	-	-	-	-	-
Mill Creek 3 (CA).....	-	-	-	319	-	-	-	-	-
Mohave (NV).....	804,249	-	851	-	-	-	366	-	9
Ontario 1 (CA).....	-	-	-	105	-	-	-	-	-
Ontario 2 (CA).....	-	-	-	27	-	-	-	-	-
Pebbly Beach (CA).....	-	2,576	-	-	-	-	-	5	-
Poole (CA).....	-	-	-	103	-	-	-	-	-
Portal (CA).....	-	-	-	2,556	-	-	-	-	-
Rush Creek (CA).....	-	-	-	6,588	-	-	-	-	-
San Geronio (CA).....	-	-	-	-	-	-	-	-	-
San Onofre (CA).....	-	-	-	-	1,652,094	-	-	-	-
Santa Ana 1 (CA).....	-	-	-	2	-	-	-	-	-
Santa Ana 3 (CA).....	-	-	-	-8	-	-	-	-	-
Sierra (CA).....	-	-	-	59	-	-	-	-	-
Tule River (CA).....	-	-	-	776	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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 Ill Pwr Coop	31,462	1,793	-	-	-	-	21	5	-
Marion (IL)	31,462	1,793	-	-	-	-	21	5	-
Southern Indiana G & E Co	560,069	-	8,100	-	-	-	264	-	68
A. B. Brown (IN)	265,358	-	7,145	-	-	-	123	-	57
Broadway (IN)	-	-	-	-	-	-	-	-	-
Culley (IN)	213,875	-	408	-	-	-	102	-	5
Northeast (IN)	-	-	-	-	-	-	-	-	-
Warrick (IN)	80,836	-	547	-	-	-	39	-	6
Southwestern Elec Pwr Co	1,298,470	1,415	143,860	-	-	-	858	3	1,520
Arsenal Hill (LA)	-	-	3,001	-	-	-	-	-	38
Flint Creek (AR)	205,246	494	-	-	-	-	127	1	-
Knox Lee (TX)	-	-	29,653	-	-	-	-	-	307
Lieberman (LA)	-	-	10,009	-	-	-	-	-	114
Lone Star (TX)	-	-	-	-	-	-	-	-	-
Pirkey (TX)	275,468	-	2,530	-	-	-	226	-	26
Welsh (TX)	817,756	921	-	-	-	-	506	2	-
Wilkes (TX)	-	-	98,667	-	-	-	-	-	1,035
Southwestern Pub Serv Co	1,225,512	14	415,624	-	-	-	698	-	4,507
Carlsbad (NM)	-	-	-	-	-	-	-	-	*
Cunningham (NM)	-	-	96,014	-	-	-	-	-	1,031
Harrington (TX)	483,009	-	401	-	-	-	276	-	4
Jones (TX)	-	-	173,825	-	-	-	-	-	1,845
Maddox (NM)	-	-	-180	-	-	-	-	-	*
Moore County (TX)	-	-	-36	-	-	-	-	-	-
Nichols (TX)	-	-	52,117	-	-	-	-	-	583
Plant X (TX)	-	-	93,472	-	-	-	-	-	1,044
Riverview (TX)	-	-	-	-	-	-	-	-	-
Tolk Station (TX)	742,503	-	11	-	-	-	422	-	*
Tucumcari (NM)	-	14	-	-	-	-	-	*	-
Springfield (City of)	145,642	192	-	-	-	-	79	-	-
Dallman (IL)	134,424	105	-	-	-	-	71	*	-
Factory (IL)	-	-	-	-	-	-	-	-	-
Interstate (IL)	-	-	-	-	-	-	-	-	-
Lakeside (IL)	11,218	87	-	-	-	-	7	*	-
Reynolds (IL)	-	-	-	-	-	-	-	-	-
Springfield (City of)	215,493	-	6,285	-	-	-	133	-	70
James River (MO)	104,955	-	936	-	-	-	66	-	11
Main Street (MO)	-	-	-	-	-	-	-	-	-
McCartney (MO)	-	-	2,119	-	-	-	-	-	22
Moonlake (NE)	-	-	2,119	-	-	-	-	-	22
Southwest (MO)	110,538	-	1,111	-	-	-	66	-	14
St Joseph Lgt & Pwr Co	43,191	-	174	-	-	-	27	-	10
Lake Road (MO)	43,191	-	174	-	-	-	27	-	10
Sunflower Elec Coop	230,674	-	199	-	-	-	139	-	5
Garden City (KS)	-	-	-153	-	-	-	-	-	*
Holcomb (KS)	230,674	-	352	-	-	-	139	-	5
Systems Energy Resources Inc	-	-	-	-	-	733,226	-	-	-
Grand Gulf (MS)	-	-	-	-	-	733,226	-	-	-
Tacoma (City of)	-	-	-	172,638	-	-	-	-	-
Alder (WA)	-	-	-	9,753	-	-	-	-	-
Cushman 1 (WA)	-	-	-	15,530	-	-	-	-	-
Cushman 2 (WA)	-	-	-	28,866	-	-	-	-	-
La Grande (WA)	-	-	-	15,659	-	-	-	-	-
Mayfield (WA)	-	-	-	37,223	-	-	-	-	-
Mossyrock (WA)	-	-	-	65,511	-	-	-	-	-
Wynoochee (WA)	-	-	-	96	-	-	-	-	-
Tallahassee (City of)	-	11,543	178,097	1,169	-	-	-	20	1,428
Hopkins, Arvah B (FL)	-	11,436	34,315	-	-	-	-	20	394
Jackson Bluff (FL)	-	-	-	1,169	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)
Tallahassee (City of) (Continued)									
Purdom, S O (FL)	-	107	143,782	-	-	-	-	*	1,034
Tampa Electric Co	1,184,842	16,252	32,915	-	-	-	576	27	318
Big Bend (FL)	667,563	1,780	-	-	-	-	310	4	-
Coal Storage (FL)	-	-	-	-	-	-	-	-	-
Gannon, F J (FL)	344,592	-	-	-	-	-	197	-	-
Hookers Point (FL)	-	-158	-	-	-	-	-	-	-
Polk (FL)	172,687	2,569	32,915	-	-	-	69	4	318
S Dinner Lk (FL)	-	-	-	-	-	-	-	-	-
S Phillips (FL)	-	12,061	-	-	-	-	-	19	-
Taunton (City of)	-	1,409	21,292	-	-	-	-	3	228
Cleary, B F (MA)	-	1,409	21,292	-	-	-	-	3	228
Tennessee Valley Auth	7,142,230	17,647	1,442	921,296	3,858,845	-	3,167	34	24
Allen (TN)	333,105	675	-155	-	-	-	165	1	1
Apalachia (TN)	-	-	-	52,919	-	-	-	-	-
Blue Ridge (GA)	-	-	-	4,545	-	-	-	-	-
Boone (TN)	-	-	-	11,534	-	-	-	-	-
Browns Ferry (AL)	-	-	-	-	1,313,155	-	-	-	-
Bull Run (TN)	590,230	-	-	-	-	-	213	-	-
Chatuge (NC)	-	-	-	2,540	-	-	-	-	-
Cherokee (TN)	-	-	-	14,439	-	-	-	-	-
Chickamauga (TN)	-	-	-	59,249	-	-	-	-	-
Colbert (AL)	642,938	4,620	1,597	-	-	-	292	9	22
Cumberland (TN)	789,468	5,250	-	-	-	-	335	9	-
Douglas (TN)	-	-	-	30,225	-	-	-	-	-
Fontana (NC)	-	-	-	100,122	-	-	-	-	-
Fort Loudoun (TN)	-	-	-	55,034	-	-	-	-	-
Fort Patrick Henry (TN)	-	-	-	7,417	-	-	-	-	-
Gallatin (TN)	665,150	637	-	-	-	-	325	1	-
Great Falls (TN)	-	-	-	6,005	-	-	-	-	-
Guntersville (AL)	-	-	-	51,604	-	-	-	-	-
Hixson (NC)	-	-	-	28,366	-	-	-	-	-
Johnsonville (TN)	664,505	2,575	-	-	-	-	307	6	-
Kentucky (KY)	-	-	-	107,594	-	-	-	-	-
Kingston (TN)	734,594	1,204	-	-	-	-	300	2	-
Melton Hill (TN)	-	-	-	10,244	-	-	-	-	-
Nickajack (TN)	-	-	-	46,328	-	-	-	-	-
Norris (TN)	-	-	-	32,009	-	-	-	-	-
Nottely (GA)	-	-	-	-21	-	-	-	-	-
Ocoee 1 (TN)	-	-	-	7,143	-	-	-	-	-
Ocoee 2 (TN)	-	-	-	8,139	-	-	-	-	-
Ocoee 3 (TN)	-	-	-	11,147	-	-	-	-	-
Paradise (KY)	863,463	9	-	-	-	-	379	*	-
Pickwick (TN)	-	-	-	86,126	-	-	-	-	-
Raccoon Mountain (TN)	-	-	-	-58,287	-	-	-	-	-
Sequoyah (TN)	-	-	-	-	1,691,656	-	-	-	-
Sevier, John (TN)	262,294	454	-	-	-	-	102	1	-
Shawnee (KY)	738,599	1,508	-	-	-	-	352	3	-
South Holston (TN)	-	-	-	10,957	-	-	-	-	-
Tims Ford (TN)	-	-	-	6,341	-	-	-	-	-
Watauga (TN)	-	-	-	7,474	-	-	-	-	-
Watts Bar (TN)	-	-	-	-	-	-	-	-	-
Watts Bar (TN)	-	-	-	-	-	-	-	-	-
Watts Bar (TN)	-	-	-	-	854,034	-	-	-	-
Wheeler (AL)	-	-	-	71,186	-	-	-	-	-
Widows Creek (AL)	857,884	715	-	-	-	-	396	1	-
Wilbur (TN)	-	-	-	1,324	-	-	-	-	-
Wilson (AL)	-	-	-	149,593	-	-	-	-	-
Terrebonne Parish Consol Govt	-	-37	8,176	-	-	-	-	-	116
Houma (LA)	-	-37	8,176	-	-	-	-	-	116
Texas Mun Power Agency	304,583	-	151	-	-	-	180	-	2
Gibbons Creek (TX)	304,583	-	151	-	-	-	180	-	2
Texas-New Mexico Power Co	106,069	-	1,670	-	-	-	88	-	19
TNP One (TX)	106,069	-	1,670	-	-	-	88	-	19

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)	361,489	141	12,995	-	-2,879	-	155	-	138
Bay Shore (OH)	361,489	150	-	-	-	-	155	*	-
Davis-Besse (OH)	-	-	-	-	-2,879	-	-	-	-
Richland (OH)	-	-	12,995	-	-	-	-	-	138
Stryker (OH)	-	-9	-	-	-	-	-	-	-
Tri-state G & T Assn Inc	1,007,945	246	782	-	-	-	528	1	8
Burlington (CO)	-	246	-	-	-	-	-	1	-
Craig (CO)	855,607	-	365	-	-	-	442	-	3
Escalante (NM)	86,892	-	337	-	-	-	51	-	4
Nucla (CO)	65,446	-	80	-	-	-	35	-	*
Tucson Electric Power Co.	537,163	1,006	60,096	-	-	2,315	301	2	737
De Moss Petrie (AZ)	-	-	3,012	-	-	-	-	-	45
Irvington (AZ)	60,154	-	55,864	-	-	2,315	29	-	673
North Loop (AZ)	-	-	1,220	-	-	-	-	-	19
Springerville (AZ)	477,009	1,006	-	-	-	-	273	2	-
Turlock Irrigation Dist.	-	-	3,023	11,490	-	-	-	-	30
Almond (CA)	-	-	3,002	-	-	-	-	-	29
Hickman (CA)	-	-	-	281	-	-	-	-	-
Lagrange (CA)	-	-	-	527	-	-	-	-	-
New Don Pedro (CA)	-	-	-	10,049	-	-	-	-	-
Turlock Lake (CA)	-	-	-	247	-	-	-	-	-
Uppr Dawson (CA)	-	-	-	386	-	-	-	-	-
Walnut (CA)	-	-	21	-	-	-	-	-	1
United Power Assn.	122,830	79	282	-	-	16,450	99	-	5
Cambridge (MN)	-	20	-	-	-	-	-	*	-
Elk River (MN)	-	-	282	-	-	16,450	-	-	5
Maple Lake (MN)	-	18	-	-	-	-	-	*	-
Rock Lake (MN)	-	23	-	-	-	-	-	*	-
Stanton (ND)	122,830	18	-	-	-	-	99	*	-
USBR-Great Plains Region	-	-	-	50,042	-	-	-	-	-
Alcova (WY)	-	-	-	3,536	-	-	-	-	-
Big Thompson (CO)	-	-	-	-21	-	-	-	-	-
Boysen (WY)	-	-	-	239	-	-	-	-	-
Buffalo Bill (WY)	-	-	-	664	-	-	-	-	-
Canyon Ferry (MT)	-	-	-	22,441	-	-	-	-	-
Estes (CO)	-	-	-	-43	-	-	-	-	-
Flatiron (CO)	-	-	-	1,500	-	-	-	-	-
Fremont Canyon (WY)	-	-	-	299	-	-	-	-	-
Glendo (WY)	-	-	-	-57	-	-	-	-	-
Green Mountain (CO)	-	-	-	458	-	-	-	-	-
Guernsey (WY)	-	-	-	-26	-	-	-	-	-
Heart Mountain (WY)	-	-	-	799	-	-	-	-	-
Kortes (WY)	-	-	-	5,425	-	-	-	-	-
Marys Lake (CO)	-	-	-	-16	-	-	-	-	-
Mount Elbert (CO)	-	-	-	-8,663	-	-	-	-	-
Pilot Butte (WY)	-	-	-	484	-	-	-	-	-
Pole Hill (CO)	-	-	-	519	-	-	-	-	-
Seminole (WY)	-	-	-	4,180	-	-	-	-	-
Shoshone (WY)	-	-	-	614	-	-	-	-	-
Spirit Mountain (WY)	-	-	-	777	-	-	-	-	-
Yellowtail (MT)	-	-	-	16,933	-	-	-	-	-
USBR-Lower Colorado Region	-	-	-	330,959	-	-	-	-	-
Davis (AZ)	-	-	-	73,204	-	-	-	-	-
Hoover (AZ)	-	-	-	97,955	-	-	-	-	-
Hoover (NV)	-	-	-	125,404	-	-	-	-	-
Parker (CA)	-	-	-	34,396	-	-	-	-	-
USBR-Mid Pacific Region	-	-	-	293,386	-	-	-	-	-
Folsom (CA)	-	-	-	22,707	-	-	-	-	-
Judge F Carr (CA)	-	-	-	36,220	-	-	-	-	-
Keswick (CA)	-	-	-	30,208	-	-	-	-	-
Lewiston (CA)	-	-	-	321	-	-	-	-	-
New Melones (CA)	-	-	-	11,978	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)	-	-	-	3,267	-	-	-	-	-
Nimbus (CA)	-	-	-	101	-	-	-	-	-
O'Neill (CA)	-	-	-	117,290	-	-	-	-	-
Shasta (CA)	-	-	-	40,775	-	-	-	-	-
Spring Creek (CA)	-	-	-	1,201	-	-	-	-	-
Stampede (CA)	-	-	-	29,318	-	-	-	-	-
Trinity (CA)	-	-	-		-	-	-	-	-
USBR-Pacific NW Region	-	-	-	1,491,114	-	-	-	-	-
Anderson Ranch (ID)	-	-	-	3,226	-	-	-	-	-
Black Canyon (ID)	-	-	-	1,653	-	-	-	-	-
Boise River Div (ID)	-	-	-	-	-	-	-	-	-
Chandler (WA)	-	-	-	4,650	-	-	-	-	-
Grand Coulee (WA)	-	-	-	1,406,984	-	-	-	-	-
Green Springs (OR)	-	-	-	3,378	-	-	-	-	-
Hungry Horse (MT)	-	-	-	53,148	-	-	-	-	-
Minidoka (ID)	-	-	-	4,110	-	-	-	-	-
Palisades (ID)	-	-	-	13,121	-	-	-	-	-
Roza (WA)	-	-	-	844	-	-	-	-	-
USBR-Upper Colorado Region	-	-	-	261,728	-	-	-	-	-
Blue Mesa (CO)	-	-	-	7,624	-	-	-	-	-
Crystal (CO)	-	-	-	2,912	-	-	-	-	-
Deer Creek (UT)	-	-	-	729	-	-	-	-	-
Elephant Butte (NM)	-	-	-	2,332	-	-	-	-	-
Flaming Gorge (UT)	-	-	-	16,451	-	-	-	-	-
Fontenelle (WY)	-	-	-	2,665	-	-	-	-	-
Glen Canyon (AZ)	-	-	-	218,034	-	-	-	-	-
Lower Molina (CO)	-	-	-	674	-	-	-	-	-
McPhee (CO)	-	-	-	-	-	-	-	-	-
Morrow Point (CO)	-	-	-	9,158	-	-	-	-	-
Towaoc (CO)	-	-	-	-18	-	-	-	-	-
Upper Molina (CO)	-	-	-	1,167	-	-	-	-	-
USCE-Hartwell Power Plant	-	-	-	28,976	-	-	-	-	-
Hartwell (GA)	-	-	-	28,976	-	-	-	-	-
USCE-J Strom Thur Pwr Plt	-	-	-	25,247	-	-	-	-	-
J Strom Thurmond (SC)	-	-	-	25,247	-	-	-	-	-
USCE-Kansas City Dist	-	-	-	3,236	-	-	-	-	-
Harry S Truman (MO)	-	-	-	972	-	-	-	-	-
Stockton (MO)	-	-	-	2,264	-	-	-	-	-
USCE-Little Rock	-	-	-	153,250	-	-	-	-	-
Beaver (AR)	-	-	-	15,034	-	-	-	-	-
Bull Shoals (AR)	-	-	-	46,268	-	-	-	-	-
Dardanelle (AR)	-	-	-	34,603	-	-	-	-	-
Greers Ferry (AR)	-	-	-	6,807	-	-	-	-	-
Norfolk (AR)	-	-	-	13,510	-	-	-	-	-
Ozark (AR)	-	-	-	19,847	-	-	-	-	-
Table Rock (MO)	-	-	-	17,181	-	-	-	-	-
USCE-Missouri River District	-	-	-	610,172	-	-	-	-	-
Big Bend (SD)	-	-	-	62,025	-	-	-	-	-
Fort Peck (MT)	-	-	-	45,403	-	-	-	-	-
Fort Randall (SD)	-	-	-	165,089	-	-	-	-	-
Garrison (ND)	-	-	-	117,136	-	-	-	-	-
Gavins Point (NE)	-	-	-	80,329	-	-	-	-	-
Oahe (SD)	-	-	-	140,190	-	-	-	-	-
USCE-Mobile District	-	-	-	125,380	-	-	-	-	-
Allatoona (GA)	-	-	-	4,195	-	-	-	-	-
Buford (GA)	-	-	-	6,064	-	-	-	-	-
Carters (GA)	-	-	-	30,673	-	-	-	-	-
J Woodruff (FL)	-	-	-	14,111	-	-	-	-	-
Jones Bluff (AL)	-	-	-	23,868	-	-	-	-	-
Millers Ferry (AL)	-	-	-	31,581	-	-	-	-	-
Walter F George (GA)	-	-	-	7,755	-	-	-	-	-
West Point (GA)	-	-	-	7,133	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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	-	-	-	165,839	-	-	-	-	-
Barkley (KY)	-	-	-	71,150	-	-	-	-	-
Center Hill (TN)	-	-	-	12,144	-	-	-	-	-
Cheatham (TN)	-	-	-	12,403	-	-	-	-	-
Cordell Hull (TN)	-	-	-	13,574	-	-	-	-	-
Dale Hollow (TN)	-	-	-	1,552	-	-	-	-	-
J Percy Priest (TN)	-	-	-	7,011	-	-	-	-	-
Laurel (KY)	-	-	-	2,601	-	-	-	-	-
Old Hickory (TN)	-	-	-	22,871	-	-	-	-	-
Wolf Creek (KY)	-	-	-	22,533	-	-	-	-	-
USCE-North Pacific Div	-	-	-	3,163,222	-	-	-	-	-
Albeni Falls (ID)	-	-	-	20,375	-	-	-	-	-
Big Cliff (OR)	-	-	-	8,871	-	-	-	-	-
Bonneville (OR)	-	-	-	349,952	-	-	-	-	-
Chief Joseph (WA)	-	-	-	745,782	-	-	-	-	-
Cougar (OR)	-	-	-	-	-	-	-	-	-
Detroit (OR)	-	-	-	36,352	-	-	-	-	-
Dexter (OR)	-	-	-	3,779	-	-	-	-	-
Dworshak (ID)	-	-	-	41,085	-	-	-	-	-
Foster (OR)	-	-	-	4,499	-	-	-	-	-
Green Peter (OR)	-	-	-	81,113	-	-	-	-	-
Hills Creek (OR)	-	-	-	10,537	-	-	-	-	-
Ice Harbor (WA)	-	-	-	89,487	-	-	-	-	-
John Day (OR)	-	-	-	568,390	-	-	-	-	-
Libby (MT)	-	-	-	96,692	-	-	-	-	-
Little Goose (WA)	-	-	-	86,572	-	-	-	-	-
Lookout Point (OR)	-	-	-	12,013	-	-	-	-	-
Lost Creek (OR)	-	-	-	10,301	-	-	-	-	-
Lower Granite (WA)	-	-	-	86,632	-	-	-	-	-
Lower Monumental (WA)	-	-	-	90,244	-	-	-	-	-
McNary (OR)	-	-	-	383,736	-	-	-	-	-
The Dalles (WA)	-	-	-	436,810	-	-	-	-	-
USCE-R B Russell	-	-	-	46,068	-	-	-	-	-
R B Russell (GA)	-	-	-	46,068	-	-	-	-	-
USCE-Tulsa District	-	-	-	88,547	-	-	-	-	-
Broken Bow (OK)	-	-	-	1,300	-	-	-	-	-
Denison (TX)	-	-	-	5,775	-	-	-	-	-
Eufaula (OK)	-	-	-	31	-	-	-	-	-
Fort Gibson (OK)	-	-	-	-105	-	-	-	-	-
Keystone (OK)	-	-	-	37,179	-	-	-	-	-
Robert S Kerr (OK)	-	-	-	24,659	-	-	-	-	-
Tenkiller Ferry (OK)	-	-	-	1,927	-	-	-	-	-
Webbers Falls (OK)	-	-	-	17,781	-	-	-	-	-
USCE-Vickburg District	-	-	-	6,023	-	-	-	-	-
Blakely Mountain (AR)	-	-	-	1,371	-	-	-	-	-
Degray (AR)	-	-	-	3,881	-	-	-	-	-
Narrows (AR)	-	-	-	771	-	-	-	-	-
USCE-Wilmington	-	-	-	9,277	-	-	-	-	-
John H Kerr (VA)	-	-	-	8,894	-	-	-	-	-
Philpott (VA)	-	-	-	383	-	-	-	-	-
UtiliCorp United Inc	286,990	-8	1,409	-	-	-	143	-	22
Green, Ralph (MO)	-	-	258	-	-	-	-	-	5
Greenwood (MO)	-	-	1,165	-	-	-	-	-	17
Kci (MO)	-	-	-14	-	-	-	-	-	-
Nevada (MO)	-	-14	-	-	-	-	-	-	-
Sibley (MO)	286,990	6	-	-	-	-	143	*	-
UtiliCorp United Inc	25,879	39	29,929	-	-	-	15	-	447
Cimarron River (KS)	-	-	10,604	-	-	-	-	-	151
Clark, W N (CO)	25,879	-	-	-	-	-	15	-	-
Clifton (KS)	-	-	287	-	-	-	-	-	5
Judson Large (KS)	-	-	13,063	-	-	-	-	-	173
Mullergren, Arthur (KS)	-	-	-177	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)
UtiliCorp United Inc. (Continued)									
Pueblo (CO).....	-	46	6,152	-	-	-	-	*	117
Rocky Ford (CO).....	-	-7	-	-	-	-	-	*	-
Vero Beach (City of)	-	323	28,964	-	-	-	-	1	375
Municipal Plant (FL).....	-	323	28,964	-	-	-	-	1	375
Vineland (City of)	-	-	-	-	-	-	-	-	-
Down, Howard (NJ).....	-	-	-	-	-	-	-	-	-
West (NJ).....	-	-	-	-	-	-	-	-	-
Virginia Elec & Power Co	2,995,873	38,280	78,030	-76,327	1,921,932	-	1,199	62	721
1st Energy (VA).....	-	-	-	-	-	-	-	-	-
Altavista (VA).....	26,448	-	-	-	-	-	13	-	-
Bath County (VA).....	-	-	-	-87,826	-	-	-	-	-
Bell Meade (VA).....	-	164	22,876	-	-	-	-	*	209
Bremo Bluff (VA).....	128,298	227	-	-	-	-	53	*	-
Chesapeake (VA).....	217,311	1,377	-	-	-	-	88	2	-
Chesterfield (VA).....	679,884	588	48,320	-	-	-	267	1	439
Clover (VA).....	623,492	125	-	-	-	-	243	*	-
Cushaw (VA).....	-	-	-	-	-	-	-	-	-
Darbytown (VA).....	-	206	2,107	-	-	-	-	*	25
Gaston (NC).....	-	-	-	7,266	-	-	-	-	-
Gravel Neck (VA).....	-	150	759	-	-	-	-	*	9
Hopewell (VA).....	-	-	-	-	-	-	-	-	-
Kitty Hawk (NC).....	-	-	-	-	-	-	-	-	-
Low Moor (VA).....	-	-	-	-	-	-	-	-	-
Mt Storm (WV).....	1,037,897	3,547	-	-	-	-	416	6	-
North Anna (VA).....	-	-	-	-	695,411	-	-	-	-
North Branch (WV).....	8,226	78	-	-	-	-	5	*	-
Northern Neck (VA).....	-	-	-	-	-	-	-	-	-
Possum Point (VA).....	60,062	11	-	-	-	-	26	*	-
Roanoke Rapids (NC).....	-	-	-	4,233	-	-	-	-	-
Southampton (VA).....	14,169	1,535	-	-	-	-	9	4	-
Surry (VA).....	-	-	-	-	1,226,521	-	-	-	-
Yktn Term A (VA).....	-	-	-	-	-	-	-	-	-
Yorktown (VA).....	200,086	30,272	3,968	-	-	-	80	48	39
Waverly (City of)	-	-	-	-	-	419	-	-	-
East Hydro (IA).....	-	-	-	-	-	-	-	-	-
North Plant (IA).....	-	-	-	-	-	-	-	-	-
Northwest (IA).....	-	-	-	-	-	-	-	-	-
Skeets 1 (IA).....	-	-	-	-	-	270	-	-	-
South Plant (IA).....	-	-	-	-	-	149	-	-	-
Western Farmers Elec Coop	224,916	754	97,330	-	-	-	140	2	869
Anadarko (OK).....	-	445	89,928	-	-	-	-	1	788
Hugo (OK).....	224,916	309	-	-	-	-	140	1	-
Mooreland (OK).....	-	-	7,402	-	-	-	-	-	81
Wisconsin Electric Pwr Co	1,638,623	2,040	10,518	51,085	532,423	238	990	4	126
Appleton (WI).....	-	-	-	919	-	-	-	-	-
Big Quinnesec 61 (MI).....	-	-	-	382	-	-	-	-	-
Big Quinnesec 92 (MI).....	-	-	-	11,944	-	-	-	-	-
Brule (MI).....	-	-	-	2,182	-	-	-	-	-
Byron (WI).....	-	-	-	-	-	238	-	-	-
Chalk Hill (MI).....	-	-	-	4,683	-	-	-	-	-
Concord (WI).....	-	-	-	-	-	-	-	-	-
Germantown (WI).....	-	213	2	-	-	-	-	1	*
Hemlock Falls (MI).....	-	-	-	924	-	-	-	-	-
Kingsford (MI).....	-	-	-	3,947	-	-	-	-	-
Lower Paint (MI).....	-	-	-	37	-	-	-	-	-
Michigamme Falls (MI).....	-	-	-	5,126	-	-	-	-	-
Milwaukee County (WI).....	1,357	-	45	-	-	-	4	-	3
Oil Storage (WI).....	-	-	-	-	-	-	-	-	-
Paris (WI).....	-	947	4,231	-	-	-	-	2	56
Peavy Falls (MI).....	-	-	-	8,611	-	-	-	-	-
Pine (WI).....	-	-	-	2,508	-	-	-	-	-
Pleasant Prairie (WI).....	821,525	16	421	-	-	-	515	*	4
Point Beach (WI).....	-	7	-	-	532,423	-	-	*	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, October 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)									
Port Washington (WI)	59,930	-	-	-	-	-	34	-	-
Presque Isle (MI)	255,244	852	-	-	-	-	145	2	-
South Oak Creek (WI)	395,956	-	5,439	-	-	-	229	-	56
Sturgeon (MI)	-	-	-	481	-	-	-	-	-
Twin Falls (MI)	-	-	-	4,055	-	-	-	-	-
Valley (WI)	104,611	5	380	-	-	-	64	*	6
Way (MI)	-	-	-	717	-	-	-	-	-
White Rapids (MI)	-	-	-	4,569	-	-	-	-	-
Wisconsin Pub Serv Corp	472,380	14	9,005	36,686	393,001	1,401	298	-	120
Alexander (WI)	-	-	-	3,032	-	-	-	-	-
Caldron Falls (WI)	-	-	-	2,305	-	-	-	-	-
Eagle River (WI)	-	12	-	-	-	-	-	*	-
Glenmore (WI)	-	-	-	-	-	176	-	-	-
Grand Rapids (MI)	-	-	-	4,859	-	-	-	-	-
Grandfather Falls (WI)	-	-	-	12,468	-	-	-	-	-
Hat Rapids (WI)	-	-	-	716	-	-	-	-	-
High Falls (WI)	-	-	-	2,473	-	-	-	-	-
Jersey (WI)	-	-	-	330	-	-	-	-	-
Johnson Falls (WI)	-	-	-	1,380	-	-	-	-	-
Kewaunee (WI)	-	-	-	-	393,001	-	-	-	-
Lincoln (WI)	-	-	-	-	-	1,225	-	-	-
Merrill (WI)	-	-	-	940	-	-	-	-	-
Oneida Casino (WI)	-	-	-	-	-	-	-	-	-
Otter Rapids (WI)	-	-	-	198	-	-	-	-	-
Peshtigo (WI)	-	-	-	398	-	-	-	-	-
Potato Rapids (WI)	-	-	-	534	-	-	-	-	-
Pulliam (WI)	205,417	-	1,482	-	-	-	136	-	19
Sandstone Rapids (WI)	-	-	-	1,692	-	-	-	-	-
Tomahawk (WI)	-	-	-	1,567	-	-	-	-	-
Wausau (WI)	-	-	-	3,794	-	-	-	-	-
West Marinette (WI)	-	-	3,437	-	-	-	-	-	50
Weston (WI)	266,963	2	4,086	-	-	-	162	*	51
Wisconsin Pwr & Lgt Co	993,008	2,983	10,891	24,340	-	6,663	610	5	146
Blackhawk (WI)	-	-	435	-	-	-	-	-	13
Columbia (WI)	534,769	1,448	-	-	-	-	342	3	-
Dewey, Nelson (WI)	57,618	40	-	-	-	-	32	*	-
Edgewater (WI)	400,621	1,471	-	-	-	6,663	237	3	-
Kilbourn (WI)	-	-	-	5,872	-	-	-	-	-
NA 1 (WI)	-	-	131	-	-	-	-	-	5
Prairie Du Sac (WI)	-	-	-	18,468	-	-	-	-	-
Rock River (WI)	-	24	10,177	-	-	-	-	*	125
Shawano (WI)	-	-	-	-	-	-	-	-	-
Sheepskin (WI)	-	-	148	-	-	-	-	-	2
Wolf Creek Nuclear Corp	-	-	-	-	886,975	-	-	-	-
Wolf Creek (KS)	-	-	-	-	886,975	-	-	-	-
Wolverine Pwr supply Coop	-	28	1,348	-	-	-	-	-	17
Gaylord (MI)	-	-	396	-	-	-	-	-	5
Johnson, George (MI)	-	-	1,006	-	-	-	-	-	12
Scottville (MI)	-	-	-	-	-	-	-	-	-
Tower (MI)	-	-	-	-	-	-	-	-	-
Vandyke, Claude (MI)	-	-	-88	-	-	-	-	-	-
Vestaburg (MI)	-	28	34	-	-	-	-	*	1
Wyandotte (City of)	15,297	-	1,793	-	-	1,468	9	-	26
Wyandotte (MI)	15,297	-	1,793	-	-	1,468	9	-	26
Yuba County Water Agency	-	-	-	58,488	-	-	-	-	-
Fish Power (CA)	-	-	-	94	-	-	-	-	-
New Colgate (CA)	-	-	-	52,052	-	-	-	-	-
New Narrows (CA)	-	-	-	6,342	-	-	-	-	-

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, September 2002

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 short tons)	Average Cost ²		Avg. Sulfur %	Receipts (1,000 bbls)	Average Cost ²		Avg. Sulfur %	Receipts (1,000 Mcf)	Average Cost ²		Coal	Petroleum	Gas
		(Cents/10 ⁶ Btu)	(\$/short ton)			(Cents/10 ⁶ Btu)	(\$/bbl)			(Cents/10 ⁶ Btu)	(\$/Mcf)			
Alabama Electric Coop Inc.....	101	142.4	33.69	1.29	1	675.9	37.05	-	1,682	331.5	3.42	58	-	42
Lowman (AL).....	101	142.4	33.69	1.29	1	675.9	37.05	-	-	-	-	100	*	-
McWilliams (AL).....	-	-	-	-	-	-	-	-	1,682	331.5	3.42	-	-	100
Alabama Power Co ³	2,166	144.3	30.22	0.64	3	591.3	34.48	-	4,597	343.8	3.59	90	-	10
Barry (AL).....	319	150.3	35.37	0.67	-	-	-	-	3,562	328.9	3.44	67	-	33
Gadsden (AL).....	26	159.4	38.80	1.58	-	-	-	-	24	408.6	4.11	96	-	4
Gaston (AL).....	431	162.0	38.88	1.10	2	574.0	33.75	-	-	-	-	100	*	-
GE Plastic (AL).....	-	-	-	-	-	-	-	-	520	378.6	3.91	-	-	100
Gorgas 2 and 3 (AL).....	292	158.6	38.71	0.88	2	604.6	35.04	-	-	-	-	100	*	-
Greene (AL).....	102	142.7	33.21	1.40	-	-	-	-	4	395.9	4.07	100	-	*
James Miller (AL).....	998	124.9	21.84	0.25	-	-	-	-	42	368.9	3.70	100	-	*
Washington (AL).....	-	-	-	-	-	-	-	-	446	417.5	4.31	-	-	100
Ameren UE.....	1,821	88.3	15.48	0.40	3	613.1	35.28	0.29	95	362.7	3.70	100	-	-
Labadie (MO).....	805	80.9	14.07	0.32	1	621.2	35.74	0.29	-	-	-	100	*	-
Meramec (MO).....	223	96.0	17.44	0.36	-	-	-	-	57	356.0	3.63	99	-	1
Rush Island (MO).....	471	90.8	15.31	0.45	2	609.1	35.05	0.29	-	-	-	100	*	-
Sioux (MO).....	322	97.2	17.87	0.53	-	-	-	-	-	-	-	100	-	-
Venice No.2 (IL).....	-	-	-	-	-	-	-	-	38	372.7	3.81	-	-	100
American Municipal Power.....	61	125.0	29.56	1.84	-	-	-	-	2	463.8	4.82	100	-	-
Gorsuch (OH).....	61	125.0	29.56	1.84	-	-	-	-	2	463.8	4.82	100	-	*
Ames City of.....	12	147.3	25.67	0.19	-	-	-	-	-	-	-	100	-	-
Ames (IA).....	12	147.3	25.67	0.19	-	-	-	-	-	-	-	100	-	-
Anchorage City of.....	-	-	-	-	-	-	-	-	528	210.7	2.11	-	-	100
George Sullivan (AK).....	-	-	-	-	-	-	-	-	528	210.7	2.11	-	-	100
Appalachian Power Co.....	1,268	129.1	31.14	0.74	20	713.7	41.85	-	-	-	-	100	-	-
Amos (WV).....	645	127.7	30.78	0.78	20	715.4	41.94	-	-	-	-	99	1	-
Clinch River (VA).....	130	136.8	34.25	0.76	-	-	-	-	-	-	-	100	-	-
Glen Lyn (VA).....	77	141.1	36.94	0.88	-	-	-	-	-	-	-	100	-	-
Kanawha River (WV).....	89	119.7	29.57	0.85	*	627.8	36.98	-	-	-	-	100	*	-
Mountaineer (WV).....	326	128.2	29.68	0.60	-	-	-	-	-	-	-	100	-	-
Arizona Electric Pwr Coop Inc.....	107	161.6	31.07	0.57	-	-	-	-	700	330.7	3.39	74	-	26
Apache (AZ).....	107	161.6	31.07	0.57	-	-	-	-	700	330.7	3.39	74	-	26
Arkansas Power & Light Co.....	1,012	37.0	6.44	0.27	5	545.9	32.26	0.50	1,774	382.7	3.89	91	-	9
Couch (AR).....	-	-	-	-	-	-	-	-	59	498.6	5.21	-	-	100
Independence (AR).....	537	32.6	5.82	0.20	3	551.6	32.63	0.50	-	-	-	100	*	-
Lake Catherine (AR).....	-	-	-	-	-	-	-	-	1,571	362.5	3.68	-	-	100
Lynch (AR).....	-	-	-	-	*	539.5	31.88	0.50	-	-	-	-	100	-
Moses (AR).....	-	-	-	-	-	-	-	-	*	4,431.4	45.16	-	-	100
Ritchie (AR).....	-	-	-	-	-	-	-	-	143	548.3	5.58	-	-	100
Whitebluff (AR).....	474	42.2	7.13	0.35	2	539.2	31.84	0.50	-	-	-	100	*	-
Associated Electric Coop Inc.....	536	86.5	15.39	0.20	-	-	-	-	-	-	-	100	-	-
Hill (MO).....	340	80.2	14.30	0.20	-	-	-	-	-	-	-	100	-	-
Madrid (MO).....	195	97.6	17.30	0.20	-	-	-	-	-	-	-	100	-	-
Atlantic City Electric Co.....	65	243.5	63.51	1.64	102	165.6	10.56	0.93	-	-	-	72	28	-
Deepwater (NJ).....	14	213.4	54.44	0.80	-	-	-	-	-	-	-	100	-	-
England (NJ).....	51	251.7	66.04	1.87	102	165.6	10.56	0.93	-	-	-	67	33	-
Austin City of.....	-	-	-	-	-	-	-	-	2,921	315.7	3.21	-	-	100
Decker Creek (TX).....	-	-	-	-	-	-	-	-	2,316	315.8	3.21	-	-	100
Holly (TX).....	-	-	-	-	-	-	-	-	605	315.2	3.20	-	-	100
Basin Electric Power Coop.....	1,414	60.6	9.03	0.46	6	613.1	35.50	0.34	-	-	-	100	-	-
Antelope Valley (ND).....	438	72.5	9.34	0.61	1	571.0	33.07	0.34	-	-	-	100	*	-
Laramie River (WY).....	692	46.0	7.63	0.32	-	-	-	-	-	-	-	100	-	-
Leland Olds (ND).....	284	86.0	11.97	0.56	5	623.4	36.10	0.34	-	-	-	99	1	-
Big Rivers Electric Corp.....	25	122.0	29.01	3.29	-	-	-	-	-	-	-	100	-	-
Reid-Henderson (KY).....	25	122.0	29.01	3.29	-	-	-	-	-	-	-	100	-	-
Black Hills Corp.....	43	44.5	7.26	0.50	-	-	-	-	-	-	-	100	-	-
Neal Simpson II (WY).....	43	44.5	7.26	0.50	-	-	-	-	-	-	-	100	-	-
Braintree City of.....	-	-	-	-	-	-	-	-	175	395.8	4.07	-	-	100
Potter Station (MA).....	-	-	-	-	-	-	-	-	175	395.8	4.07	-	-	100
Brazos Electric Power Coop Inc.....	-	-	-	-	-	-	-	-	281	321.8	3.22	-	-	100
Miller (TX).....	-	-	-	-	-	-	-	-	281	321.8	3.22	-	-	100
Bryan City of.....	-	-	-	-	-	-	-	-	283	338.3	3.44	-	-	100
Bryan (TX).....	-	-	-	-	-	-	-	-	10	338.0	3.44	-	-	100
Dansby (TX).....	-	-	-	-	-	-	-	-	274	338.3	3.44	-	-	100
Burbank City of.....	-	-	-	-	-	-	-	-	187	474.3	4.83	-	-	100
Magnolia-Olive (CA).....	-	-	-	-	-	-	-	-	187	474.3	4.83	-	-	100
Cardinal Operating Co.....	261	144.6	34.99	1.18	-	-	-	-	-	-	-	100	-	-
Cardinal (OH).....	261	144.6	34.99	1.18	-	-	-	-	-	-	-	100	-	-
Carolina Power & Light Co.....	1,174	186.7	46.43	0.82	8	592.5	34.34	0.20	-	-	-	100	-	-
Asheville (NC).....	59	186.7	46.37	0.77	1	621.1	36.00	0.20	-	-	-	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, September 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 short tons)	Average Cost ²		Avg. Sulfur %	Receipts (1,000 bbls)	Average Cost ²		Avg. Sulfur %	Receipts (1,000 Mcf)	Average Cost ²		Coal	Petroleum	Gas
		(Cents/10 ⁶ Btu)	(\$/short ton)			(Cents/10 ⁶ Btu)	(\$/bbl)			(Cents/10 ⁶ Btu)	(\$/Mcf)			
Carolina Power & Light Co														
Cape Fear (NC).....	75	154.1	38.36	0.86	-	-	-	-	-	-	-	100	-	-
Lee (NC).....	68	172.3	43.22	0.87	2	576.7	33.42	0.20	-	-	-	99	1	-
Mayo (NC).....	188	201.2	49.46	0.67	1	565.7	32.79	0.20	-	-	-	100	*	-
Robinson (SC).....	29	187.0	47.44	0.93	-	-	-	-	-	-	-	100	-	-
Roxboro (NC).....	587	190.4	47.27	0.81	2	601.9	34.88	0.20	-	-	-	100	*	-
Sutton (NC).....	150	180.3	45.28	0.96	1	607.4	35.20	0.20	-	-	-	100	*	-
Weatherspoon (NC).....	18	164.1	41.24	1.10	-	-	-	-	-	-	-	100	-	-
Cedar Falls City of.....	4	171.3	42.65	1.36	-	-	-	-	1	471.0	4.71	99	-	1
Streeter (IA).....	4	171.3	42.65	1.36	-	-	-	-	1	471.0	4.71	99	-	1
Central Electric Pwr Coop-MO.....	22	123.1	23.63	1.09	-	-	-	-	-	-	-	100	-	-
Chamois (MO).....	22	123.1	23.63	1.09	-	-	-	-	-	-	-	100	-	-
Central Illinois Light Co.....	177	155.4	34.25	2.52	1	792.0	46.24	0.04	-	-	-	100	-	-
Duck Creek (IL).....	84	160.0	34.63	3.63	1	792.0	46.24	0.04	-	-	-	100	*	-
Edwards (IL).....	93	151.4	33.91	1.52	-	-	-	-	-	-	-	100	-	-
Central Iowa Power Coop.....	14	141.4	31.41	2.74	-	-	-	-	72	334.4	3.35	81	-	19
Fair Station (IA).....	14	141.4	31.41	2.74	-	-	-	-	3	458.2	4.59	99	-	1
Summit Lake (IA).....	-	-	-	-	-	-	-	-	70	329.7	3.30	-	-	100
Central Louisiana Elec Co Inc.....	415	137.2	19.35	1.07	-	-	-	-	2,027	358.4	3.74	73	-	27
Dolet Hills (LA).....	377	136.4	18.78	1.13	-	-	-	-	1	403.3	4.16	100	-	*
Rodemacher (LA).....	38	143.5	25.07	0.45	-	-	-	-	1,232	364.2	3.79	34	-	66
Teche (LA).....	-	-	-	-	-	-	-	-	795	349.6	3.66	-	-	100
Central Operating Co.....	195	123.6	29.93	1.16	2	215.4	12.39	-	-	-	-	100	-	-
Sporn (WV).....	195	123.6	29.93	1.16	2	215.4	12.39	-	-	-	-	100	*	-
Chugach Electric Assn Inc.....	-	-	-	-	-	-	-	-	621	211.6	2.12	-	-	100
Beluga (AK).....	-	-	-	-	-	-	-	-	621	211.6	2.12	-	-	100
Coffeyville City of.....	-	-	-	-	-	-	-	-	35	318.0	3.18	-	-	100
Coffeyville (KS).....	-	-	-	-	-	-	-	-	35	318.0	3.18	-	-	100
Colorado Springs City of.....	121	91.7	18.00	0.40	-	-	-	-	321	195.4	1.94	88	-	12
Birdsall (CO).....	-	-	-	-	-	-	-	-	232	182.6	1.81	-	-	100
Drake (CO).....	40	96.3	21.62	0.53	-	-	-	-	68	267.1	2.65	93	-	7
Nixon (CO).....	81	88.8	16.21	0.34	-	-	-	-	22	108.6	1.08	99	-	1
Columbia City of.....	9	229.1	62.44	1.28	-	-	-	-	-	-	-	100	-	-
Columbia (MO).....	9	229.1	62.44	1.28	-	-	-	-	-	-	-	100	-	-
Columbus & Southern Ohio El Co.....	412	132.0	31.06	2.50	1	628.3	36.41	-	-	-	-	100	-	-
Conesville (OH).....	395	132.6	31.23	2.51	1	628.3	36.41	-	-	-	-	100	*	-
Picway (OH).....	18	117.2	27.19	2.35	-	-	-	-	-	-	-	100	-	-
Consolidated Edison Co-NY Inc.....	-	-	-	-	146	266.2	16.95	0.26	1,303	359.3	3.70	-	41	59
East River (NY).....	-	-	-	-	-	-	-	-	929	359.3	3.70	-	-	100
Storage Facility #7.....	-	-	-	-	146	266.2	16.95	0.26	-	-	-	-	100	-
Waterside (NY).....	-	-	-	-	-	-	-	-	375	359.3	3.70	-	-	100
Consumers Power Co.....	837	130.1	25.51	0.46	52	327.4	21.12	1.39	299	457.5	4.66	96	2	2
Campbell (MI).....	402	135.3	27.31	0.43	2	639.1	37.04	0.50	-	-	-	100	*	-
Cobb (MI).....	131	123.7	22.31	0.48	-	-	-	-	64	365.2	3.69	97	-	3
Karn-Weadock (MI).....	69	106.9	18.78	0.26	48	307.5	19.99	1.46	234	482.7	4.92	69	18	14
Weadock (MI).....	116	140.5	29.16	0.58	1	612.0	35.47	0.50	-	-	-	100	*	-
Whiting (MI).....	119	119.5	23.25	0.56	1	650.3	37.69	0.50	-	-	-	100	*	-
Coop Power Assn.....	622	93.2	11.64	0.55	-	-	-	-	-	-	-	100	-	-
Coal Creek (ND).....	622	93.2	11.64	0.55	-	-	-	-	-	-	-	100	-	-
Denton City of.....	-	-	-	-	-	-	-	-	41	306.8	3.16	-	-	100
Spencer (TX).....	-	-	-	-	-	-	-	-	41	306.8	3.16	-	-	100
Deseret Generation & Tran Coop.....	214	169.4	32.59	0.33	-	514.5	29.82	0.10	-	-	-	100	-	-
Bonanza (UT).....	214	169.4	32.59	0.33	*	514.5	29.82	0.10	-	-	-	100	*	-
Detroit Edison Co.....	2,005	122.9	25.47	0.65	24	564.2	32.83	0.18	1,910	351.9	2.35	97	-	3
Belle River (MI).....	426	102.9	19.45	0.33	5	622.3	36.37	0.10	-	-	-	100	*	-
Connors Creek (MI).....	-	-	-	-	-	-	-	-	99	350.3	3.49	-	-	100
Greenwood (MI).....	-	-	-	-	2	620.6	36.25	0.10	1,049	366.7	3.68	-	1	99
Harbor Beach (MI).....	16	178.9	47.08	0.95	*	637.3	36.89	0.40	-	-	-	100	*	-
Monroe (MI).....	715	139.6	30.13	0.79	6	598.4	34.81	0.35	-	-	-	100	*	-
River Rouge (MI).....	135	141.7	30.79	0.57	*	639.8	37.27	0.10	747	198.4	0.29	96	*	4
St Clair (MI).....	522	105.9	21.24	0.60	9	478.5	27.78	0.13	15	439.6	4.42	99	*	*
Trenton Channel (MI).....	191	123.5	27.47	0.97	2	622.3	36.03	0.10	-	-	-	100	*	-
Dover City of.....	-	-	-	-	-	-	-	-	15	404.3	4.17	-	-	100
Mckee Run (DE).....	-	-	-	-	-	-	-	-	15	404.3	4.17	-	-	100
Duke Power Co.....	1,105	167.0	41.43	0.87	8	563.1	32.88	0.30	-	-	-	100	-	-
Allen (NC).....	100	173.4	42.55	0.88	2	545.2	31.87	0.30	-	-	-	100	*	-
Belews Creek (NC).....	458	168.2	41.58	0.81	2	557.1	32.48	0.30	-	-	-	100	*	-
Buck (NC).....	28	183.9	44.44	0.66	-	-	-	-	-	-	-	100	-	-
Cliffside (NC).....	107	183.3	46.45	0.96	1	580.7	33.90	0.30	-	-	-	100	*	-
Lee (SC).....	27	154.7	38.88	1.19	3	573.2	33.48	0.30	-	-	-	97	3	-

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, September 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)														
Marshall (NC).....	335	154.7	38.61	0.87	-	-	-	-	-	-	-	100	-	-
Riverbend (NC).....	50	188.0	45.56	1.02	-	-	-	-	-	-	-	100	-	-
East Kentucky Power Coop	383	133.9	32.87	0.88	2	605.8	35.26	0.13	-	-	-	100	-	-
Cooper (KY).....	62	115.9	28.69	1.41	*	646.7	37.64	0.20	-	-	-	100	*	-
Dale (KY).....	54	144.1	35.36	0.83	*	627.9	36.55	0.12	-	-	-	100	*	-
Spurlock (KY).....	267	136.0	33.33	0.76	2	595.3	34.65	0.12	-	-	-	100	*	-
El Paso Electric Co									2,344	281.3	2.87	-	-	100
Newman (TX).....	-	-	-	-	-	-	-	-	1,423	310.0	3.17	-	-	100
Rio Grande (TX).....	-	-	-	-	-	-	-	-	921	237.0	2.42	-	-	100
Electric Energy Inc	435	94.2	16.46	0.24	-	-	-	-	4	594.2	6.13	100	-	-
Joppa (IL).....	435	94.2	16.46	0.24	-	-	-	-	4	594.2	6.13	100	-	*
Empire District Electric Co									316	346.4	3.52	-	-	100
State Line (MO).....	-	-	-	-	-	-	-	-	316	346.4	3.52	-	-	100
Fayetteville Public Works									269	436.6	4.51	-	-	100
Butler Warner (NC).....	-	-	-	-	-	-	-	-	269	436.6	4.51	-	-	100
Florida Power & Light Co					2,449	381.1	24.40	0.96	27,166	394.7	4.10	-	-	36 64
Cape Canaveral (FL).....	-	-	-	-	295	427.5	27.37	0.99	854	394.7	4.09	-	68	32
Cutler (FL).....	-	-	-	-	-	-	-	-	727	394.7	4.09	-	-	100
Fort Myers (FL).....	-	-	-	-	-	-	-	-	6,308	394.7	4.14	-	-	100
Lauderdale (FL).....	-	-	-	-	-	-	-	-	4,394	394.7	4.09	-	-	100
Manatee (FL).....	-	-	-	-	623	344.2	22.03	1.01	-	-	-	-	100	-
Martin (FL).....	-	-	-	-	243	429.7	27.29	0.87	6,897	394.7	4.09	-	18	82
Port Everglades (FL).....	-	-	-	-	710	344.9	22.19	0.95	589	394.7	4.09	-	88	12
Putnam (FL).....	-	-	-	-	-	-	-	-	1,839	394.7	4.09	-	-	100
Riviera (FL).....	-	-	-	-	149	421.2	26.73	0.89	578	394.7	4.09	-	61	39
Sanford (FL).....	-	-	-	-	66	423.8	27.55	0.95	4,427	394.7	4.09	-	9	91
Turkey Point (FL).....	-	-	-	-	363	421.8	26.91	0.99	554	394.7	4.09	-	80	20
Florida Power Corp⁴	620	219.5	55.64	0.86	365	375.9	24.80	1.46	558	402.5	4.03	83	13	4
Anclote (FL).....	-	-	-	-	*	630.1	36.84	0.50	237	366.2	3.66	-	1	99
Bartow (FL).....	-	-	-	-	339	372.8	24.63	1.49	161	327.7	3.28	-	93	7
Crystal River (FL).....	416	221.4	56.05	0.94	4	634.5	36.88	0.49	-	-	-	100	*	-
IMT Transfer (LA).....	205	215.8	54.82	0.70	-	-	-	-	-	-	-	100	-	-
Suwannee (FL).....	-	-	-	-	22	383.5	25.18	1.12	159	512.8	5.13	-	48	52
Fort Pierce City of									132	337.5	3.49	-	-	100
H D King (FL).....	-	-	-	-	-	-	-	-	132	337.5	3.49	-	-	100
Fremont City of	42	117.9	20.91	0.24	-	-	-	-	9	373.0	3.73	99	-	1
Wright (NE).....	42	117.9	20.91	0.24	-	-	-	-	9	373.0	3.73	99	-	1
Gainesville City of	66	215.4	55.89	0.65	-	-	-	-	843	403.4	4.17	66	-	34
Deerhaven (FL).....	66	215.4	55.89	0.65	-	-	-	-	490	403.4	4.18	77	-	23
Jr Kelly (FL).....	-	-	-	-	-	-	-	-	353	403.4	4.17	-	-	100
Georgia Power Co	2,544	166.0	38.71	0.81	6	624.0	36.30	0.50	3	393.3	4.06	100	-	-
Arkwright (GA).....	-	-	-	-	-	-	-	-	*	376.0	3.87	-	-	100
Atkinson-McDonough (GA).....	86	154.3	39.31	1.05	-	-	-	-	*	384.0	3.93	100	-	*
Bowen (GA).....	755	156.3	38.03	0.92	1	625.8	36.40	0.50	-	-	-	100	*	-
Hammond (GA).....	113	152.0	39.26	0.86	3	620.8	36.11	0.50	-	-	-	100	*	-
Harlee Branch (GA).....	350	171.3	42.20	1.05	1	626.6	36.45	0.50	-	-	-	100	*	-
Mitchell (GA).....	10	178.4	45.69	0.87	-	-	-	-	-	-	-	100	-	-
Scherer (GA).....	833	182.0	37.04	0.49	2	625.5	36.39	0.50	-	-	-	100	*	-
Wansley (GA).....	309	159.1	40.10	0.96	-	-	-	-	3	398.0	4.11	100	-	*
Yates (GA).....	88	156.7	39.62	1.15	*	628.3	36.55	0.50	*	354.0	3.66	100	*	*
Glendale City of									174	325.0	3.33	-	-	100
Glendale (CA).....	-	-	-	-	-	-	-	-	174	325.0	3.33	-	-	100
Grand Haven City of	16	153.6	38.29	2.29	-	-	-	-	8	495.4	4.95	98	-	2
J B Simms (MI).....	16	153.6	38.29	2.29	-	-	-	-	8	495.4	4.95	98	-	2
Grand Island City of	13	72.7	12.75	0.27	-	-	-	-	35	402.6	4.03	87	-	13
Burdick (NE).....	-	-	-	-	-	-	-	-	35	402.6	4.03	-	-	100
Platte (NE).....	13	72.7	12.75	0.27	-	-	-	-	-	-	-	100	-	-
Grand River Dam Authority	357	90.1	15.28	0.34	-	-	-	-	6	369.9	3.72	100	-	-
GRDA No 1 (OK).....	357	90.1	15.28	0.34	-	-	-	-	6	369.9	3.72	100	-	*
Gulf Power Co	213	158.5	38.55	0.91	1	585.6	34.03	0.45	1,902	460.4	4.78	72	-	28
Crist (FL).....	154	157.6	38.55	0.97	1	585.6	34.03	0.45	2	363.9	3.77	100	*	*
Scholtz (FL).....	8	158.2	39.72	0.88	-	-	-	-	-	-	-	100	-	-
Smith (FL).....	51	161.3	38.39	0.73	-	-	-	-	1,900	460.5	4.78	38	-	62
Gulf States Utilities Co	169	120.6	21.01	0.46	-	-	-	-	16,388	361.4	3.74	15	-	85
Lewis Creek (TX).....	-	-	-	-	-	-	-	-	2,662	341.0	3.54	-	-	100
Louisiana 1 (LA).....	-	-	-	-	-	-	-	-	*	433.8	4.34	-	-	100
Nelson (LA).....	169	120.6	21.01	0.46	-	-	-	-	2,597	380.2	3.95	52	-	48
Sabine (TX).....	-	-	-	-	-	-	-	-	7,714	358.8	3.72	-	-	100
Spindletop Storage (TX).....	-	-	-	-	-	-	-	-	191	329.7	3.46	-	-	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, September 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal			Petroleum ¹				Gas			% of Total Btu			
	Receipts (1,000 short tons)	Average Cost ²		Avg. Sulfur %	Receipts (1,000 bbls)	Average Cost ²		Avg. Sulfur %	Receipts (1,000 Mcf)	Average Cost ²		Coal	Petroleum	Gas
		(Cents/10 ⁶ Btu)	(\$/short ton)			(Cents/10 ⁶ Btu)	(\$/bbl)			(Cents/10 ⁶ Btu)	(\$/Mcf)			
Gulf States Utilities Co (Continued)														
Willow Glen (LA)	-	-	-	-	-	-	-	-	3,223	371.0	3.83	-	-	100
Hamilton City of	6	153.7	38.85	0.80	-	-	-	-	12	421.1	4.31	92	-	8
Hamilton (OH)	6	153.7	38.85	0.80	-	-	-	-	12	421.1	4.31	92	-	8
Hastings City of	24	69.6	11.79	0.40	-	-	-	-	-	-	-	100	-	-
Hastings (NE)	24	69.6	11.79	0.40	-	-	-	-	-	-	-	100	-	-
Holland City of	12	178.0	44.70	0.93	-	-	-	-	129	364.9	3.72	70	-	30
James De Young (MI)	12	178.0	44.70	0.93	-	-	-	-	129	364.9	3.72	70	-	30
Holyoke Water Power Co	9	235.6	61.53	0.72	-	612.5	35.45	0.27	-	-	-	99	1	-
Mount Tom (MA)	9	235.6	61.53	0.72	*	612.5	35.45	0.27	-	-	-	99	1	-
Hoosier Energy R E C Inc	325	103.7	22.94	2.49	3	613.9	35.58	0.10	-	-	-	100	-	-
Frank E Ratts (IN)	50	106.2	23.95	1.27	*	623.2	36.12	0.10	-	-	-	100	*	-
Merom (IN)	275	103.2	22.76	2.72	3	612.5	35.50	0.10	-	-	-	100	*	-
IES Utilities	442	85.6	14.65	0.31	2	635.7	37.38	-	178	390.3	3.90	98	-	2
6th St (IA)	24	150.9	31.14	0.35	-	-	-	-	86	362.6	3.63	85	-	15
Burlington (IA)	59	88.1	14.82	0.42	-	-	-	-	*	403.4	4.03	100	-	*
Ottumwa (IA)	258	70.1	11.79	0.28	-	-	-	-	-	-	-	100	-	-
Prairie Creek (IA)	58	111.3	18.83	0.32	2	635.7	37.38	-	36	460.6	4.61	95	1	4
Sutherland (IA)	43	94.9	16.63	0.29	-	-	-	-	56	387.8	3.88	93	-	7
Imperial Irrigation District	-	-	-	-	-	-	-	-	881	620.0	6.20	-	-	100
El Centro (CA)	-	-	-	-	-	-	-	-	881	620.0	6.20	-	-	100
Indiana & Michigan Electric Co	931	117.1	23.20	0.56	13	583.9	33.57	-	-	-	-	100	-	-
Rockport (IN)	670	115.0	20.96	0.33	12	579.9	33.25	-	-	-	-	99	1	-
Tanners Creek (IN)	261	121.2	28.94	1.13	1	616.7	36.29	-	-	-	-	100	*	-
Indiana-Kentucky Electric Corp	363	118.3	23.49	0.52	-	664.5	37.96	0.30	-	-	-	100	-	-
Clifty Creek (IN)	363	118.3	23.49	0.52	*	664.5	37.96	0.30	-	-	-	100	*	-
Indianapolis Power & Light Co	625	97.8	21.70	2.42	-	-	-	-	-	-	-	100	-	-
Petersburg (IN)	416	92.4	20.67	2.99	-	-	-	-	-	-	-	100	-	-
Pritchard (IN)	86	109.0	24.32	1.19	-	-	-	-	-	-	-	100	-	-
Stout (IN)	123	108.3	23.34	1.35	-	-	-	-	-	-	-	100	-	-
Interstate Power Co	223	130.0	22.10	0.27	3	633.7	37.26	-	17	354.7	3.55	99	-	-
Fox Lake (MN)	-	-	-	-	-	-	-	-	14	348.6	3.49	-	-	100
Kapp (IA)	112	129.2	21.88	0.26	-	-	-	-	3	385.7	3.86	100	-	*
Lansing (IA)	110	130.7	22.32	0.28	3	633.7	37.26	-	-	-	-	99	1	-
Jacksonville Electric Auth	412	158.7	39.07	1.23	8	606.5	35.41	0.35	799	403.9	4.25	92	-	8
Northside (FL)	63	182.2	47.63	2.53	-	-	-	-	799	403.9	4.25	66	-	34
St Johns River (FL)	349	154.1	37.53	1.00	8	606.5	35.41	0.35	-	-	-	99	1	-
Jamestown City of	8	153.3	38.47	1.74	-	-	-	-	-	-	-	100	-	-
Samuel A Carlson (NY)	8	153.3	38.47	1.74	-	-	-	-	-	-	-	100	-	-
Kansas City City of	81	92.5	15.97	0.29	5	625.4	36.25	0.50	84	336.4	3.36	93	2	6
Kaw (KS)	-	-	-	-	-	-	-	-	13	342.8	3.42	-	-	100
Nearman (KS)	14	70.4	11.48	0.36	2	612.7	35.51	0.50	-	-	-	94	6	-
Quindaro (KS)	67	96.7	16.88	0.28	2	638.1	36.98	0.50	71	335.3	3.35	93	1	6
Kansas City Power & Light Co	1,043	72.4	12.64	0.48	12	646.5	37.55	0.23	437	350.2	3.50	97	-	2
Hawthorne (MO)	196	63.2	10.86	0.36	-	-	-	-	437	350.2	3.50	89	-	11
Iatan (MO)	225	73.0	12.78	0.28	3	641.7	37.19	0.23	-	-	-	100	*	-
La Cygne (KS)	579	73.8	12.96	0.61	4	647.5	37.50	0.23	-	-	-	100	*	-
Montrose (MO)	42	91.1	15.81	0.41	6	648.2	37.77	0.23	-	-	-	96	4	-
Kansas Gas & Electric Co	-	-	-	-	73	291.7	19.48	1.70	461	299.8	3.09	-	51	49
Evans (KS)	-	-	-	-	73	291.7	19.48	1.70	356	299.8	3.10	-	57	43
Gill (KS)	-	-	-	-	-	-	-	-	105	299.7	3.07	-	-	100
Kansas Power & Light Co	1,159	108.6	18.46	0.39	9	255.9	17.09	1.70	110	315.2	3.16	99	-	1
Hutchinson (KS)	-	-	-	-	9	255.9	17.09	1.70	110	315.2	3.16	-	35	65
Jeffrey Energy Cnt (KS)	893	112.0	18.88	0.40	-	-	-	-	-	-	-	100	-	-
Lawrence (KS)	185	97.3	17.01	0.35	-	-	-	-	-	-	-	100	-	-
Tecumseh (KS)	81	97.8	17.11	0.36	-	-	-	-	-	-	-	100	-	-
Kentucky Power Co	61	113.3	27.51	0.91	1	634.3	37.30	-	-	-	-	99	1	-
Big Sandy (KY)	61	113.3	27.51	0.91	1	634.3	37.30	-	-	-	-	99	1	-
Kentucky Utilities Co	405	136.8	32.71	1.41	7	611.7	35.97	0.40	-	-	-	100	-	-
Brown (KY)	141	140.0	33.76	1.50	-	-	-	-	-	-	-	100	-	-
Ghent (KY)	215	132.7	31.22	1.36	7	611.7	35.97	0.40	-	-	-	99	1	-
Green River (KY)	29	150.9	36.67	1.76	-	-	-	-	-	-	-	100	-	-
Tyrone (KY)	21	136.9	35.39	0.92	-	-	-	-	-	-	-	100	-	-
Lafayette City of	-	-	-	-	-	-	-	-	465	325.4	3.40	-	-	100
Bonin (LA)	-	-	-	-	-	-	-	-	465	325.4	3.40	-	-	100
Lake Worth City of	-	-	-	-	2	614.0	35.83	0.05	81	601.1	6.23	-	13	87
Tom G Smith (FL)	-	-	-	-	2	614.0	35.83	0.05	81	601.1	6.23	-	13	87
Lansing City of	117	142.5	26.50	0.34	1	341.0	19.76	0.30	-	-	-	100	-	-
Eckert (MI)	97	132.7	23.10	0.31	1	341.0	19.76	0.30	-	-	-	100	*	-
Erickson (MI)	20	176.3	42.80	0.47	*	341.0	19.76	0.30	-	-	-	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, September 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 short tons)	Average Cost ²		Avg. Sulfur %	Receipts (1,000 bbls)	Average Cost ²		Avg. Sulfur %	Receipts (1,000 Mcf)	Average Cost ²		Coal	Petroleum	Gas
		(Cents/10 ⁶ Btu)	(\$/short ton)			(Cents/10 ⁶ Btu)	(\$ bbl)			(Cents/10 ⁶ Btu)	(\$/Mcf)			
Long Island Lighting Co	-	-	-	-	451	402.8	25.85	0.88	7,627	392.7	3.98	-	27	73
Barrett (NY).....	-	-	-	-	52	476.0	29.88	0.28	2,083	402.0	4.14	-	13	87
Far Rockaway (NY).....	-	-	-	-	-	-	-	-	531	429.0	4.42	-	-	100
Glenwood (NY).....	-	-	-	-	-	-	-	-	693	420.0	4.32	-	-	100
Northport (NY).....	-	-	-	-	329	397.0	25.59	0.95	3,364	383.0	3.84	-	39	61
Port Jefferson (NY).....	-	-	-	-	70	377.0	24.11	0.97	956	365.0	3.66	-	32	68
Los Angeles City of	499	104.8	24.07	0.65	-	-	-	-	5,646	299.8	3.04	67	-	33
Havnes (CA).....	-	-	-	-	-	-	-	-	4,653	299.9	3.04	-	-	100
Intermountain (UT).....	499	104.8	24.07	0.65	-	-	-	-	-	-	-	100	-	-
Scattergood (CA).....	-	-	-	-	-	-	-	-	870	299.4	3.07	-	-	100
Valley (CA).....	-	-	-	-	-	-	-	-	123	299.9	3.10	-	-	100
Louisiana Power & Light Co	-	-	-	-	1	247.2	16.04	0.50	12,441	387.0	4.00	-	-	100
Little Gypsy (LA).....	-	-	-	-	-	-	-	-	2,203	389.9	4.04	-	-	100
Nine Mile (LA).....	-	-	-	-	*	559.3	34.05	0.50	8,121	385.3	3.99	-	*	100
Sterlington (LA).....	-	-	-	-	-	-	-	-	1,105	387.7	3.98	-	-	100
Waterford (LA).....	-	-	-	-	1	206.0	13.48	0.50	1,012	393.2	4.07	-	1	99
Louisville Gas & Electric Co	651	111.0	25.54	3.31	-	-	-	-	70	389.3	3.99	100	-	-
Cane Run (KY).....	104	116.2	26.28	3.28	-	-	-	-	27	389.3	3.99	99	-	1
Mill Creek (KY).....	405	110.5	25.31	3.32	-	-	-	-	43	389.3	3.99	100	-	*
Trimble County (KY).....	142	108.7	25.67	3.31	-	-	-	-	-	-	-	100	-	-
Lower Colorado River Authority	626	99.0	16.79	0.34	-	-	-	-	1,856	323.0	3.32	85	-	15
Gideon (TX).....	-	-	-	-	-	-	-	-	1,060	317.2	3.28	-	-	100
Sam Sevmour (TX).....	626	99.0	16.79	0.34	-	-	-	-	-	-	-	100	-	-
T C Ferguson (TX).....	-	-	-	-	-	-	-	-	796	330.8	3.37	-	-	100
Lubbock City of	-	-	-	-	-	-	-	-	750	335.5	3.36	-	-	100
Holly Ave (TX).....	-	-	-	-	-	-	-	-	554	334.6	3.36	-	-	100
Plant 2 (TX).....	-	-	-	-	-	-	-	-	196	338.0	3.38	-	-	100
Madison Gas & Electric Co	25	153.3	33.50	1.47	-	-	-	-	79	373.3	3.72	87	-	13
Blount (WI).....	25	153.3	33.50	1.47	-	-	-	-	79	373.3	3.72	87	-	13
Manitowoc Public Utilities	5	175.9	44.61	1.13	-	-	-	-	-	-	-	100	-	-
Manitowoc (WI).....	5	175.9	44.61	1.13	-	-	-	-	-	-	-	100	-	-
Marquette City of	26	124.7	23.08	0.30	1	677.7	39.28	1.20	-	-	-	99	1	-
Shiras (MI).....	26	124.7	23.08	0.30	1	677.7	39.28	1.20	-	-	-	99	1	-
Medina Electric Coop Inc	-	-	-	-	-	-	-	-	43	364.0	4.22	-	-	100
Pearsall (TX).....	-	-	-	-	-	-	-	-	43	364.0	4.22	-	-	100
Michigan South Central Pwr Agcy	13	171.9	40.78	2.61	-	-	-	-	-	-	-	100	-	-
Project 1 (MI).....	13	171.9	40.78	2.61	-	-	-	-	-	-	-	100	-	-
MidAmerican Energy	1,179	75.9	12.99	0.32	-	-	-	-	60	397.0	3.98	100	-	-
Council Bluffs (IA).....	360	68.1	11.58	0.32	-	-	-	-	-	-	-	100	-	-
George Neal 1-4 (IA).....	521	73.1	12.54	0.33	-	-	-	-	27	447.7	4.49	100	-	*
Louisa (IA).....	255	90.0	15.44	0.30	-	-	-	-	12	393.6	3.94	100	-	*
Riverside (IA).....	41	91.4	15.97	0.28	-	-	-	-	21	332.6	3.33	97	-	3
Minnesota Power & Light Co	389	117.0	20.95	0.62	-	589.4	33.92	0.20	-	-	-	100	-	-
Boswell Energy Center (MN).....	357	116.6	20.79	0.64	-	-	-	-	-	-	-	100	-	-
Laskin Energy Center (MN).....	32	121.5	22.68	0.39	*	589.4	33.92	0.20	-	-	-	100	*	-
Minnkota Power Coop Inc	334	54.1	7.26	1.09	3	662.0	38.93	0.40	-	-	-	100	-	-
Young (ND).....	334	54.1	7.26	1.09	3	662.0	38.93	0.40	-	-	-	100	*	-
Mississippi Power & Light Co	-	-	-	-	1	471.6	28.41	0.94	5,185	358.7	3.68	-	-	100
Brown (MS).....	-	-	-	-	*	531.3	31.40	0.50	658	369.9	3.75	-	*	100
Delta (MS).....	-	-	-	-	*	254.1	16.75	3.00	106	424.6	4.33	-	1	99
Gerald Andrus (MS).....	-	-	-	-	1	522.4	30.84	0.50	2,178	355.0	3.67	-	*	100
Wilson (MS).....	-	-	-	-	*	520.7	30.63	0.50	2,243	355.9	3.65	-	*	100
Mississippi Power Co	280	169.6	39.39	0.58	-	601.7	35.40	0.45	2,759	357.6	3.70	69	-	30
Daniel (MS).....	171	179.7	41.77	0.59	*	601.7	35.40	0.45	2,240	357.4	3.69	63	*	37
Eaton (MS).....	-	-	-	-	-	-	-	-	1	319.0	3.29	-	-	100
Sweatt (MS).....	-	-	-	-	-	-	-	-	2	336.1	3.47	-	-	100
Watson (MS).....	109	153.9	35.67	0.56	-	-	-	-	515	358.9	3.74	83	-	17
Monongahela Power Co	275	119.2	30.03	2.93	1	633.8	37.53	0.30	9	406.5	4.07	100	-	-
Albright (WV).....	22	115.3	29.34	1.61	*	648.6	38.41	0.30	-	-	-	100	*	-
Ft Martin (WV).....	13	111.7	26.92	1.67	1	613.4	36.33	0.30	-	-	-	98	2	-
Harrison (WV).....	96	124.3	30.90	3.48	*	642.1	38.03	0.30	1	420.6	4.21	100	*	*
Pleasants (WV).....	76	102.4	25.53	4.21	*	769.1	45.55	0.30	6	404.1	4.04	100	*	*
Rivesville (WV).....	16	129.6	31.12	1.01	*	710.4	42.07	0.30	-	-	-	100	*	-
Willow Island (WV).....	51	133.5	35.76	1.49	-	-	-	-	2	404.8	4.05	100	-	*
Montana-Dakota Utilities Co	68	94.2	13.14	0.62	-	-	-	-	1	409.7	4.65	100	-	-
Heskett (ND).....	45	95.9	13.65	0.70	-	-	-	-	-	-	-	100	-	-
Lewis and Clark (MT).....	24	90.7	12.17	0.46	-	-	-	-	1	409.7	4.65	100	-	*
Morgan City City of	-	-	-	-	-	-	-	-	97	335.0	3.52	-	-	100
Morgan City (LA).....	-	-	-	-	-	-	-	-	97	335.0	3.52	-	-	100
Muscataine City of	68	77.1	13.02	0.71	-	-	-	-	28	366.3	3.69	98	-	2

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, September 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 short tons)	Average Cost ²		Avg. Sulfur %	Receipts (1,000 bbls)	Average Cost ²		Avg. Sulfur %	Receipts (1,000 Mcf)	Average Cost ²		Coal	Petroleum	Gas
		(Cents/10 ⁶ Btu)	(\$/short ton)			(Cents/10 ⁶ Btu)	(\$/bbl)			(Cents/10 ⁶ Btu)	(\$/Mcf)			
Muscatine City of (Continued)														
Muscatine (IA).....	68	77.1	13.02	0.71	-	-	-	-	28	366.3	3.69	98	-	2
Nebraska Public Power District	488	50.9	8.71	0.29	-	658.8	38.22	0.10	10	432.8	4.33	100	-	-
Gerald Gentleman (NE).....	426	48.8	8.33	0.30	*	658.8	38.22	0.10	10	430.0	4.30	100	*	*
Sheldon (NE).....	62	65.3	11.31	0.29	-	-	-	-	*	551.6	5.52	100	-	*
Nevada Power Co.	171	119.4	28.67	0.71	-	-	-	-	3,736	438.3	4.49	52	-	48
Clark (NV).....	-	-	-	-	-	-	-	-	3,276	442.0	4.53	-	-	100
Gardner (NV).....	171	119.4	28.67	0.71	-	-	-	-	-	-	-	100	-	-
Sunrise (NV).....	-	-	-	-	-	-	-	-	460	412.0	4.22	-	-	100
New Orleans Public Service Inc.	-	-	-	-	-	529.4	31.26	0.50	2,565	376.8	3.93	-	-	100
Michoud (LA).....	-	-	-	-	-	-	-	-	2,482	377.0	3.93	-	-	100
Paterson (LA).....	-	-	-	-	*	529.4	31.26	0.50	82	371.5	3.89	-	*	100
Northern Indiana Pub Serv Co.	678	128.4	27.09	1.55	-	-	-	-	51	415.4	4.17	100	-	-
Bailey (IN).....	185	118.9	27.19	2.77	-	-	-	-	6	459.3	4.61	100	-	*
Michigan City (IN).....	120	131.4	24.01	0.32	-	-	-	-	30	352.2	3.53	99	-	1
Rollin Schahfer (IN).....	373	132.6	28.03	1.34	-	-	-	-	15	526.3	5.28	100	-	*
Northern States Power Co.	988	99.4	17.58	0.42	3	248.9	14.45	0.40	439	477.9	4.81	97	-	2
Bay Front (WI).....	4	160.0	36.14	0.38	-	-	-	-	19	354.4	3.55	83	-	17
Black Dog (MN).....	49	120.0	21.23	0.20	-	-	-	-	410	483.2	4.86	68	-	32
High Bridge (MN).....	52	110.4	19.57	0.20	-	-	-	-	7	552.9	5.56	99	-	1
King (MN).....	138	119.1	21.21	0.28	-	-	-	-	-	-	-	100	-	-
Riverside (MN).....	89	109.7	19.58	0.20	-	-	-	-	3	387.4	3.90	100	-	*
Sherburne County (MN).....	655	90.8	15.99	0.52	3	248.9	14.45	0.40	-	-	-	100	*	-
Ohio Power Co.	1,120	119.7	29.86	1.74	2	654.9	38.32	-	-	-	-	100	-	-
Gavin (OH).....	366	96.6	23.93	2.93	-	-	-	-	-	-	-	100	-	-
Kammer (WV).....	110	114.5	30.07	1.47	1	678.3	39.87	-	-	-	-	100	*	-
Mitchell (WV).....	382	142.7	35.11	0.81	-	-	-	-	-	-	-	100	-	-
Muskingum (OH).....	262	120.9	30.38	1.52	1	641.1	37.41	-	-	-	-	100	*	-
Ohio Valley Electric Corp.	270	109.3	27.80	1.87	1	660.9	37.75	0.30	-	-	-	100	-	-
Kyger Creek (OH).....	270	109.3	27.80	1.87	1	660.9	37.75	0.30	-	-	-	100	*	-
Oklahoma Gas & Electric Co.	785	86.0	15.12	0.25	-	-	-	-	7,179	343.1	3.56	65	-	35
Horseshoe Lake (OK).....	-	-	-	-	-	-	-	-	1,673	343.1	3.56	-	-	100
Muskogee (OK).....	408	82.6	14.52	0.27	-	-	-	-	357	343.1	3.56	95	-	5
Mustang (OK).....	-	-	-	-	-	-	-	-	1,456	343.1	3.56	-	-	100
Seminole (OK).....	-	-	-	-	-	-	-	-	3,693	343.1	3.56	-	-	100
Sooner (OK).....	377	89.7	15.77	0.23	-	-	-	-	-	-	-	100	-	-
Omaha Public Power District	384	62.6	10.91	0.30	-	-	-	-	33	387.9	3.96	100	-	-
Nebraska City (NE).....	185	60.7	10.56	0.30	-	-	-	-	-	-	-	100	-	-
North Omaha (NE).....	199	64.3	11.24	0.30	-	-	-	-	33	387.9	3.96	99	-	1
Orlando Utilities Comm.	185	167.1	42.53	1.13	3	549.4	31.87	0.04	-	-	-	100	-	-
Stanton Energy (FL).....	185	167.1	42.53	1.13	3	549.4	31.87	0.04	-	-	-	100	*	-
Orrville City of	13	120.3	27.86	4.11	-	-	-	-	-	-	-	100	-	-
Orrville (OH).....	13	120.3	27.86	4.11	-	-	-	-	-	-	-	100	-	-
Otter Tail Power Co.	296	99.1	15.19	0.70	-	-	-	-	-	-	-	100	-	-
Big Stone (SD).....	71	132.4	22.55	0.34	-	-	-	-	-	-	-	100	-	-
Coyote (ND).....	180	70.8	9.84	0.90	-	-	-	-	-	-	-	100	-	-
Hoot Lake (MN).....	45	135.8	24.99	0.43	-	-	-	-	-	-	-	100	-	-
Owensboro City of	94	93.3	19.65	3.11	-	-	-	-	-	-	-	100	-	-
Smith (KY).....	94	93.3	19.65	3.11	-	-	-	-	-	-	-	100	-	-
PacifiCorp.	2,122	85.9	16.68	0.53	7	655.5	38.54	0.30	977	337.3	3.57	97	-	2
Carbon (UT).....	25	80.0	19.91	0.72	-	-	-	-	-	-	-	100	-	-
Emery-Hunter (UT).....	341	76.3	17.38	0.49	2	669.6	39.37	0.30	-	-	-	100	*	-
Gadsby (UT).....	-	-	-	-	-	-	-	-	938	342.5	3.62	-	-	100
Huntington (UT).....	290	79.5	17.77	0.54	2	679.7	39.97	0.30	-	-	-	100	*	-
Jim Bridger (WY).....	744	105.1	19.33	0.53	2	628.7	36.97	0.30	-	-	-	100	*	-
Johnston (WY).....	383	62.4	10.56	0.34	-	-	-	-	-	-	-	100	-	-
Naughton (WY).....	170	108.6	21.69	0.95	-	-	-	-	39	212.7	2.22	99	-	1
Wyodak (WY).....	169	61.7	10.07	0.58	1	632.5	37.19	0.30	-	-	-	100	*	-
Painesville City of	6	143.4	34.94	2.59	-	-	-	-	1	698.7	6.99	100	-	-
Painesville (OH).....	6	143.4	34.94	2.59	-	-	-	-	1	698.7	6.99	100	-	*
Pasadena City of	-	-	-	-	-	-	-	-	278	411.0	4.17	-	-	100
Broadway (CA).....	-	-	-	-	-	-	-	-	278	411.0	4.17	-	-	100
Platte River Power Authority	117	61.6	10.89	0.23	-	-	-	-	-	-	-	100	-	-
Rawhide (CO).....	117	61.6	10.89	0.23	-	-	-	-	-	-	-	100	-	-
Portland General Electric Co.	189	130.6	22.86	0.27	-	-	-	-	1,542	275.7	2.81	68	-	32
Beaver (OR).....	-	-	-	-	-	-	-	-	640	276.2	2.82	-	-	100
Boardman (OR).....	189	130.6	22.86	0.27	-	-	-	-	-	-	-	100	-	-
Coyote Springs (OR).....	-	-	-	-	-	-	-	-	902	275.4	2.81	-	-	100
PSI Energy Inc.	1,362	122.1	26.89	1.60	8	609.0	35.04	0.30	-	-	-	100	-	-
Cayuga (IN).....	259	127.6	27.75	1.29	-	-	-	-	-	-	-	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, September 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 short tons)	Average Cost ²		Avg. Sulfur %	Receipts (1,000 bbls)	Average Cost ²		Avg. Sulfur %	Receipts (1,000 Mcf)	Average Cost ²		Coal	Petroleum	Gas
		(Cents/10 ⁶ Btu)	(\$/short ton)			(Cents/10 ⁶ Btu)	(\$/bbl)			(Cents/10 ⁶ Btu)	(\$/Mcf)			
PSI Energy Inc (Continued)														
Edwardsport (IN).....	33	122.8	27.19	2.09	-	-	-	-	-	-	-	100	-	-
Gallagher (IN).....	155	153.6	34.56	1.91	5	612.7	35.25	0.30	-	-	-	99	1	-
Gibson Station (IN).....	740	113.5	25.04	1.63	2	605.8	34.86	0.30	-	-	-	100	*	-
Noblesville (IN).....	12	160.2	34.83	1.70	*	587.5	33.80	0.30	-	-	-	100	*	-
Wabash River (IN).....	162	119.1	25.92	1.54	1	599.6	34.50	0.30	-	-	-	100	*	-
Public Service Co of Colorado	1,013	103.5	19.71	0.39					3,005	196.2	1.94	87		13
Arapahoe (CO).....	85	87.9	15.33	0.32	-	-	-	-	179	227.9	2.04	90	-	10
Cameo (CO).....	26	100.0	22.03	0.53	-	-	-	-	6	185.0	1.86	99	-	1
Cherokee (CO).....	149	109.7	24.77	0.58	-	-	-	-	3	230.9	2.29	100	-	*
Comanche (CO).....	295	68.0	11.72	0.29	-	-	-	-	9	226.7	2.25	100	-	*
Fort St. Vrain (CO).....	-	-	-	-	-	-	-	-	2,786	194.0	1.93	-	-	100
Hayden (CO).....	157	102.0	20.91	0.41	-	-	-	-	-	-	-	100	-	-
Pawnee (CO).....	210	93.3	15.69	0.37	-	-	-	-	6	227.7	2.33	100	-	*
Valmont (CO).....	91	213.8	47.88	0.49	-	-	-	-	4	276.1	2.73	100	-	*
Zuni (CO).....	-	-	-	-	-	-	-	-	11	229.8	2.29	-	-	100
Public Service Co of NH	170	176.3	47.62	1.04	3	588.8	34.08	0.27	200	369.8	3.87	95		4
Merrimack (NH).....	91	193.2	52.44	1.35	*	603.9	34.95	0.27	-	-	-	100	*	-
Newington Station (NH).....	-	-	-	-	3	587.0	33.97	0.27	200	369.8	3.87	-	7	93
Schiller (NH).....	79	156.7	42.10	0.69	-	-	-	-	-	-	-	100	-	-
Public Service Co of NM	535	177.8	35.18	0.66	5	721.7	41.22		160	476.1	4.93	98		2
Reeves (NM).....	-	-	-	-	-	-	-	-	160	476.1	4.93	-	-	100
San Juan (NM).....	535	177.8	35.18	0.66	5	721.7	41.22	-	-	-	-	100	*	-
Public Service Co of Oklahoma	156	102.5	17.85	0.46					7,569	338.3	3.44	26		74
Comanche (CS) (OK).....	-	-	-	-	-	-	-	-	1,136	338.7	3.47	-	-	100
Northeastern (OK).....	156	102.5	17.85	0.46	-	-	-	-	2,926	338.8	3.43	48	-	52
Riverside (OK).....	-	-	-	-	-	-	-	-	2,463	337.3	3.43	-	-	100
Southwestern (OK).....	-	-	-	-	-	-	-	-	827	337.7	3.48	-	-	100
Tulsa (OK).....	-	-	-	-	-	-	-	-	218	340.5	3.45	-	-	100
Puget Sound Power & Light Co	498	55.8	9.45	0.69	5	645.4	38.22	0.50				100		
Colstrip (MT).....	498	55.8	9.45	0.69	5	645.4	38.22	0.50	-	-	-	100	*	-
Richmond City of	27	143.5	34.84	2.50								100		
Whitewater (IN).....	27	143.5	34.84	2.50	-	-	-	-	-	-	-	100	-	-
Rochester Gas & Electric Corp	49	166.6	43.73	2.22								100		
Russell Station 7 (NY).....	49	166.6	43.73	2.22	-	-	-	-	-	-	-	100	-	-
Ruston City of									6	400.0	4.27			100
Steam Plant (LA).....	-	-	-	-	-	-	-	-	6	400.0	4.27	-	-	100
S Mississippi Elec Pwr Assn	83	161.7	40.78	1.05					484	363.3	3.76	81		19
Moselle (MS).....	-	-	-	-	-	-	-	-	484	363.3	3.76	-	-	100
R D Morrow (MS).....	83	161.7	40.78	1.05	-	-	-	-	-	-	-	100	-	-
Sacramento Municipal Utility									2,862	408.8	4.09			100
Central Valley (CA).....	-	-	-	-	-	-	-	-	544	408.7	4.09	-	-	100
SCA Cogen Proj (CA).....	-	-	-	-	-	-	-	-	795	408.7	4.09	-	-	100
SPA Cogen Proj (CA).....	-	-	-	-	-	-	-	-	1,523	408.8	4.09	-	-	100
Salt River Proj Ag I & P Dist	952	121.5	25.49	0.54	10	752.7	44.05	0.05	2,334	263.3	2.67	89		11
Agua Fria (AZ).....	-	-	-	-	-	-	-	-	733	268.9	2.72	-	-	100
Coronado (AZ).....	281	128.5	24.77	0.60	-	-	-	-	-	-	-	100	-	-
Kyrene (AZ).....	-	-	-	-	-	-	-	-	710	261.4	2.66	-	-	100
Navajo (AZ).....	671	118.9	25.80	0.51	10	752.7	44.05	0.05	-	-	-	100	*	-
Santan (AZ).....	-	-	-	-	-	-	-	-	891	260.3	2.65	-	-	100
San Antonio City of	557	110.3	19.01	0.36					2,412	346.0	3.50	80		20
Arthur Rosenberg (TX).....	-	-	-	-	-	-	-	-	1,022	346.0	3.49	-	-	100
Braunig (TX).....	-	-	-	-	-	-	-	-	538	346.0	3.51	-	-	100
JT Deely/Spruce (TX).....	557	110.3	19.01	0.36	-	-	-	-	*	346.0	3.50	100	-	*
Sommers (TX).....	-	-	-	-	-	-	-	-	743	346.0	3.51	-	-	100
Tuttle (TX).....	-	-	-	-	-	-	-	-	109	346.0	3.51	-	-	100
Seminole Electric Coop Inc	348	168.6	40.53	3.04	2	633.3	36.96	0.29	1,607	429.0	4.29	84		16
Payne Creek (FL).....	-	-	-	-	-	-	-	-	1,607	429.0	4.29	-	-	100
Seminole (FL).....	348	168.6	40.53	3.04	2	633.3	36.96	0.29	-	-	-	100	*	-
Sierra Pacific Power Co	130	148.7	34.57	0.40					1,876	716.9	7.32	61		39
Fort Churchill (NV).....	-	-	-	-	-	-	-	-	907	910.0	9.29	-	-	100
North Valmy (NV).....	130	148.7	34.57	0.40	-	-	-	-	-	-	-	100	-	-
Tracy (NV).....	-	-	-	-	-	-	-	-	969	536.0	5.47	-	-	100
South Carolina Electric & Gas Co	560	169.3	43.26	1.06	3	581.9	33.73	0.20	3	527.6	5.42	100		
Canadys (SC).....	79	159.0	40.43	1.23	2	572.6	33.19	0.20	3	527.6	5.42	99	1	*
Cope (SC).....	128	174.1	43.15	0.97	*	630.4	36.54	0.20	-	-	-	100	*	-
Mcmeekin (SC).....	*	140.0	33.60	1.00	-	-	-	-	-	-	-	100	-	-
Urguhart (SC).....	30	162.5	42.66	1.58	-	-	-	-	-	-	-	100	-	-
Waterree (SC).....	185	170.7	44.10	1.15	*	638.8	37.02	0.20	-	-	-	100	*	-
Williams (SC).....	138	170.4	44.00	0.82	2	568.6	32.96	0.20	-	-	-	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, September 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 short tons)	Average Cost ²		Avg. Sulfur %	Receipts (1,000 bbls)	Average Cost ²		Avg. Sulfur %	Receipts (1,000 Mcf)	Average Cost ²		Coal	Petroleum	Gas
		(Cents/10 ⁶ Btu)	(\$/short ton)			(Cents/10 ⁶ Btu)	(\$/bbl)			(Cents/10 ⁶ Btu)	(\$/Mcf)			
South Carolina Pub Serv Auth.....	689	151.6	38.22	1.29	-	-	-	-	-	-	-	100	-	-
Cross (SC).....	283	144.9	36.70	1.33	-	-	-	-	-	-	-	100	-	-
Grainger (SC).....	48	156.3	38.72	1.43	-	-	-	-	-	-	-	100	-	-
Jefferies (SC).....	109	139.6	34.76	1.60	-	-	-	-	-	-	-	100	-	-
Winyah (SC).....	249	163.5	41.37	1.08	-	-	-	-	-	-	-	100	-	-
Southern California Edison Co.....	465	119.2	26.01	0.49	-	-	-	-	-	964.3	9.90	100	-	-
Mohave (NV).....	465	119.2	26.01	0.49	-	-	-	-	*	964.3	9.90	100	-	*
Southern Illinois Power Coop.....	66	83.0	16.54	2.72	1	659.3	37.57	-	-	-	-	100	-	-
Marion (IL).....	66	83.0	16.54	2.72	1	659.3	37.57	-	-	-	-	100	*	-
Southwestern Electric Power Co.....	1,150	140.0	22.56	0.60	2	568.0	33.40	-	3,175	354.3	3.68	85	-	15
Arsenal Hill (LA).....	-	-	-	-	-	-	-	-	234	357.3	3.77	-	-	100
Flint Creek (AR).....	198	154.8	26.40	0.25	-	-	-	-	-	-	-	100	-	-
Knox Lee (TX).....	-	-	-	-	-	-	-	-	809	354.0	3.64	-	-	100
Lieberman (LA).....	-	-	-	-	-	-	-	-	218	377.5	3.82	-	-	100
Lone Star (TX).....	-	-	-	-	-	-	-	-	19	369.4	3.83	-	-	100
Pirkey (TX).....	309	122.6	15.96	1.51	-	-	-	-	7	383.2	4.20	100	-	*
Welsh Station (TX).....	643	141.8	24.55	0.28	2	568.0	33.40	-	-	-	-	100	*	-
Wilkes (TX).....	-	-	-	-	-	-	-	-	1,888	351.1	3.67	-	-	100
Southwestern Public Service Co.....	778	129.1	22.68	0.28	-	-	-	-	4,556	333.9	3.38	75	-	25
Cunningham (NM).....	-	-	-	-	-	-	-	-	1,030	333.5	3.38	-	-	100
Harrington (TX).....	390	127.8	22.43	0.28	-	-	-	-	4	396.5	4.11	100	-	*
Jones (TX).....	-	-	-	-	-	-	-	-	1,675	324.2	3.27	-	-	100
Maddox (NM).....	-	-	-	-	-	-	-	-	102	336.8	3.42	-	-	100
Nichols (TX).....	-	-	-	-	-	-	-	-	1,177	341.1	3.49	-	-	100
Plant X (TX).....	-	-	-	-	-	-	-	-	566	346.8	3.46	-	-	100
Tolk (TX).....	388	130.5	22.93	0.29	-	-	-	-	3	396.5	3.93	100	-	*
Springfield City of.....	104	116.5	24.58	3.26	-	-	-	-	-	-	-	100	-	-
Dallman (IL).....	95	117.4	24.75	3.26	-	-	-	-	-	-	-	100	-	-
Lakeside (IL).....	9	107.2	22.76	3.26	-	-	-	-	-	-	-	100	-	-
Springfield City of.....	196	120.2	21.94	0.21	-	-	-	-	48	371.2	3.78	99	-	1
James River (MO).....	103	128.9	23.98	0.21	-	-	-	-	46	371.2	3.78	98	-	2
Southwest (MO).....	93	110.1	19.67	0.20	-	-	-	-	2	371.2	3.78	100	-	*
St Joseph Light & Power Co.....	25	122.1	24.49	0.44	-	-	-	-	80	353.5	3.55	86	-	14
Lakeroad (MO).....	25	122.1	24.49	0.44	-	-	-	-	80	353.5	3.55	86	-	14
Tallahassee City of.....	-	-	-	-	-	-	-	-	1,767	398.0	4.11	-	-	100
Hopkins (FL).....	-	-	-	-	-	-	-	-	707	398.0	4.12	-	-	100
Purdom (FL).....	-	-	-	-	-	-	-	-	1,060	398.0	4.11	-	-	100
Tampa Electric⁵ Co.....	457	162.3	39.28	2.29	25	632.3	36.65	-	-	-	-	99	1	-
Big Bend (FL).....	-	-	-	-	4	519.5	30.11	-	-	-	-	-	-	100
Davant Transfer (FL).....	457	162.3	39.28	2.29	-	-	-	-	-	-	-	100	-	-
Gannon (FL).....	-	-	-	-	5	591.8	34.30	-	-	-	-	-	-	100
Polk Station (FL).....	-	-	-	-	17	667.6	38.69	-	-	-	-	-	-	100
Taunton City of.....	-	-	-	-	10	436.0	27.72	1.00	306	412.2	4.25	-	17	83
Cleary (MA).....	-	-	-	-	10	436.0	27.72	1.00	306	412.2	4.25	-	17	83
Tennessee Valley Authority⁶.....	3,624	119.7	27.19	1.56	11	609.2	35.79	0.50	-	-	-	100	-	-
Bull Run (TN).....	214	126.4	31.75	0.92	-	-	-	-	-	-	-	100	-	-
Cora Transfer (TN).....	201	133.7	23.54	0.30	-	-	-	-	-	-	-	100	-	-
Cumberland (TN).....	619	104.6	25.20	2.87	6	622.5	36.58	0.50	-	-	-	100	*	-
GRT Terminal (TN).....	987	119.4	25.66	0.78	-	-	-	-	-	-	-	100	-	-
Johnsonville (TN).....	90	125.0	30.33	1.57	-	-	-	-	-	-	-	100	-	-
Kingston (TN).....	383	130.6	32.09	0.93	2	599.2	35.21	0.50	-	-	-	100	*	-
Paradise (KY).....	334	93.6	19.68	3.71	*	605.1	35.55	0.50	-	-	-	100	*	-
Sevier (TN).....	170	128.8	32.97	0.81	*	614.7	36.12	0.50	-	-	-	100	*	-
Shawnee (KY).....	324	136.2	30.59	0.53	2	595.7	35.00	0.50	-	-	-	100	*	-
Widows Creek (AL).....	302	127.2	29.76	2.59	2	581.8	34.19	0.50	-	-	-	100	*	-
Terrabonne Parrish Con.....	-	-	-	-	-	-	-	-	120	344.6	3.64	-	-	100
Houma (LA).....	-	-	-	-	-	-	-	-	120	344.6	3.64	-	-	100
Texas Municipal Power Agency.....	185	137.2	23.28	0.34	-	-	-	-	-	-	-	100	-	-
Gibbons Creek (TX).....	185	137.2	23.28	0.34	-	-	-	-	-	-	-	100	-	-
Texas-New Mexico Power Co.....	171	151.4	20.72	1.05	-	-	-	-	3	325.9	3.34	100	-	-
TNP One (Tx).....	171	151.4	20.72	1.05	-	-	-	-	3	325.9	3.34	100	-	*
Tri State Gen & Trans Assn, Inc.....	504	109.5	22.05	0.49	-	-	-	-	4	266.9	2.95	100	-	-
Craig (CO).....	386	105.4	21.58	0.36	-	-	-	-	4	264.7	2.94	100	-	*
Escalante (NM).....	88	130.8	23.83	0.83	-	-	-	-	*	367.7	3.10	100	-	*
Nucla (CO).....	30	107.7	22.82	1.08	-	-	-	-	-	-	-	100	-	-
Tucson Electric Power Co.....	284	146.4	27.48	0.84	-	-	-	-	1,160	364.5	3.73	82	-	18
Irrington (AZ).....	22	150.5	33.91	0.54	-	-	-	-	1,160	364.5	3.73	29	-	71
Springerville (AZ).....	263	146.0	26.95	0.87	-	-	-	-	-	-	-	100	-	-
United Power Assn.....	102	76.2	9.95	0.63	-	-	-	-	-	-	-	100	-	-
Stanton (ND).....	102	76.2	9.95	0.63	-	-	-	-	-	-	-	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, September 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 short tons)	Average Cost ²		Avg. Sulfur %	Receipts (1,000 bbls)	Average Cost ²		Avg. Sulfur %	Receipts (1,000 Mcf)	Average Cost ²		Coal	Petroleum	Gas
		(Cents/10 ⁶ Btu)	(\$/short ton)			(Cents/10 ⁶ Btu)	(\$/bbl)			(Cents/10 ⁶ Btu)	(\$/Mcf)			
UtiliCorp United Inc.....	122	99.8	21.25	0.52	-	-	-	-	-	-	-	100	-	-
Sibley (MO).....	122	99.8	21.25	0.52	-	-	-	-	-	-	-	100	-	-
Vero Beach City of.....	-	-	-	-	-	-	-	-	311	414.0	4.29	-	-	100
Vero Beach (FL).....	-	-	-	-	-	-	-	-	311	414.0	4.29	-	-	100
Vineland City of.....	4	248.0	63.97	0.73	-	-	-	-	-	-	-	100	-	-
H M Down (NJ).....	4	248.0	63.97	0.73	-	-	-	-	-	-	-	100	-	-
Virginia Electric & Power Co.....	1,174	148.6	37.41	1.37	37	441.2	27.82	1.04	1,281	434.6	4.48	93	1	6
Bremo Bluff (VA).....	49	183.0	46.19	0.97	-	-	-	-	-	-	-	100	-	-
Chesapeake Energy (VA).....	136	173.5	45.30	1.06	-	-	-	-	-	-	-	100	-	-
Chesterfield (VA).....	243	172.8	44.95	1.24	-	-	-	-	1,084	472.3	4.86	85	-	15
Clover (VA).....	169	145.4	37.14	1.06	-	-	-	-	-	-	-	100	-	-
Mount Storm (WV).....	386	115.8	28.24	1.72	6	649.1	38.17	0.20	-	-	-	100	*	-
North Branch (VA).....	32	96.3	19.69	2.40	-	-	-	-	-	-	-	100	-	-
Possum Point (VA).....	79	169.7	42.10	1.01	-	-	-	-	-	-	-	100	-	-
Storage Facility #1.....	-	-	-	-	31	406.4	25.94	1.20	-	-	-	-	100	-
Yorktown (VA).....	80	154.2	39.88	1.55	*	486.7	28.62	0.20	197	292.1	3.04	91	*	9
West Penn Power Co.....	75	122.0	31.06	2.16	-	-	-	-	-	-	-	100	-	-
Hatfield (PA).....	75	122.0	31.06	2.16	*	601.0	35.59	0.30	-	-	-	100	*	-
Western Farmers Elec Coop Inc.....	163	117.2	20.22	0.24	-	-	-	-	958	346.6	3.57	74	-	26
Anadarko (OK).....	-	-	-	-	-	-	-	-	745	346.6	3.56	-	-	100
Hugo (OK).....	163	117.2	20.22	0.24	-	-	-	-	-	-	-	100	-	-
Mooreland (OK).....	-	-	-	-	-	-	-	-	213	346.6	3.61	-	-	100
WestPlains Energy.....	-	-	-	-	-	-	-	-	701	305.2	3.04	-	-	100
Cimarron River (KS).....	-	-	-	-	-	-	-	-	89	317.0	3.19	-	-	100
Large (KS).....	-	-	-	-	-	-	-	-	423	299.6	2.96	-	-	100
Mullergren (KS).....	-	-	-	-	-	-	-	-	189	311.8	3.14	-	-	100
Wisconsin Electric Power Co.....	791	108.0	20.32	0.33	-	698.8	40.99	0.32	107	415.6	4.17	99	-	1
Oak Creek (WI).....	313	103.2	18.32	0.21	-	-	-	-	81	410.5	4.12	99	-	1
Pleasant Prairie (WI).....	210	76.6	12.99	0.34	-	-	-	-	21	433.3	4.35	99	-	1
Port Washington (WI).....	17	126.8	33.18	1.47	-	-	-	-	1	485.8	4.91	100	-	*
Presque Isle (MI).....	200	123.9	25.32	0.38	*	698.8	40.99	0.32	-	-	-	100	*	-
Valley (WI).....	50	162.1	39.01	0.53	-	-	-	-	4	407.9	4.12	100	-	*
Wisconsin Power & Light Co.....	684	116.1	20.03	0.36	7	634.9	37.33	-	7	424.2	4.24	100	-	-
Blackhawk (WI).....	-	-	-	-	-	-	-	-	7	424.2	4.24	-	-	100
Columbia (WI).....	388	117.2	19.93	0.39	3	678.1	39.87	-	-	-	-	100	*	-
Edgewater (WI).....	242	113.6	19.72	0.32	2	644.0	37.87	-	-	-	-	100	*	-
Nelson Dewey (WI).....	54	119.3	22.15	0.29	-	-	-	-	-	-	-	100	-	-
Rock River (WI).....	-	-	-	-	2	557.6	32.79	-	-	-	-	-	100	-
Wisconsin Public Service Corp.....	309	103.1	18.18	0.27	-	-	-	-	88	407.1	4.08	98	-	2
Pulliam (WI).....	120	99.7	17.72	0.24	-	-	-	-	32	407.1	4.08	99	-	1
Weston (WI).....	189	105.3	18.47	0.29	-	-	-	-	56	407.1	4.08	98	-	2
Wyandotte Municipal Serv Comm.....	-	-	-	-	-	-	-	-	1	601.0	6.01	-	-	100
Wyandotte (MI).....	-	-	-	-	-	-	-	-	1	601.0	6.01	-	-	100
U.S. Total.....	58,245	123.0	25.09	0.86	3,955	385.4	24.61	0.94	165,108	367.6	3.76	86	2	12

¹ The September 2002 petroleum coke receipts were 233,810 short tons and cost was 68.9 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 State 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 October 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
Total	333,408	29,235	396,989	223,843	17,772	10,994	66,964	1,079,205
Year to Date								
2002	333,408	29,235	396,989	223,843	17,772	10,994	66,964	1,079,205
2001	297,171	44,131	326,191	191,202	15,709	11,401	61,784	947,588

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 October 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
Total	982,697	333,408	29,235	396,989	223,843	-778
Year to Date						
2002	982,697	333,408	29,235	396,989	223,843	-778
2001	857,753	297,171	44,131	326,191	191,202	-941

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 October 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
Total	96,508	18,550	10,994	59,062	7,222	-	680
Year to Date							
2002	96,508	18,550	10,994	59,062	7,222	-	680
2001	89,835	16,650	11,401	56,113	4,923	-	749

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	October 2002	September 2002	October 2001	Year to Date		
				2002	2001	Difference (percent)
New England	8,434	8,959	8,225	87,414	79,633	9.8
Middle Atlantic	26,314	28,616	24,570	275,136	264,383	4.1
East North Central	17,171	18,302	14,832	169,777	155,117	9.5
West North Central	673	1,014	645	8,235	6,235	32.1
South Atlantic	12,073	12,803	11,882	123,305	124,618	-1.1
East South Central	2,249	2,716	2,207	26,542	23,217	14.3
West South Central	21,974	25,305	12,428	234,841	126,619	85.5
Mountain	4,519	4,296	3,834	36,732	31,868	15.3
Pacific Contiguous	11,200	12,549	12,126	112,929	131,242	-14.0
Pacific Noncontiguous	465	471	480	4,294	4,656	-7.8
U.S. Total	105,072	115,031	91,229	1,079,205	947,588	13.9

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	October 2002	September 2002	October 2001	Year to Date				
				Coal Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	1,242	1,153	1,148	12,329	12,467	-1.1	14.1	15.7
Middle Atlantic.....	11,216	11,088	9,953	104,382	110,148	-5.2	37.9	41.7
East North Central	6,920	7,408	4,687	62,636	52,272	19.8	36.9	33.7
West North Central	NM	NM	NM	3,080	2,648	16.3	37.4	42.5
South Atlantic	6,165	6,783	6,384	66,018	68,227	-3.2	53.5	54.7
East South Central	1,030	1,091	1,101	11,215	11,687	-4.0	42.3	50.3
West South Central.....	5,102	5,396	1,146	51,695	14,039	268.2	22.0	11.1
Mountain	1,494	1,534	1,726	12,130	14,898	-18.6	33.0	46.8
Pacific Contiguous.....	1,250	1,181	880	8,382	9,238	-9.3	7.4	7.0
Pacific Noncontiguous.....	NM	NM	NM	1,541	1,546	-0.3	35.9	33.2
U.S. Total.....	34,872	36,099	27,441	333,408	297,171	12.2	30.9	31.4

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. • 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	October 2002	September 2002	October 2001	Year to Date				
				Petroleum Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	960	935	667	8,661	14,099	-38.6	9.9	17.7
Middle Atlantic	423	446	419	6,179	11,380	-45.7	2.2	4.3
East North Central	NM	NM	NM	902	2,097	-57.0	0.5	1.4
West North Central	NM	NM	NM	37	81	-55.1	0.4	1.3
South Atlantic	706	NM	574	5,903	8,200	-28.0	4.8	6.6
East South Central	NM	NM	NM	198	282	-29.8	0.7	1.2
West South Central	NM	259	NM	3,204	2,849	12.5	1.4	2.2
Mountain	NM	NM	NM	590	510	15.6	1.6	1.6
Pacific Contiguous	NM	NM	NM	2,409	2,916	-17.4	2.1	2.2
Pacific Noncontiguous	NM	146	NM	1,152	1,715	-32.8	26.8	36.8
U.S. Total	2,881	2,526	2,360	29,235	44,131	-33.8	2.7	4.7

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

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • 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	October 2002	September 2002	October 2001	Year to Date				
				Gas Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	3,399	4,217	3,503	35,415	27,079	30.8	40.5	34.0
Middle Atlantic	4,076	5,526	4,816	47,310	43,576	8.6	17.2	16.5
East North Central	2,157	2,748	2,009	26,871	18,620	44.3	15.8	12.0
West North Central	NM	NM	NM	2,161	1,155	87.1	26.2	18.5
South Atlantic	2,161	2,809	1,913	23,416	18,773	24.7	19.0	15.1
East South Central	NM	NM	NM	8,226	5,467	50.5	31.0	23.5
West South Central	14,722	17,191	10,226	156,366	101,960	53.4	66.6	80.5
Mountain	2,604	2,278	1,664	18,624	11,639	60.0	50.7	36.5
Pacific Contiguous	7,560	9,007	8,976	77,735	97,260	-20.1	68.8	74.1
Pacific Noncontiguous	NM	NM	74	865	661	30.8	20.1	14.2
U.S. Total	37,440	45,001	33,755	396,989	326,191	21.7	36.8	34.4

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. • 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	October 2002	September 2002	October 2001	Year to Date				
				Hydroelectric Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	257	278	NM	4,344	3,976	9.3	5.0	5.0
Middle Atlantic.....	289	226	226	4,074	4,124	-1.2	1.5	1.6
East North Central	NM	NM	NM	387	323	19.9	0.2	0.2
West North Central.....	NM	NM	NM	321	265	21.0	3.9	4.3
South Atlantic.....	272	111	107	2,686	2,460	9.2	2.2	2.0
East South Central.....	74	51	47	457	305	49.7	1.7	1.3
West South Central.....	60	29	30	815	616	32.3	0.3	0.5
Mountain.....	201	255	185	3,321	2,680	23.9	9.0	8.4
Pacific Contiguous.....	NM	NM	NM	1,281	917	39.7	1.1	0.7
Pacific Noncontiguous.....	NM	NM	NM	86	41	108.6	2.0	0.9
U.S. Total.....	1,254	1,067	855	17,772	15,709	13.1	1.6	1.7

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

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • 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	October 2002	September 2002	October 2001	Year to Date				
				Nuclear Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	1,842	1,562	1,989	17,823	14,169	25.8	20.4	17.8
Middle Atlantic.....	9,756	10,718	8,514	107,136	89,031	20.3	38.9	33.7
East North Central	7,553	7,616	7,557	74,875	76,877	-2.6	44.1	49.6
West North Central.....	-	-	-	-	-	-	-	-
South Atlantic.....	1,271	1,211	1,223	9,756	11,125	-12.3	7.9	8.9
East South Central.....	-	-	-	-	-	-	-	-
West South Central.....	838	1,515	-	14,253	-	-	6.1	-
Mountain.....	-	-	-	-	-	-	-	-
Pacific Contiguous.....	-	-	-	-	-	-	-	-
Pacific Noncontiguous.....	-	-	-	-	-	-	-	-
U.S. Total.....	21,260	22,622	19,284	223,843	191,202	17.1	20.7	20.2

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	October 2002	September 2002	October 2001	Year to Date				
				Other Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	735	NM	750	8,843	7,841	12.8	10.1	9.8
Middle Atlantic	554	NM	642	6,055	6,123	-1.1	2.2	2.3
East North Central	NM	NM	485	4,106	4,928	-16.7	2.4	3.2
West North Central	216	NM	235	2,637	2,086	26.4	32.0	33.5
South Atlantic	1,497	1,470	1,682	15,526	15,833	-1.9	12.6	12.7
East South Central	595	649	594	6,445	5,476	17.7	24.3	23.6
West South Central	1,015	916	829	8,507	7,155	18.9	3.6	5.7
Mountain	NM	NM	205	2,067	2,140	-3.4	5.6	6.7
Pacific Contiguous	2,117	2,099	2,038	23,123	20,911	10.6	20.5	15.9
Pacific Noncontiguous	NM	56	77	650	692	-6.1	15.1	14.9
U.S. Total	7,366	7,715	7,536	77,958	73,185	6.5	7.2	7.7

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

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • 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 October 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
Total	NA	NA	NA	171,505	NA	NA	39,469	3,118	3,918,020
Year to Date									
2002	NA	NA	NA	171,505	NA	NA	39,469	3,118	3,918,020
2001	NA	NA	NA	147,233	NA	NA	72,380	2,853	3,605,242

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	October 2002	September 2002	October 2001	Year to Date		
				2002	2001	Difference (percent)
New England	497	NM	473	4,806	5,172	-7.1
Middle Atlantic	5,001	4,879	4,558	45,359	48,823	-7.1
East North Central	4,019	4,301	2,778	35,685	30,396	17.4
West North Central	NM	NM	NM	2,348	2,220	5.8
South Atlantic	2,682	2,829	2,695	27,820	29,292	-5.0
East South Central	484	510	547	5,378	5,655	-4.9
West South Central	2,764	2,918	791	36,108	9,426	283.1
Mountain	954	962	1,080	7,885	9,549	-17.4
Pacific Contiguous	801	701	571	5,236	5,820	-10.0
Pacific Noncontiguous	NM	NM	NM	880	880	*
U.S. Total	17,550	17,515	13,811	171,505	147,233	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 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	October 2002	September 2002	October 2001	Year to Date		
				2002	2001	Difference (percent)
New England	1,633	1,213	1,156	13,677	23,978	-43.0
Middle Atlantic	756	778	NM	10,572	20,809	-49.2
East North Central	NM	NM	NM	1,157	3,732	-69.0
West North Central	NM	NM	NM	96	190	-49.4
South Atlantic	1,152	NM	1,001	9,105	14,947	-39.1
East South Central	NM	NM	NM	606	1,036	-41.5
West South Central	NM	NM	NM	1,169	1,525	-23.3
Mountain	NM	NM	NM	134	382	-64.8
Pacific Contiguous	NM	NM	NM	994	3,024	-67.1
Pacific Noncontiguous	294	261	NM	1,959	2,758	-29.0
U.S. Total	4,206	3,208	3,434	39,469	72,380	-45.5

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. • 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	October 2002	September 2002	October 2001	Year to Date		
				2002	2001	Difference (percent)
New England	25,516	29,405	29,856	270,172	229,351	17.8
Middle Atlantic	41,356	49,182	49,214	460,706	436,371	5.6
East North Central	NM	NM	44,621	480,758	437,706	9.8
West North Central	NM	NM	NM	24,598	20,478	20.1
South Atlantic	26,846	30,401	22,534	281,651	224,133	25.7
East South Central	NM	NM	NM	91,364	85,211	7.2
West South Central	144,329	154,703	106,041	1,483,308	1,074,456	38.1
Mountain	17,948	NM	14,630	159,155	118,936	33.8
Pacific Contiguous	71,340	70,807	90,735	657,923	970,634	-32.2
Pacific Noncontiguous	NM	NM	901	8,386	7,966	5.3
U.S. Total	382,342	408,798	367,636	3,918,020	3,605,242	8.7

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

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

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

Fossil-Fuel Stocks at U.S. Electric Nonutilities

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

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	October 2002	September 2002	October 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	1,322	344	868	284.1	52.3
Middle Atlantic	10,399	12,279	11,120	-15.3	-6.5
East North Central	5,728	5,062	5,408	13.2	5.9
West North Central	236	204	210	15.7	12.8
South Atlantic	4,325	3,812	3,230	13.5	33.9
East South Central	2,126	2,010	894	5.8	137.7
West South Central	5,938	5,186	1,750	14.5	239.2
Mountain	5,446	5,444	5,681	*	-4.1
Pacific Contiguous	1,318	1,338	1,256	-1.5	5.0
Pacific Noncontiguous	25	96	170	-73.5	-85.1
U.S. Total	36,864	35,774	30,588	3.0	20.5

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

Notes: • 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	October 2002	September 2002	October 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	2,999	2,044	4,337	46.7	-30.8
Middle Atlantic	5,486	5,219	8,131	5.1	-32.5
East North Central	1,776	1,786	1,513	-0.5	17.4
West North Central	13	35	7	-63.5	73.5
South Atlantic	4,010	3,696	4,205	8.5	-4.7
East South Central	135	124	50	9.1	171.1
West South Central	786	1,005	198	-21.8	296.3
Mountain	26	92	37	-71.6	-29.9
Pacific Contiguous	849	837	1,546	1.5	-45.1
Pacific Noncontiguous	75	83	73	-9.7	3.9
U.S. Total	16,156	14,920	20,098	8.3	-19.6

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, October 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	13,584	-	-	-	-	-	18	-	-
Decatur Plant Cogen (IL)	13,584	-	-	-	-	-	18	-	-
Abitibi Consolidated Sale Corp	6,262	759	13,348	-	-	-	8	3	308
Abitibi Consolidated Snowflake Division	6,262	759	13,348	-	-	-	8	3	308
ACE Cogeneration Co	70,397	2,674	108	-	-	-	38	1	1
ACE Cogen (CA)	70,397	2,674	108	-	-	-	38	1	1
Adirondack Resource Recy Assoc	-	-	-	-	-	-	-	-	0
Adirondack Resource Recovery (NY)	-	-	-	-	-	-	-	-	0
AE Connectiv	-	288	4,955	-	-	-	-	1	71
Carl Corner (NJ)	-	11	1,610	-	-	-	-	0	26
Cedar (NJ)	-	114	-	-	-	-	-	1	-
Cumberland (NJ)	-	-	-	-	-	-	-	-	-
Mickleton (NJ)	-	-	726	-	-	-	-	-	12
Middle (NJ)	-	33	-	-	-	-	-	0	-
Missouri Av. (NJ)	-	130	-	-	-	-	-	0	-
Sherman Ave (NJ)	-	-	2,619	-	-	-	-	-	34
Aera Energy LLC-Coalinga	-	-	33,196	-	-	-	-	-	335
South Belridge Cogen (CA)	-	-	33,196	-	-	-	-	-	335
AES Cayuga LLC	191,448	278	-	-	-	-	73	0	-
AES Cayuga (NY)	191,448	278	-	-	-	-	73	0	-
AES Corp	367,935	79,142	614	-	-	-	182	31	7
AES BV Partners Beaver Valley (PA)	-	-	91,750	-	-	-	48	-	-
AES Deepwater Inc (TX)	-	79,142	-	-	-	-	-	30	-
AES Hawaii Inc (HI)	100,910	-	-	-	-	-	45	0	-
AES Placerita Inc (CA)	-	-	614	-	-	-	-	-	7
AES Shady Point Inc (OK)	175,275	-	-	-	-	-	88	-	-
AES Thames Inc (CT)	-	-	-	-	-	-	-	-	-
AES Greenridge LLC	93,690	102	-	-	-	1,455	40	0	-
AES Greenridge (NY)	93,690	102	-	-	-	1,455	40	0	-
AES Ironwood Inc	-	-	-	-	-	-	-	-	-
AES Ironwood (PA)	-	-	-	-	-	-	-	-	-
AES Red Oak LLC	-	-	17,296	-	-	-	-	-	126
AES Red Oak LLC Sayreville NJ (NJ)	-	-	17,296	-	-	-	-	-	126
AES Somerset LLC	484,012	306	-	-	-	-	175	0	-
AES Somerset LLC (NY)	484,012	306	-	-	-	-	175	0	-
AES Southland LLC-Alamitos	-	-	368,653	-	-	-	-	-	3,992
AES Alamitos LLC (CA)	-	-	368,653	-	-	-	-	-	3,992
AES Southland LLC-Huntington	-	-	174,609	-	-	-	-	-	1,754
AES Huntington Beach LLC (CA)	-	-	174,609	-	-	-	-	-	1,754
AES Southland LLC-Redondo	-	-	1,106	-	-	-	-	-	23
AES Redondo Beach LLC (CA)	-	-	1,106	-	-	-	-	-	23
AES Westover LLC	78,392	155	-	-	-	-	36	0	-
AES Westover (NY)	78,392	155	-	-	-	-	36	0	-
AES WR Ltd Partnership	133,434	-	-	-	-	-	61	-	-
AES Warrior Run Cogen (MD)	133,434	-	-	-	-	-	61	-	-
Ag Energy LP	-	-	-	-	-	-	-	-	-
AG Energy LP (NY)	-	-	-	-	-	-	-	-	-
Ag Processing Inc	3,825	-	-	-	-	-	8	-	-
AG Processing Inc (IA)	3,825	-	-	-	-	-	8	-	-
Agrilectric Power Partners Ltd	-	-	148	-	-	4,443	-	-	2

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Agrilectric Power Partners Ltd (LA).....	-	-	148	-	-	4,443	-	-	2
Air Liquide America Corp	-	-	165,886	-	-	-	-	-	2,071
Bayou Cogen (TX)	-	-	149,620	-	-	-	-	-	1,856
Pt Neches Plant (TX).....	-	-	16,266	-	-	-	-	-	215
Alabama Pine Pulp Co Inc	-	794	-	-	-	38,844	-	5	-
Alabama Pine Pulp Co Inc (AL)	-	794	-	-	-	38,844	-	5	-
Alabama River Pulp Co Inc	-	1,390	-	-	-	8,670	-	9	-
Alabama River Pulp Co (AL).....	-	1,390	-	-	-	8,670	-	9	-
Albuquerque City of	-	-	-	-	-	1,599	-	-	-
Southside Water Reclamation (NM)	-	-	-	-	-	1,599	-	-	-
Alcoa Inc	256,423	-	-	-	-	-	211	-	-
Sandow (TX)	256,423	-	-	-	-	-	211	-	-
Alcoa World Alumina LLC	-	-	28,612	-	-	-	-	-	966
Pt Comfort Operations (TX).....	-	-	28,612	-	-	-	-	-	966
Aliso Water Management Agency	-	-	-	-	-	-	-	-	-
Aliso Water Management Agency (CA).....	-	-	-	-	-	-	-	-	-
Allegheny Energy Unit 1&2 LLC	3,583,856	1,142	22,215	7,148	-	-	1,443	2	226
Allegheny Energy Unit 1&2 (PA).....	-	-	4,686	-	-	-	-	-	52
Allegheny Energy Unit 8&9 (PA).....	-	-	3,494	-	-	-	-	-	38
Armstrong (PA).....	213,677	128	-	-	-	-	84	0	-
Buchanan Generating Facility Units 1& 2	-	-	1,458	-	-	-	-	-	15
Chambersburg Unit 12 & 13 (PA).....	-	-	7,642	-	-	-	-	-	72
F Martin JO (WV)	748,662	190	-	-	-	-	289	0	-
Gleason (TN).....	-	-	-	-	-	-	-	-	0
Harrison (WV).....	982,625	165	1,901	-	-	-	398	0	19
Hatfield (PA)	820,427	319	-	-	-	-	332	1	-
Lake Lynn (WV)	-	-	-	7,148	-	-	-	-	-
Lincoln Energy Center (IL)	-	-	-	-	-	-	-	-	-
Mitchell (PA).....	130,522	-	213	-	-	-	55	-	2
Pleasants (WV).....	632,593	-	2,821	-	-	-	257	-	28
R Paul Smith (MD).....	55,350	340	-	-	-	-	27	1	-
Wheatland (IN).....	-	-	-	-	-	-	-	-	0
Alliant Energy Integ Ser-Cogen	-	105	868	-	-	-	-	0	11
Alliant SBD 8501 Aeogon UDA (IA).....	-	2	-	-	-	-	-	0	-
Alliant SBD 8601 ACG (IA).....	-	47	-	-	-	-	-	0	-
Alliant SBD 8602 Marion Sub (IA)	-	4	-	-	-	-	-	0	-
Alliant SBD 9106 Rockwell CR (IA).....	-	10	-	-	-	-	-	0	-
Alliant SBD 9107 Swift (IA).....	-	11	-	-	-	-	-	0	-
Alliant SBD 9201 Norplex (IA)	-	1	-	-	-	-	-	0	-
Alliant SBD 9203 Profol (IA)	-	6	-	-	-	-	-	0	-
Alliant SBD 9205 A Y Mc Donald (IA)	-	5	-	-	-	-	-	0	-
Alliant SBD 9206 Donaldson (IA).....	-	3	-	-	-	-	-	0	-
Alliant SBD 9301 Swiss (IA).....	-	2	-	-	-	-	-	0	-
Alliant SBD 9302 Aegon NP (IA).....	-	1	-	-	-	-	-	0	-
Alliant SBD 9402 Climax (IA).....	-	6	-	-	-	-	-	0	-
Alliant SBD 9403 Aegon DC (IA).....	-	1	-	-	-	-	-	0	-
Alliant SBD 9502 Eaton (IA).....	-	5	-	-	-	-	-	0	-
Alliant SBD 9702 Cedar Graphics (IA)	-	1	-	-	-	-	-	0	-
Alliant SBG-9805 Rockford Products (IL)	-	-	868	-	-	-	-	-	11
Altamont-Midway Ltd	-	-	-	-	-	1,152	-	-	-
Altamont Midway Ltd (CA).....	-	-	-	-	-	1,152	-	-	-
Amalgamated Sugar Co LLC	2,929	-	-	-	-	-	8	-	-
Amalgamated Sugar Nyssa (OR)	2,929	-	-	-	-	-	8	-	-
AmerGen	-	-	-	-	760,914	-	-	-	-
Clinton (IL).....	-	-	-	-	760,914	-	-	-	-
AmerGen Energy Co LLC	-	-	-	-	619,838	-	-	-	-
3 Mile Island (PA).....	-	-	-	-	619,838	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
AmerGen Energy LLC.....	-	-	-	-	94,125	-	-	-	-
Oyster Creek (NJ).....	-	-	-	-	94,125	-	-	-	-
American Atlas #1 Ltd.....	-	-	12,655	-	-	-	-	-	132
American Atlas 1 Cogen (CO).....	-	-	12,655	-	-	-	-	-	132
American Bituminous Power LP.....	45,769	-	-	-	-	-	39	-	-
Grant Town (WV).....	45,769	-	-	-	-	-	39	-	-
American Crystal Sugar Co.....	11,565	-	-	-	-	-	25	-	-
ACS Drayton (ND).....	2,658	-	-	-	-	-	11	-	-
ACS Hillsboro (ND).....	8,907	-	-	-	-	-	14	-	-
American Electric Power Co Inc.....	341,015	444	266,390	2,923	-	-	170	1	3,501
ABILENE (TX).....	-	-	-	-	-	-	-	-	-
B M DAVIS (TX).....	-	-	97,662	-	-	-	-	-	1,034
COLETO CRK (TX).....	341,015	444	-	-	-	-	170	1	-
E S JOSLIN (TX).....	-	-	-	-	-	-	-	-	-
EAGLE PASS (TX).....	-	-	-	2,923	-	-	-	-	-
FORT PHANTM (TX).....	-	-	22,399	-	-	-	-	-	253
FT STOCKTON (TX).....	-	-	-	-	-	-	-	-	-
J L BATES (TX).....	-	-	26,813	-	-	-	-	-	336
LA PALMA (TX).....	-	-	66,024	-	-	-	-	-	689
LAREDO (TX).....	-	-	53,492	-	-	-	-	-	603
LKE PAULINE (TX).....	-	-	-	-	-	-	-	-	-
LON C HILL (TX).....	-	-	-	-	-	-	-	-	189
NUECES BAY (TX).....	-	-	-	-	-	-	-	-	398
OAK CREEK (TX).....	-	-	-	-	-	-	-	-	-
OKLAUNION (TX).....	-	-	-	-	-	-	-	-	-
PAINT CREEK (TX).....	-	-	-	-	-	-	-	-	-
PRESIDIO (TX).....	-	-	-	-	-	-	-	-	-
RIO PECOS (TX).....	-	-	-	-	-	-	-	-	-
SAN ANGELO (TX).....	-	-	-	-	-	-	-	-	-
VERNON (TX).....	-	-	-	-	-	-	-	-	-
VICTORIA (TX).....	-	-	-	-	-	-	-	-	-
American Ref-Fuel Co.....	-	-	-	-	-	-	-	1	-
American RefFuel Co of Hempstead (NY).....	-	-	-	-	-	-	-	1	-
American Ref-Fuel Co of Essex.....	-	-	-	-	-	-	-	-	-
American RefFuel Co of Essex County (NJ).....	-	-	-	-	-	-	-	-	-
American Ref-Fuel Co of SE CT.....	-	-	-	-	-	-	-	-	-
American RefFuel Co of SE CT (CT).....	-	-	-	-	-	-	-	-	-
American Ref-Fuel Co-Niagara.....	-	-	821	-	-	1,666	-	-	22
American RefFuel Co of Niagara LP (NY).....	-	-	821	-	-	1,666	-	-	22
Amoco Corp.....	-	-	24,410	-	-	-	-	-	479
Chocolate Bayou Works (TX).....	-	-	24,410	-	-	-	-	-	479
Amoco Production Co.....	-	-	25,332	-	-	-	-	-	346
Anschutz Ranch East (WY).....	-	-	25,332	-	-	-	-	-	346
Androscoggin Energy LLC.....	-	-	73,968	-	-	-	-	-	1,047
Androscoggin Cogen (ME).....	-	-	73,968	-	-	-	-	-	1,047
Anheuser-Busch Inc.....	7,320	-	8,036	-	-	1,831	11	-	166
Anheuser Busch Inc Newark Brew (NJ).....	-	-	6,904	-	-	1,229	-	-	124
Anheuser Busch Inc St Louis Brew (MO).....	7,320	-	1,132	-	-	602	11	-	43
ANP Blackstone Energy Co.....	-	-	140,985	-	-	-	-	-	9,976
Blackstone (MA).....	-	-	140,985	-	-	-	-	-	9,976
Applied Energy Inc.....	-	-	82,254	-	-	-	-	-	841
Naval Station Energy (CA).....	-	-	18,608	-	-	-	-	-	192
Naval Station Energy Facility (CA).....	-	-	20,044	-	-	-	-	-	204
			34,602						355

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Arabian Exploration Dev Co Inc	-	-	1,058	-	-	-	-	-	13
MEP Flora Power LLC (IL)	-	-	1,058	-	-	-	-	-	13
Archer Daniels Midland Co.....	177,775	-	18,917	-	-	1,010	261	-	306
Cedar Rapids (IA).....	59,302	-	-	-	-	-	94	-	-
Decatur (IL).....	109,333	-	-	-	-	1,010	146	-	-
Enderlin (ND).....	-	-	-	-	-	-	-	-	-
Lincoln (NE).....	2,641	-	-	-	-	-	6	-	-
Peoria (IL).....	6,499	-	18,917	-	-	-	15	-	306
Southport (NC).....	-	-	-	-	-	-	-	-	-
ARCO Products Co-Watson.....	-	-	267,734	-	-	-	-	-	3,135
Watson Cogen (CA).....	-	-	267,734	-	-	-	-	-	3,135
ARCO Western Energy.....	-	-	29,759	-	-	-	-	-	317
Berry Placerita Cogen (CA).....	-	-	29,759	-	-	-	-	-	317
Oxford Cogen (CA).....	-	-	-	-	-	-	-	-	-
Arthur Kill Power LLC.....	-	-	110,638	-	-	-	-	-	1,248
Arthur Kill (NY).....	-	-	110,638	-	-	-	-	-	1,248
Astoria Gas Turbines Power LLC.....	-	574	14,783	-	-	-	-	2	212
Astoria Gas (NY).....	-	574	14,783	-	-	-	-	2	212
Athens Regional Medical Center.....	-	-	-	-	-	-	-	-	-
Athens Regional Medical Center (GA).....	-	-	-	-	-	-	-	-	-
Auburndale Power Partners LP.....	-	-	32,463	-	-	-	-	-	260
Auburndale Power Partners LP (FL).....	-	-	32,463	-	-	-	-	-	260
Baconton Power LLC.....	-	-	6,995	-	-	-	-	-	65
Baconton Power (GA).....	-	-	5,772	-	-	-	-	-	54
Sowega Power LLC. (GA).....	-	-	1,223	-	-	-	-	-	11
Badger Creek Ltd.....	-	-	24,496	-	-	-	-	-	224
Badger Creek Cogen (CA).....	-	-	24,496	-	-	-	-	-	224
BAF Energy Inc.....	-	-	91,038	-	-	-	-	-	699
King City (CA).....	-	-	91,038	-	-	-	-	-	699
BASF Corp.....	-	-	53,444	-	-	-	-	-	744
Freeport (TX).....	-	-	-	-	-	-	-	-	-
Geismar (LA).....	-	-	53,444	-	-	-	-	-	744
BASF Fina Petrochemicals Ltd.....	-	-	49,553	-	-	-	-	-	678
NROC Cogen (TX).....	-	-	49,553	-	-	-	-	-	678
Bassett Furniture Industl Inc.....	-	-	-	-	-	147	-	-	-
J D Bassett Manufacturing Co (VA).....	-	-	-	-	-	147	-	-	-
Bayou Cove Peaking Power LLC.....	-	-	2,860	-	-	-	-	-	34
Bayou Cove Peaking Power (LA).....	-	-	2,860	-	-	-	-	-	34
Bayshore Group.....	-	-	6,430	-	-	-	-	-	50
Bayswater Peaking Facility (NY).....	-	-	6,430	-	-	-	-	-	50
Bear Mountain Ltd.....	-	-	-	-	-	-	-	-	-
Bear Mountain Cogen (CA).....	-	-	-	-	-	-	-	-	-
Bethlehem Steel Corp.....	-	1,232	123,603	-	-	-	-	4	17,646
Burns Harbor (IN).....	-	-	73,990	-	-	-	-	-	6,182
Sparrows Point (MD).....	-	1,232	49,613	-	-	-	-	4	11,464
Bettles Telephone Inc.....	-	-	-	-	-	-	-	-	-
Big Cajun 1 Peakers (LA).....	-	-	-	-	-	-	-	-	-
Big Rivers Electric Corp.....	802,616	1,433	3,312	-	-	-	375	3	40
D B Wilson (KY).....	85,120	-	-	-	-	-	42	-	-
Henderson 2 (KY).....	136,080	-	-	-	-	-	60	-	-
K C Coleman (KY).....	233,351	-	3,312	-	-	-	114	-	40

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
R A Reid (KY).....	29,399	1,433	-	-	-	-	13	3	-
R D Green (KY)	318,666	-	-	-	-	-	145	-	-
Big Sandy Peaker Plant LLC	-	-	-	-	-	-	-	-	5
Big Sandy Peaker (WV)	-	-	-	-	-	-	-	-	5
Bio-Energy Corp	-	-	-	-	-	-	-	-	-
Bio Energy Corp (NH)	-	-	-	-	-	-	-	-	-
Bio-Energy Partners	-	-	-	-	-	-	-	-	-
CSL Gas Recovery (FL).....	-	-	-	-	-	-	-	-	-
Biomass One LP	-	-	-	-	-	18,204	-	-	-
Biomass One LP (OR).....	-	-	-	-	-	18,204	-	-	-
Birchwood Power Partners LP	113,762	-	-	-	-	-	46	-	-
Mirant Birchwood (VA).....	113,762	-	-	-	-	-	46	-	-
Black Hills Colorado LLC	-	-	3,072	-	-	-	-	-	36
Valmont Combustion Turbine Project (CO)	-	-	3,072	-	-	-	-	-	36
Black Hills Energy Capital Inc	-	-	19,103	-	-	-	-	-	199
BHG Gas Turbine #2 (WY)	-	-	19,103	-	-	-	-	-	199
Black River Ltd Partnership	37,382	-	-	-	-	-	13	4	-
Black River Power LLC (NY).....	37,382	-	-	-	-	-	13	4	-
Blandin Paper Co	-	-	-	-	-	11,192	3	-	108
Blandin Energy Center (MN).....	-	-	-	-	-	11,192	3	-	108
Blue Ridge Paper Products Inc	12,125	147	-	-	-	14,306	31	1	-
Canton North Carolina (NC)	12,125	147	-	-	-	14,306	31	1	-
Bluegrass Generation Co LLC	-	-	-	-	-	-	-	-	-
Bluegrass Generation Co LLC (KY).....	-	-	-	-	-	-	-	-	-
Boise Cascade Corp	-	-	17,185	-	-	10,648	-	-	711
Boise Cascade International (MN).....	-	-	6,590	-	-	10,648	-	-	357
Boise Cascade Pulp&Paper Mill J (AL).....	-	-	10,595	-	-	-	-	-	354
Boise Cascade Corp-DeRiddle	-	-	-	-	-	40,110	-	-	404
DeRidder Mill (LA).....	-	-	-	-	-	40,110	-	-	404
Boise-Kuna Irrigation District	-	-	-	3,606	-	-	-	-	-
Lucky Peak (ID)	-	-	-	3,606	-	-	-	-	-
Boralex Stratton Energy Inc	-	-	-	-	-	25,338	-	-	-
Boralex Stratton Energy Inc (ME)	-	-	-	-	-	25,338	-	-	-
Borden Chemical Co	-	-	-	-	-	-	-	-	-
Borden Chemicals Plastics Cogen (LA).....	-	-	-	-	-	-	-	-	-
Borger Energy Associates LP	-	-	107,242	-	-	-	-	-	1,484
Black Hawk (TX)	-	-	107,242	-	-	-	-	-	1,484
Bowater Newsprint Calhoun	47,797	-	-	-	-	-	15	-	63
Bowater Newsprint Calhoun Op (TN)	47,797	-	-	-	-	-	15	-	63
BP Amoco Alliance Refinery	-	-	2,995	-	-	-	-	-	33
Alliance Refinery (LA).....	-	-	2,995	-	-	-	-	-	33
BP Amoco PLC	-	-	159,439	-	-	-	-	-	2,945
Power Station 3 (TX).....	-	-	42,923	-	-	-	-	-	1,182
Power Station 4 (TX).....	-	-	116,516	-	-	-	-	-	1,763
BP PLC	-	-	-	-	-	-	-	45	-
Whiting Refinery (IN).....	-	-	-	-	-	-	-	45	-
Bridgeport Energy LLC	-	-	184,688	-	-	-	-	-	1,317
Bridgeport Energy (CT).....	-	-	184,688	-	-	-	-	-	1,317

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Bridgewater Power Co LP	-	-	-	-	-	10,880	-	-	-
Bridgewater Power Co LP (NH).....	-	-	-	-	-	10,880	-	-	-
Broad River Energy LLC	-	-	22,707	-	-	-	-	-	244
Broad River Energy Center (SC).....	-	-	22,707	-	-	-	-	-	244
Brooklyn Navy Yard Cogen PLP	-	-	95,332	-	-	-	-	-	895
Brooklyn Navy Yard Cogen (NY).....	-	-	95,332	-	-	-	-	-	895
Brownsville Power I LLC	-	-	-	-	-	-	-	-	-
Brownsville Peaking (TN).....	-	-	-	-	-	-	-	-	-
Caledonia (MS).....	-	-	-	-	-	-	-	-	-
Brush Cogeneration Partners	-	-	14,174	-	-	-	-	-	143
Brush Cogen Project Phase 2 BCP (CO).....	-	-	14,174	-	-	-	-	-	143
Buckeye Florida Ltd Partners	-	1,099	2,356	-	-	24,813	-	10	122
Buckeye Florida LP (FL).....	-	1,099	2,356	-	-	24,813	-	10	122
Bucksport Energy&Internt Paper	-	293	120,890	-	-	-	-	1	1,162
Champion Clean Energy (ME).....	-	293	120,890	-	-	-	-	1	1,162
Burney Forest Products	-	-	823	-	-	20,227	-	-	9
Burney Forest Products (CA).....	-	-	823	-	-	20,227	-	-	9
Burney Mountain Power	-	-	-	-	-	6,795	-	-	-
Burney Mountain (CA).....	-	-	-	-	-	6,795	-	-	-
Cadillac Renewable Energy LLC	-	-	-	-	-	13,651	-	-	-
Cadillac Renewable Energy (MI).....	-	-	-	-	-	13,651	-	-	-
Calasieu Power LLC	-	-	-	-	-	-	-	-	-
Calcasieu (LA).....	-	-	-	-	-	-	-	-	-
Calaveras County Water Dist	-	-	-	17,223	-	-	-	-	-
Collieville (CA).....	-	-	-	17,223	-	-	-	-	-
Caledonia Power I LLC	-	-	-	-	-	-	-	-	-
Caledonia (MS).....	-	-	-	-	-	-	-	-	-
CalEnergy Co Inc	-	-	117,193	-	-	-	-	-	1,062
C R Wing Cogen (TX).....	-	-	117,193	-	-	-	-	-	1,062
CalPeak Power LLC	-	-	6,862	-	-	-	-	-	75
CalPeak Power Boder (CA).....	-	-	1,700	-	-	-	-	-	18
CalPeak Power El Cajon (CA).....	-	-	881	-	-	-	-	-	11
CalPeak Power Enterprise (CA).....	-	-	1,952	-	-	-	-	-	21
CalPeak Power Panoche (CA).....	-	-	1,300	-	-	-	-	-	14
CalPeak Power Vaca Dixon (CA).....	-	-	1,029	-	-	-	-	-	11
Calpine Construction F Corp LP	-	-	32,991	-	-	-	-	-	234
Calpine Solutia Decatur Cogeneration Facilit.....	-	-	32,991	-	-	-	-	-	234
Calpine Construction Fin Co LP	-	-	451,838	-	-	-	-	-	3,425
Baytown Energy Center LP (TX).....	-	-	343,349	-	-	-	-	-	2,670
Ontelaunee Energy Center (PA).....	-	-	108,489	-	-	-	-	-	755
Westbrook Energy Center (ME).....	-	-	-	-	-	-	-	-	-
Calpine Corp	-	-	11,534	-	-	113	-	-	112
Calpine King City Energy Center (CA).....	-	-	1,617	-	-	-	-	-	16
Gilroy Energy Center LLC (CA).....	-	-	5,666	-	-	-	-	-	57
Oneta Energy Center (OK).....	-	-	4,251	-	-	-	-	-	39
PWD Northwest (PA).....	-	-	-	-	-	113	-	-	-
PWD Southwest (CA).....	-	-	-	-	-	-	-	-	-
Calpine Corp & Gentex Pwr Corp	-	-	307,187	-	-	-	-	-	2,133
Lost Pines I (TX).....	-	-	307,187	-	-	-	-	-	2,133
Calpine Corp-Los Medanos	-	-	350,450	-	-	-	-	-	2,430

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Los Medanos Energy Center (CA).....	-	-	350,450	-	-	-	-	-	2,430
Calpine Corp-Magic Valley	-	-	202,921	-	-	-	-	-	1,381
Greenleaf Unit One (CA).....	-	-	-	-	-	-	-	-	-
Greenleaf Unit Two (CA).....	-	-	-	-	-	-	-	-	-
Magic Valley (TX).....	-	-	202,921	-	-	-	-	-	1,381
Calpine Corp-Sutter	-	-	331,336	-	-	-	-	-	2,343
Sutter Energy Center (CA).....	-	-	331,336	-	-	-	-	-	2,343
Calpine Corp-Texas City	-	-	-	-	-	-	-	-	-
Texas City Cogen (TX).....	-	-	-	-	-	-	-	-	-
Calpine Eastern Corp.	-	45	50,865	-	-	-	-	9	441
TBG Cogen (NY).....	-	45	50,865	-	-	-	-	9	441
Calpine Geysers Co LP	-	-	-	-	-	32,479	-	-	-
Bear Canyon (CA).....	-	-	-	-	-	12,398	-	-	-
West Ford Flat (CA).....	-	-	-	-	-	20,081	-	-	-
Calpine Geysers-Sonoma Power	-	-	-	-	-	492,541	-	-	-
Aidlin Geothermal (CA).....	-	-	-	-	-	12,414	-	-	-
Calistoga (CA).....	-	-	-	-	-	50,399	-	-	-
Calpine Geysers-Sonoma (CA).....	-	-	-	-	-	27,778	-	-	-
Geysers Unit 5-20 (CA).....	-	-	-	-	-	401,950	-	-	-
Calpine Gilroy Cogen LP	-	-	84,933	-	-	-	-	-	741
Calpine Gilroy Cogen LP (CA).....	-	-	84,933	-	-	-	-	-	741
Calpine Parlin Inc.	-	-	-	-	-	-	-	-	-
Calpine Parlin Inc (NJ).....	-	-	-	-	-	-	-	-	-
Calpine Pittsburg LLC	-	-	33,913	-	-	-	-	-	509
Calpine Pittsburg LLC (CA).....	-	-	33,913	-	-	-	-	-	509
CalWind Resources Inc.	-	-	-	-	-	1,496	-	-	-
Tehachapi Wind Resource II (CA).....	-	-	-	-	-	1,496	-	-	-
Cambria Cogen Co	55,288	-	-	-	-	-	47	-	-
Cambria Cogen (PA).....	55,288	-	-	-	-	-	47	-	-
Camden Cogen LP	-	-	6,758	-	-	-	-	-	61
Camden Cogen LP (NJ).....	-	-	6,758	-	-	-	-	-	61
Capital District Energy Center	-	-	-	-	-	-	-	-	-
Capital District Energy Center Cogen Assoc	-	-	-	-	-	-	-	-	-
Cardinal Cogen	-	-	35,765	-	-	-	-	-	378
Cardinal Cogen (CA).....	-	-	35,765	-	-	-	-	-	378
Cargill Fertilizer Inc.	-	-	-	-	-	-	-	-	-
Cargill Fertilizer Inc (FL).....	-	-	-	-	-	-	-	-	-
Cargill Fertilizer Inc Bartow (FL).....	-	-	-	-	-	-	-	-	-
Carr Street Generating Stat LP	-	-	305	-	-	-	-	-	0
Carr Street (NY).....	-	-	305	-	-	-	-	-	0
Carson Cogeneration Co	-	-	26,709	-	-	-	-	-	236
Carson Cogen Co (CA).....	-	-	26,709	-	-	-	-	-	236
Carthage Energy LLC	-	-	10,270	-	-	-	-	-	87
Carthage Energy LLC (NY).....	-	-	10,270	-	-	-	-	-	87
Casco Bay Energy Co LLC	-	-	325,635	-	-	-	-	-	1,999
Maine Independence (ME).....	-	-	325,635	-	-	-	-	-	1,999
CE Puna Ltd Partnership	-	-	-	-	-	3,745	-	-	-
Puna Geothermal Venture I (HI).....	-	-	-	-	-	3,745	-	-	-
Cedar Bay Cogeneration Co LP	137,041	838	-	-	-	-	77	2	-

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Cedar Bay Gen Co LP (FL).....	137,041	838	-	-	-	-	77	2	-
Celanese Engineering Resin Inc.....	-	-	22,426	-	-	-	-	-	296
Celanese Engineering Resin Inc (TX).....	-	-	22,426	-	-	-	-	-	296
Central & South West Engy Inc.....	-	-	1,330	-	-	-	-	-	15
Newgulf Cogen (TX).....	-	-	1,330	-	-	-	-	-	15
Central Louisiana Electric Co.....	-	-	35,519	-	-	-	-	-	275
Acadia Power Station (LA).....	-	-	35,519	-	-	-	-	-	275
Central Power & Lime Inc.....	73,706	-	-	-	-	-	33	-	-
Central Power&Lime Inc (FL).....	73,706	-	-	-	-	-	33	-	-
Central Wayne Energy Recvry LP.....	-	-	-	-	-	-	-	-	16
Central Wayne Air Quality Energy Recovery	-	-	-	-	-	-	-	-	16
CF Industries Inc.....	-	-	-	-	-	-	-	-	-
CFI Plant City Phosphate Complex (FL).....	-	-	-	-	-	-	-	-	-
CH Resources Inc.....	-	-	-	-	-	-	-	-	-
WPS Empire State - Beaver Falls (NY).....	-	-	-	-	-	-	-	-	-
Chalk Cliff Ltd.....	-	-	-	-	-	-	-	-	-
Chalk Cliff Cogen (CA).....	-	-	-	-	-	-	-	-	-
Chambers Cogeneration LP.....	153,787	195	-	-	-	-	89	0	-
Chambers Cogen LP (NJ).....	153,787	195	-	-	-	-	89	0	-
Champion International Corp.....	-	-	-	-	-	-	-	-	-
Buckport Mill (ME).....	-	-	-	-	-	-	-	-	-
Courtland Mill (AL).....	-	-	-	-	-	-	-	-	-
Pensacola Mill (FL).....	-	-	-	-	-	-	-	-	-
Quinneseec Mill (MI).....	-	-	-	-	-	-	-	-	-
Roanoke Rapids Mill (NC).....	-	-	-	-	-	-	-	-	-
Sartell Mill (MN).....	-	-	-	-	-	-	-	-	-
Channel Energy Center LLC.....	-	-	237,386	-	-	-	-	-	2,286
Channel Energy Center (TX).....	-	-	237,386	-	-	-	-	-	2,286
Cherokee County Cogen PLP.....	-	-	9,722	-	-	-	-	-	77
Cherokee County Cogen Ptr (SC).....	-	-	9,722	-	-	-	-	-	77
Chevron Refinery.....	-	4,878	1,525	-	-	-	-	12	57
Chevron Products Co (HI).....	-	4,878	1,525	-	-	-	-	12	57
Chevron USA Inc.....	-	-	80,653	-	-	-	-	-	1,224
1 Power Plant Richmond CA (CA).....	-	-	10,353	-	-	-	-	-	400
Richmond Cogen (CA).....	-	-	70,300	-	-	-	-	-	824
Chevron USA Inc-El Segundo.....	-	-	72,017	-	-	-	-	-	829
El Segundo Refinery (CA).....	-	-	72,017	-	-	-	-	-	829
Chevron USA Inc-Kern.....	-	-	30,134	-	-	-	-	-	352
Kern River Eastridge (CA).....	-	-	30,134	-	-	-	-	-	352
CHI Energy Inc-Theresa.....	-	-	-	372	-	-	-	-	-
Diamond Island Plant (NY).....	-	-	-	372	-	-	-	-	-
CII Carbon LLC.....	-	8,882	1,126	-	-	-	-	5	19
CII Carbon LLC (LA).....	-	8,882	1,126	-	-	-	-	5	19
CITGO Petroleum Corp.....	-	-	27,578	-	-	-	-	-	1,183
CITGO Refinery Powerhouse (LA).....	-	-	27,578	-	-	-	-	-	1,183
Citrus World Inc.....	-	-	4,445	-	-	-	-	-	55
Florida's Natural Growers (FL).....	-	-	4,445	-	-	-	-	-	55
Clear Lake Cogeneration LP.....	-	-	202,788	-	-	-	-	-	2,012
Clear Lake Cogen Ltd (TX).....	-	-	202,788	-	-	-	-	-	2,012

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
CLECO Evangeline LLC.....	-	-	199,567	-	-	-	-	-	1,487
Evangeline (LA)	-	-	199,567	-	-	-	-	-	1,487
Cleveland Cliffs Inc	52,950	3	97	-	-	-	39	0	2
Silver Bay Power Co (MN)	52,950	3	97	-	-	-	39	0	2
CMS Generation Co	-	-	11,072	-	-	-	-	-	96
Lakewood Cogen (NJ)	-	-	11,072	-	-	-	-	-	96
CMS Generation MI Power LLC	-	-	116	-	-	-	-	-	2
Kalamazoo River (MI)	-	-	116	-	-	-	-	-	2
Livingston (MI)	-	-	-	-	-	-	-	-	-
Coastal Refining&Marketing Inc	-	-	23,394	-	-	-	-	-	406
Corpus Christi Refinery (TX)	-	-	23,394	-	-	-	-	-	406
Cobisa-Person Ltd Partnership.....	-	-	500	-	-	-	-	-	8
Cobisa Person LP (NM)	-	-	500	-	-	-	-	-	8
Cogen Energy Technology LP	-	-	36,228	-	-	-	-	-	316
Fort Orange TransCana (NY)	-	-	36,228	-	-	-	-	-	316
CoGen Funding LP.....	-	-	279,721	-	-	-	-	-	3,084
CoGen Lyondell Inc (TX)	-	-	279,721	-	-	-	-	-	3,084
Co-Gen II.....	-	-	-	-	-	5,056	-	-	-
Co Gen II LLC (OR)	-	-	-	-	-	5,056	-	-	-
Cogen Technologies Linden Vent.....	-	534	221,316	-	-	-	-	1	1,393
Linden Cogen (NJ)	-	534	221,316	-	-	-	-	1	1,393
Cogen Technologies NJ Venture	-	-	125,688	-	-	-	-	-	1,092
Bayonne (NJ)	-	-	125,688	-	-	-	-	-	1,092
CogenAmerica Morris LLC	-	-	43,165	-	-	-	-	-	542
CogenAmerica Morris LLC (IL)	-	-	43,165	-	-	-	-	-	542
Co-Generation Co.....	-	-	-	-	-	5,013	-	-	-
Co Gen LLC (OR)	-	-	-	-	-	5,013	-	-	-
Cogentrix Energy Inc	-	-	109,579	-	-	-	-	-	758
Green Country Energy LLC (NC)	-	-	68,942	-	-	-	-	-	478
Ouachita Power LLC (LA)	-	-	40,637	-	-	-	-	-	279
Cogentrix of N Carolina Inc	244,622	-	-	-	-	-	147	-	-
Cogentrix Hopewell (VA)	33,898	-	-	-	-	-	25	-	-
Cogentrix of Richmond Inc (VA)	99,130	-	-	-	-	-	58	-	-
Cogentrix Portsmouth (VA)	19,050	-	-	-	-	-	14	-	-
Cogentrix Roxboro (NC)	5,386	-	-	-	-	-	4	-	-
Cogentrix Southport (NC)	14,458	-	-	-	-	-	14	-	-
Dwayne Collier Battle Cogen (NC)	72,700	-	-	-	-	-	34	-	-
Cokenergy Inc	-	-	36,908	-	-	-	-	-	-
Heat Recovery Coke (IN)	-	-	36,908	-	-	-	-	-	-
Collins Pine Co.....	-	-	-	-	-	-	-	-	-
Collins Pine (CA)	-	-	-	-	-	-	-	-	-
Colmac Energy Inc	-	2,633	140	-	-	23,778	-	1	2
Mecca (CA)	-	2,633	140	-	-	23,778	-	1	2
Colorado Energy Management LLC.....	-	-	4,967	-	-	-	-	-	53
Brush IV (CO)	-	-	4,967	-	-	-	-	-	53
Colorado Power Partners	-	-	17,181	-	-	-	-	-	199
Brush Power Project Phase 1 CPP (CO)	-	-	17,181	-	-	-	-	-	199
Colstrip Energy Ltd Partnershp.....	-	-	-	-	-	-	-	-	-
Colstrip Energy LP (MT)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Commonwealth Atlantic LP	-	194	1,801	-	-	-	-	0	24
Commonwealth Atlantic LP (VA).....	-	194	1,801	-	-	-	-	0	24
Commonwealth Chesapeake Co LLC	-	2,955	-	-	-	-	-	5	-
Commonwealth Chesapeake Power Station	-	2,955	-	-	-	-	-	5	-
Connectiv Energy Supply Inc.	132,065	46,104	115,519	-	-	-	57	72	1,241
Bayview (VA).....	-	-	-	-	-	-	-	-	-
Christiana (DE).....	-	-9	-	-	-	-	-	-	-
Crisfield (MD).....	-	-	-	-	-	-	-	-	-
Cumberland (NJ).....	-	-	-	-	-	-	-	-	-
Delaware City 10 (DE).....	-	-	-	-	-	-	-	-	-
Edge Moor (DE).....	132,065	46,069	6,121	-	-	-	57	72	28
Hay Road (DE).....	-	44	109,398	-	-	-	-	0	1,213
Middle (NJ).....	-	-	-	-	-	-	-	-	-
Missouri Av. (NJ).....	-	-	-	-	-	-	-	-	-
Tasley (VA).....	-	-	-	-	-	-	-	-	-
West Station (DE).....	-	-	-	-	-	-	-	-	-
Connecticut Resource Recv Auth.	610	-	-	-	-	-	0	-	-
Mid Connecticut (CT).....	610	-	-	-	-	-	0	-	-
Conoco Inc & BP Amoco	-	-	5,309	-	-	-	-	-	324
Ponca City Refinery (OK).....	-	-	5,309	-	-	-	-	-	324
Consolidated Edison E MA Inc	-	-	195	930	-	-	-	-	-
Doreen (MA).....	-	-	-	-	-	-	-	-	-
Dwight (MA).....	-	-	-	178	-	-	-	-	-
Gardners Falls (MS).....	-	-	-	628	-	-	-	-	-
Indian Orchard (MA).....	-	-	-	-	-	-	-	-	-
Putts Bridge (MA).....	-	-	-	95	-	-	-	-	-
Redbridge (MA).....	-	-	-	29	-	-	-	-	-
West Springfield (MA).....	-	-	195	-	-	-	-	-	-
Woodland Road (MA).....	-	-	-	-	-	-	-	-	-
Consolidated Papers Inc	38,914	-	9,216	6,554	-	23,194	53	-	287
Biron Mill (WI).....	17,552	-	495	-	-	1,781	18	-	10
Kimberly Mill (WI).....	5,259	-	6,749	500	-	-	6	-	201
Niagara Mill (WI).....	4,900	-	-	6,054	-	766	7	-	-
WisRapids Pulp Mill (WI).....	11,203	-	1,972	-	-	20,647	22	-	75
Constellation Power Source Gen.	767,748	67,070	9,788	-	3,803,594	-	316	115	103
Brandon Shores (MD).....	403,100	1,630	-	-	-	-	170	3	-
C P Crane (MD).....	179,573	198	-	-	-	-	69	0	-
Calvert CLF (MD).....	-	-	-	-	1,271,399	-	-	-	-
Calvert Cliffs (MD).....	-	-	-	-	1,271,399	-	-	-	-
Gould Street (MD).....	-	8,359	185	-	-	-	-	16	2
H A Wagner (MD).....	185,075	54,866	3,221	-	-	-	77	90	33
NINE MILE P (NY).....	-	-	-	-	1,260,796	-	-	-	-
Notch Cliff (MD).....	-	-	-	-	-	-	-	-	0
Perryman (MD).....	-	2,017	6,382	-	-	-	-	5	68
Philadelphia (MD).....	-	-	-	-	-	-	-	-	-
Riverside (MD).....	-	-	-	-	-	-	-	-	-
Westport (MD).....	-	-	-	-	-	-	-	-	-
Continental Energy Associates	-	-	2,658	-	-	-	-	-	28
Hazelton (PA).....	-	-	2,658	-	-	-	-	-	28
Worthington (IN).....	-	-	-	-	-	-	-	-	-
Cordova Energy Co Inc	-	-	28,265	-	-	-	-	-	214
Cordova Energy Center (IL).....	-	-	28,265	-	-	-	-	-	214
Corn Products Internat'l Inc	31,491	-	2,273	-	-	-	26	-	34
Corn Products Illinois (IL).....	31,491	-	2,273	-	-	-	26	-	34
Corona Energy Partners Ltd.	-	-	-	-	-	-	-	-	-
Corona Cogen (CA).....	-	-	-	-	-	-	-	-	-
Corpus Christi Cogeneration LP	-	-	59,880	-	-	-	-	-	459

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Corpus Christi Energy Center (TX)	-	-	59,880	-	-	-	-	-	459
Coso Energy Developers	-	-	-	-	-	133,983	-	-	-
Coso Energy Developers (CA)	-	-	-	-	-	65,644	-	-	-
Coso Power Developers (CA)	-	-	-	-	-	68,339	-	-	-
Coso Finance Partners	-	-	-	-	-	68,691	-	-	-
Coso Finance Partners (CA)	-	-	-	-	-	68,691	-	-	-
County Sanitation-Orange Cnty	-	-	194	-	-	9,052	-	-	26
Plant No 1 (CA)	-	-	-	-	-	3,242	-	-	24
Plant No 2 (CA)	-	-	194	-	-	5,810	-	-	2
CPN South Point LLC	-	-	333,424	-	-	-	-	-	2,304
South Point Energy Center (AZ)	-	-	333,424	-	-	-	-	-	2,304
Craven County Wood Energy LP	-	-	-	-	-	15,448	-	-	-
Craven County Wood Energy LP (NC)	-	-	-	-	-	15,448	-	-	-
Crockett Cogeneration	-	-	116,539	-	-	-	-	-	1,056
Crockett Cogeneration Project (CA)	-	-	116,539	-	-	-	-	-	1,056
Crown Paper Co	-	-	-	10,887	-	-	-	-	-
Berlin Gorham (NH)	-	-	-	10,887	-	-	-	-	-
CT Jet Power LLC	-	-	-	-	-	-	-	-	-
Cos Cob (CT)	-	-	-	-	-	-	-	-	-
Daggett Leasing Corp et al	-	-	-	-	-	792	-	-	-
SEGS II (CA)	-	-	-	-	-	792	-	-	-
Dartmouth Power Associates LP	-	-	50,142	-	-	-	-	-	413
Dartmouth Power Assoc (MA)	-	-	50,142	-	-	-	-	-	413
Davenport City of	-	-	200	-	-	299	-	-	2
Davenport Water Pollution Control Plant	-	-	200	-	-	299	-	-	2
Davis CSWM & Energy RSSD	-	-	-	-	-	-	-	0	-
Wasatch Energy Systems (UT)	-	-	-	-	-	-	-	0	-
De Pere Energy LLC	-	-	913	-	-	-	-	-	12
De Pere Energy Center (WI)	-	-	913	-	-	-	-	-	12
Deanborn Industrial Gen Inc	-	-	76,801	-	-	-	-	-	397
Dearborn Industrial (MI)	-	-	76,801	-	-	-	-	-	397
Del Ranch Ltd Partnership	-	-	-	-	-	27,608	-	-	-
A W Hoch (CA)	-	-	-	-	-	27,608	-	-	-
Delano Energy Co Inc	-	-	-	-	-	28,579	-	-	-
Delano Energy Co Inc (CA)	-	-	-	-	-	28,579	-	-	-
Delmarva Operating Inc	-	-	443,601	-	-	-	-	-	3,046
Delta Energy Center (CA)	-	-	443,601	-	-	-	-	-	3,046
Denver City Energy Assoc LP	-	-	160,912	-	-	-	-	-	1,202
Mustang (TX)	-	-	160,912	-	-	-	-	-	1,202
Des Moines Metro WRF	-	-	479	-	-	575	-	-	0
Des Moines Metro WRA Wastewater	-	-	479	-	-	575	-	-	0
Devon Power LLC	-	1,064	43,265	-	-	-	-	2	519
NRG Devon (CT)	-	1,064	43,265	-	-	-	-	2	519
Dexter Corp	-	-	33,310	-	-	-	-	-	329
Dexter Cogeneration Facility (CT)	-	-	33,310	-	-	-	-	-	329
DFO Partnership	-	-	-	-	-	-	-	-	-
H Power (HI)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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 V	-	-	-	-	-	2,511	-	-	-
Difwind Farms Ltd V (CA)	-	-	-	-	-	2,511	-	-	-
Difwind Farms Ltd VI	-	-	-	-	-	4,024	-	-	-
Difwind Farms Ltd VI (CA)	-	-	-	-	-	4,024	-	-	-
Difwind Farms Ltd VII	-	-	-	-	-	3,423	-	-	-
Difwind Farms Ltd VII (CA)	-	-	-	-	-	3,423	-	-	-
Difwind Farms Ltd VIII	-	-	-	-	-	1,500	-	-	-
Difwind Farms Ltd VIII (CA)	-	-	-	-	-	1,500	-	-	-
Dighton Power Associates LP	-	-	-	-	-	-	-	-	-
Dighton Power Assoc (MA)	-	-	-	-	-	-	-	-	-
Dominion Energy	-	-	-	-	-	-	-	-	-
Elwood Energy LLC (IL)	-	-	-	-	-	-	-	-	-
Dominion Kincaid Inc	589,767	-	240	-	-	-	339	-	2
Kincaid Generation LLC (IL)	589,767	-	240	-	-	-	339	-	2
Dominion Nuclear Conn Inc	-	-	-	-	1,251,934	-	-	-	-
Millstone (CT)	-	-	-	-	1,251,934	-	-	-	-
Dominion Resources Inc	-	-	-	-	-	-	-	-	-
Armstrong Energy LLC (PA)	-	-	-	-	-	-	-	-	-
Troy Energy LLC (OH)	-	-	-	-	-	-	-	-	-
Domino Sugar Corp	-	-	5,855	-	-	-	-	-	176
Domino Sugar Corp - Baltimore Plant (MD)	-	-	5,855	-	-	-	-	-	176
Domtar Corp	28,196	5,855	5,338	11,457	-	87,926	29	45	264
Ashdown (AR)	16,445	-	4,911	-	-	55,535	19	-	255
Nekoosa Mill (WI)	11,751	-	401	2,631	-	6,457	11	-	8
Port Edwards Mill (WI)	-	3,410	26	1,771	-	1,501	-	31	2
Woodland Pulp Paper (ME)	-	2,445	-	7,055	-	24,433	-	14	-
Donohue Inc	-	-	7,384	-	-	8,949	-	-	247
Lufkin Texas (TX)	-	-	7,384	-	-	8,949	-	-	247
Donohue Industries Inc	-	-	-	-	-	-	-	-	254
Sheldon Texas (TX)	-	-	-	-	-	-	-	-	254
Doswell Ltd Partnership	-	88	71,850	-	-	-	-	0	626
Doswell Combined Cycle (VA)	-	88	71,850	-	-	-	-	0	626
Double 'C' Ltd	-	-	34,724	-	-	-	-	-	362
Double C (CA)	-	-	34,724	-	-	-	-	-	362
Dow Chemical Co	-	-	396,995	-	-	-	-	-	4,648
CA II (Chlor Alkali II) (LA)	-	-	-	-	-	-	-	-	-
Power and Utilities (LA)	-	-	-	-	-	-	-	-	-
The Dow Chemical Co Texas Op (TX)	-	-	396,995	-	-	-	-	-	4,648
DPL Energy Inc(Tait)	-	-	7,548	-	-	-	-	-	89
Darby (OH)	-	-	123	-	-	-	-	-	4
Greenville (OH)	-	-	5,632	-	-	-	-	-	59
Montpelier (OH)	-	-	962	-	-	-	-	-	11
Tait Electric Generating Station (OH)	-	-	831	-	-	-	-	-	15
Duke Energy Audrain	-	-	-	-	-	-	-	-	-
Audrain Generating Station (MO)	-	-	-	-	-	-	-	-	-
Duke Energy Enterprise LLC	-	-	-	-	-	-	-	-	-
Enterprise Energy Facility (MS)	-	-	-	-	-	-	-	-	-
Duke Energy Hinds LLC	-	-	37,708	-	-	-	-	-	248
Attala Generating Co LLC (MS)	-	-	37,588	-	-	-	-	-	246
Duke Energy Hinds (MS)	-	-	120	-	-	-	-	-	2
New Albany (MS)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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 Hot Spring LLC	-	-	103,706	-	-	-	-	-	777
Duke Energy Hot Spring LLC Facility (AR)	-	-	103,706	-	-	-	-	-	777
Duke Energy Lee County LLC	-	-	-	-	-	-	-	-	-
Lee Energy (IL)	-	-	-	-	-	-	-	-	-
Duke Energy Marshall Cnty LLC	-	943	2,859	-	-	-	-	3	38
Marshall County Generating Station (KY)	-	943	2,859	-	-	-	-	3	38
Duke Energy McClain LLC	-	-	65,460	-	-	-	-	-	430
McCLAIN ENERGY (OK)	-	-	65,460	-	-	-	-	-	430
Duke Energy Morro Bay LLC	-	-	46,295	-	-	-	-	-	453
Duke Energy Morro Bay LLC (CA)	-	-	46,295	-	-	-	-	-	453
Duke Energy Moss Landing LLC	-	-	595,681	-	-	-	-	-	4,721
Duke Energy Moss Landing LLC (CA)	-	-	595,681	-	-	-	-	-	4,721
Duke Energy North America LLC	-	-	-	-	-	-	-	-	-
Duke Energy Murray LLC (GA)	-	-	-	-	-	-	-	-	-
Duke Energy Sandersville LLC (GA)	-	-	-	-	-	-	-	-	-
Duke Energy Oakland LLC	-	724	-	-	-	-	-	2	-
Duke Energy Oakland LLC (CA)	-	724	-	-	-	-	-	2	-
Duke Energy South Bay LLC	-	29,034	39,674	-	-	-	-	101	788
Duke Energy South Bay LLC (CA)	-	29,034	39,674	-	-	-	-	101	788
Duke Energy Washington LLC	-	-	33,395	-	-	-	-	-	295
Washington Energy Facility (OH)	-	-	33,395	-	-	-	-	-	295
Duncan Walter Et Al	-	-	-	-	-	-	-	-	-
Duke Energy Southaven LLC (MS)	-	-	-	-	-	-	-	-	-
DuPage County	-	26	228	-	-	58	-	0	2
DuPage County Region 9 West Wastewater	-	26	228	-	-	58	-	0	2
Dynegy Inc	243,730	100,588	200,998	-	-	-	93	169	2,249
Danskammer (NY)	243,730	618	1,873	-	-	-	93	1	17
Division (CA)	-	-	-	-	-	-	-	-	-
El Cajon (CA)	-	-	-	-	-	-	-	-	-
Encina (CA)	-	-	196,973	-	-	-	-	-	2,210
Kearny (CA)	-	-	-	-	-	-	-	-	-
Miramar (CA)	-	-	-	-	-	-	-	-	-
Naval Station (CA)	-	-	-	-	-	-	-	-	-
Naval Training Center (CA)	-	-	-	-	-	-	-	-	-
North Island (CA)	-	-	-	-	-	-	-	-	-
Roseton (NY)	-	99,970	2,152	-	-	-	-	168	22
Dynegy Midwest Generation	1,886,450	1,706	7,730	-	-	5,635	1,097	4	88
Baldwin (IL)	1,203,359	1,393	-	-	-	5,635	709	3	-
Havana (IL)	151,728	313	84	-	-	-	71	1	1
Hennepin (IL)	170,970	-	99	-	-	-	103	-	1
Oglesby (IL)	-	-	77	-	-	-	-	-	1
Stallings (IL)	-	-	-	-	-	-	-	-	-
Tilton (IL)	-	-	6,718	-	-	-	-	-	74
Vermilion (IL)	87,051	-	421	-	-	-	47	-	5
Wood River (IL)	273,342	-	331	-	-	-	168	-	5
E I DuPont De Nemours & Co	3,637	-	127,324	-	-	-	5	-	1,613
Sabine River Works (TX)	-	-	67,871	-	-	-	-	-	908
Victoria Texas Plant (TX)	-	-	59,441	-	-	-	-	-	705
Waynesboro Virginia Plant (VA)	3,637	-	12	-	-	-	5	-	0
Eagle Point Cogen Partnership	-	-	-	-	-	-	-	-	-
Eagle Point Cogen (NJ)	-	-	-	-	-	-	-	-	-
Eastern Conn Res Recvy Auth	-	-	-	-	-	-	-	-	-
Riley Energy Sys of Lisbon Wheelabrator	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Eastex Cogeneration LP	-	-	207,365	-	-	-	-	-	2,113
Eastex Cogeneration Facility (TX).....	-	-	207,365	-	-	-	-	-	2,113
Eastman Kodak Co	59,599	768	6,030	-	-	-	58	3	142
Kodak Park (NY).....	59,599	768	6,030	-	-	-	58	3	142
Ebensburg Power Co	36,341	-	-	-	-	-	42	-	-
Ebensburg Power Co (PA).....	36,341	-	-	-	-	-	42	-	-
Edgan Wray Love Trust	-	-	-	-	-	5,022	-	-	-
Lakota Ridge (MN).....	-	-	-	-	-	2,329	-	-	-
Shaokatan Hills (MN).....	-	-	-	-	-	2,693	-	-	-
EF Oxnard Inc	-	-	15,316	-	-	-	-	-	137
E F Oxnard Oxnard Energy (CA).....	-	-	15,316	-	-	-	-	-	137
El Dorado Energy LLC	-	-	321,064	-	-	-	-	-	2,276
El Dorado Energy (NV).....	-	-	321,064	-	-	-	-	-	2,276
El Segundo Power LLC	-	-	188,285	-	-	-	-	-	1,926
El Segundo (CA).....	-	-	188,285	-	-	-	-	-	1,926
Elkem Metals Co	18,160	-	-	32,084	-	-	9	-	-
Alloy Steam (WV).....	18,160	-	-	32,084	-	-	9	-	-
Hawks Nest Hydro (WV).....	-	-	-	-	-	-	-	-	-
Elmore Ltd Partnership	-	-	-	-	-	31,290	-	-	-
J J Elmore (CA).....	-	-	-	-	-	31,290	-	-	-
EME Homer City Generation LP	1,228,030	-	-	-	-	-	480	-	-
Homer City (PA).....	1,228,030	-	-	-	-	-	480	-	-
Empire Energy LLC	-	-	-	-	-	2,447	-	-	-
Empire (NV).....	-	-	-	-	-	2,447	-	-	-
Encina Joint Powers Authority	-	-	289	-	-	258	-	-	4
Encina Water Pollution Control (CA).....	-	-	289	-	-	258	-	-	4
Ennis-Tractebel Co Inc	-	-	41,474	-	-	-	-	-	309
Ennis Tractebel Power Co LP (TX).....	-	-	41,474	-	-	-	-	-	309
Enron Wind	-	-	-	-	-	3,891	-	-	-
Green Power I (CA).....	-	-	-	-	-	3,891	-	-	-
Entergy Nuclear Oper-Fitz	-	-	-	-	76,459	-	-	-	-
Fitzpatrick (NY).....	-	-	-	-	76,459	-	-	-	-
Entergy Nuclear Oper-Indian	-	-	-	-	1,293,568	-	-	-	-
Indian Point 3 (NY).....	-	-	-	-	732,789	-	-	-	-
INDIAN PT (NY).....	-	-	-	-	560,779	-	-	-	-
Entergy Nuclear Vermont Yankee	-	-	-	-	93,192	-	-	-	-
VERMONT YANKEE (VT).....	-	-	-	-	93,192	-	-	-	-
Equilon Enterprises LLC	-	-	43,189	-	-	-	-	-	426
Equilon Los Angeles Refining (CA).....	-	-	43,189	-	-	-	-	-	426
Equistar Chemicals LP	-	-	11,904	-	-	-	-	-	189
Corpus Christi Plant (TX).....	-	-	11,904	-	-	-	-	-	189
Erie Coke Corp	744	-	-	-	-	-	0	-	83
Erie Coke Corp (PA).....	744	-	-	-	-	-	0	-	83
ESI Mojave LLC	-	-	-	-	-	14,186	-	-	-
Delaware Mountain Windfarm (TX).....	-	-	-	-	-	-	-	-	-
Mojave 16 (CA).....	-	-	-	-	-	4,135	-	-	-
Mojave 17 (CA).....	-	-	-	-	-	4,135	-	-	-
Mojave 18 (CA).....	-	-	-	-	-	5,916	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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	-	-	-	-	-	3,760	-	-	-
Vansycle Ridge (OR).....	-	-	-	-	-	3,760	-	-	-
EUI Management PH Inc	-	-	-	-	-	5,173	-	-	-
EUIPH Wind Farm (CA).....	-	-	-	-	-	5,173	-	-	-
Exelon Generation Co LLC	189,628	49,858	125,824	71,006	10,094,583	-	85	95	1,625
Braidwood (IL).....	-	-	-	-	1,805,512	-	-	-	-
Byron (IL).....	-	-	-	-	1,453,548	-	-	-	-
Chester (PA).....	-	-	-	-	-	-	-	-	-
Conowingo (MD).....	-	-	-	116,135	-	-	-	-	-
Cromby (PA).....	8,537	14,351	650	-	-	-	4	26	7
Croydon (PA).....	-	-	-	-	-	-	-	1	-
Delaware (PA).....	-	4,755	-	-	-	-	-	13	-
Dresden (IL).....	-	-	-	-	797,663	-	-	-	-
Eddystone (PA).....	181,091	31,180	13,851	-	-	-	81	55	150
Exelon LaPorte (TX).....	-	-	2,687	-	-	-	-	-	36
Fairless (PA).....	-	10	-	-	-	-	-	0	0
Falls (PA).....	-	-	-	-	-	-	-	-	-
Handley (TX).....	-	-	80,997	-	-	-	-	-	1,060
LaSalle Cty (IL).....	-	-	-	-	1,507,327	-	-	-	-
Limerick (PA).....	-	-	-	-	1,735,382	-	-	-	-
Moser (PA).....	-	4	-	-	-	-	-	0	-
Mountain Creek (TX).....	-	-	27,519	-	-	-	-	-	370
Muddy Run (PA).....	-	-	-	-45,129	-	-	-	-	-
Peachbottom (PA).....	-	-	-	-	1,567,018	-	-	-	-
Quad Cities (IL).....	-	-	-	-	1,228,133	-	-	-	-
Richmond (PA).....	-	-137	-	-	-	-	-	0	-
Schuylkill (PA).....	-	-441	-	-	-	-	-	0	-
Southeast Chicago Energy Project (IL).....	-	-	120	-	-	-	-	-	2
Southwark (PA).....	-	136	-	-	-	-	-	0	-
Exeter Energy LP	-	499	-	-	-	15,891	-	0	-
Exeter Energy Project (CT).....	-	499	-	-	-	15,891	-	0	-
Exxon Chemical Co	-	-	190,523	-	-	-	-	-	3,018
Baton Rouge Cogen (TX).....	-	-	136,361	-	-	-	-	-	2,253
Baton Rouge Turbine Generator (LA).....	-	-	54,162	-	-	-	-	-	765
Exxon Co USA	-	-	274,819	-	-	-	-	-	3,530
Baytown Turbine (TX).....	-	-	132,896	-	-	-	-	-	1,636
Exxon Mobil Co USA Baytown PP3 PP4	-	-	104,964	-	-	-	-	-	1,549
Santa Ynez (CA).....	-	-	36,959	-	-	-	-	-	346
Fairhaven Power Co	-	-	61	-	-	10,419	-	-	2
Fairhaven (CA).....	-	-	61	-	-	10,419	-	-	2
Farmland Hydro Ltd Partner	-	-	-	-	-	-	-	-	-
Farmland Hydro LP (FL).....	-	-	-	-	-	-	-	-	-
Federal Paper Board Co Inc	878	8,927	495	-	-	30,770	2	74	25
International Paper Riegelwood (NC).....	878	8,927	495	-	-	30,770	2	74	25
Fibertek Energy LLC	33,968	-	-	-	-	-	24	-	-
Trigen Syracuse (NY).....	33,968	-	-	-	-	-	24	-	-
Finch Pruyn & Co Inc	-	3,782	-	2,705	-	-	-	3	291
Finch Pruyn Co Inc (NY).....	-	3,782	-	2,705	-	-	-	3	291
First National Bank-Commerce	-	-	-	57,238	-	-	-	-	-
Sidney A Murray Jr Hydroelectric Station	-	-	-	57,238	-	-	-	-	-
Flowind Corp	-	-	-	-	-	13,007	-	-	-
Altamont Power LLC (CA).....	-	-	-	-	-	643	-	-	-
Cameron Ridge (CA).....	-	-	-	-	-	12,364	-	-	-
Footville Water&Electric Comm	-	-	-	-	-	-	-	-	0
Foothills Generating Company LLC (KY).....	-	-	-	-	-	-	-	-	0
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, October 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	-	-	281,197	-	-	-	-	-	3,806
Formosa Plastics Corp (LA).....	-	-	82,514	-	-	-	-	-	910
Formosa Utility Venture Ltd (TX).....	-	-	198,683	-	-	-	-	-	2,896
Fort Howard Corp	40,361	20,482	-	-	-	-	31	13	-
Green Bay West Mill (WI).....	40,361	20,482	-	-	-	-	31	13	-
Muskogee Mill (OK).....	-	-	-	-	-	-	-	-	-
Fort James Operating Co	7,435	57,318	85	-	-	307	5	32	3
Savannah River Mill (GA).....	7,435	57,318	85	-	-	307	5	32	3
Foster Wheeler Power Sys Inc	-	-	73,459	-	-	-	-	-	646
Camden Resource Recovery (NJ).....	-	-	-	-	-	-	-	-	-
Foster Wheeler Martinez Inc (CA).....	-	-	73,459	-	-	-	-	-	646
Foster Wheeler-Mt Carmel Inc	25,446	-	-	-	-	-	47	-	-
Foster Wheeler Martinez Inc (CA).....	-	-	-	-	-	-	-	-	-
Mount Carmel Cogen Inc (PA).....	25,446	-	-	-	-	-	47	-	-
Fountain Valley Power LLC	-	-	32,064	-	-	-	-	-	360
Fountain Valley (CO).....	-	-	32,064	-	-	-	-	-	360
Fox Metro Water Reclamation	-	-	-	-	-	-	-	-	203
Fox Metro Water Reclamation District (IL).....	-	-	-	-	-	-	-	-	203
FPL Energy Inc	-	-	-	-	-	56,468	-	-	-
Badger Windpower LLC (KS).....	-	-	-	-	-	9,240	-	-	-
Gray County Wind Energy (KS).....	-	-	-	-	-	25,779	-	-	-
Lake Benton II (MN).....	-	-	-	-	-	21,449	-	-	-
FPL Energy Maine Inc	-	6,168	-	72,444	-	8,772	-	26	-
Androscoggin 3 (ME).....	-	-	-	-3	-	-	-	-	-
Aroostook Valley (ME).....	-	-	-	-	-	8,772	-	-	-
Bar Mills (ME).....	-	-	-	713	-	-	-	-	-
Bates Mill Upper (ME).....	-	-	-	4	-	-	-	-	-
Bonny Eagle (ME).....	-	-	-	3,042	-	-	-	-	-
Brunswick (ME).....	-	-	-	3,883	-	-	-	-	-
Cataract (ME).....	-	-	-	1,577	-	-	-	-	-
Charles E Monty (ME).....	-	-	-	4,924	-	-	-	-	-
Continental Mills (ME).....	-	-	-	-1	-	-	-	-	-
Deer Rips (ME).....	-	-	-	-3	-	-	-	-	-
Fort Halifax (ME).....	-	-	-	12	-	-	-	-	-
Gulf Island (ME).....	-	-	-	7,613	-	-	-	-	-
Harris (ME).....	-	-	-	14,500	-	-	-	-	-
Hill Mill (ME).....	-	-	-	-1	-	-	-	-	-
Hiram (ME).....	-	-	-	1,453	-	-	-	-	-
Mason Steam (ME).....	-	-	-	-	-	-	-	-	-
Messalonskee 2 (Oakland) (ME).....	-	-	-	755	-	-	-	-	-
Messalonskee 3 (ME).....	-	-	-	-2	-	-	-	-	-
Messalonskee 5 (ME).....	-	-	-	-2	-	-	-	-	-
North Gorham (ME).....	-	-	-	643	-	-	-	-	-
Shawmut (ME).....	-	-	-	2,709	-	-	-	-	-
Skelton (ME).....	-	-	-	2,805	-	-	-	-	-
West Buxton (ME).....	-	-	-	-4	-	-	-	-	-
Weston (ME).....	-	-	-	4,747	-	-	-	-	-
William F Wyman (ME).....	-	6,168	-	-	-	-	-	26	-
Williams (ME).....	-	-	-	5,346	-	-	-	-	-
Wyman Hydro (ME).....	-	-	-	17,734	-	-	-	-	-
FPL Energy Uptond Wind LP	-	-	-	-	-	-	-	-	-
King Mountain Wind Ranch 1 (TX).....	-	-	-	-	-	-	-	-	-
FPL Energy Vansycle LLC	-	-	-	-	-	29,707	-	-	-
Stateline (OR).....	-	-	-	-	-	9,381	-	-	-
Stateline (WA).....	-	-	-	-	-	20,326	-	-	-
Fraser Paper Co	-	-	-	-	-	-	-	-	-
Fraser Paper Inc (WI).....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Freede Henry J Dr	-	-	4,883	-	-	-	-	-	47
Frederickson Power LP (WA).....	-	-	4,883	-	-	-	-	-	47
Freestone Power Generation LP	-	-	516,850	-	-	-	-	-	3,598
Freestone Power Generation LP (TX).....	-	-	516,850	-	-	-	-	-	3,598
Fresno Cogeneration Partners	-	-	-	-	-	-	-	-	-
Fresno Cogen Partners (CA).....	-	-	-	-	-	-	-	-	-
Frontier Generation LP	-	-	147,575	-	-	-	-	-	1,064
Frontera Generation Facility (TX).....	-	-	147,575	-	-	-	-	-	1,064
Ft Worth City of	-	-	1,741	-	-	1,741	-	-	9
Village Creek Wastewater Treatment Plant	-	-	1,741	-	-	1,741	-	-	9
Fulton Cogeneration Associates	-	-	1,764	-	-	-	-	-	17
Fulton Cogen Assoc (NY).....	-	-	1,764	-	-	-	-	-	17
Gas Recovery Systems Inc	-	-	-	-	-	-	-	-	-
Coyote Canyon (CA).....	-	-	-	-	-	-	-	-	-
Gaylord Container Corp	-	1	20,120	-	-	33	-	8	299
Gaylord Container Corp Antioch (CA).....	-	-	20,118	-	-	-	-	-	201
Gaylord Container Corp Bogalusa (LA).....	-	1	2	-	-	33	-	8	98
Gaylord Entertainment Co	-	-	3,566	-	-	-	-	-	43
Opryland USA (TN).....	-	-	3,566	-	-	-	-	-	43
GEM Resources	-	-	-	-	-	5,977	-	-	-
GEM II (CA).....	-	-	-	-	-	-	-	-	-
GEM III (CA).....	-	-	-	-	-	5,977	-	-	-
General Chemical Corp	21,307	27	-	-	-	-	47	0	-
General Chemical (WY).....	21,307	27	-	-	-	-	47	0	-
General Electric Co	-	11,614	1,360	-	-	-	-	36	25
GE Company Aircraft Engines (MA).....	-	11,614	1,360	-	-	-	-	36	25
General Growth Proper Tire Inc	-	790	1	-	-	-	-	0	0
Westroads Shopping Center (NE).....	-	790	1	-	-	-	-	0	0
General Motors Corp	-	-	-	-	-	-	-	-	-
Powertrain Warren GMC (MI).....	-	-	-	-	-	-	-	-	-
Genesee Power Station LP	-	-	-	-	-	16,975	-	-	-
Genesee (MI).....	-	-	-	-	-	16,975	-	-	-
Georgia Gulf Corp	-	-	101,245	-	-	-	-	-	1,938
Georgia Gulf Corporation Plaquemine (LA).....	-	-	101,245	-	-	-	-	-	1,938
Georgia-Pacific Corp	7,976	3,598	19,688	-	-	124,319	0	11	708
Ashdown (AR).....	-	-	-	-	-	-	-	-	-
Big Island (VA).....	-	-	-	-	-	-	-	-	-
Brunswick Pulp&Paper Co (GA).....	-	-	-	-	-	-	-	-	-
Cedar Springs (GA).....	7,976	2,210	483	-	-	39,673	0	0	0
Crossett Paper (AR).....	-	1,388	4,083	-	-	48,488	-	11	155
Fort Bragg Western Wood Products (CA).....	-	-	-	-	-	-	-	-	-
Leaf River (MS).....	-	-	-	-	-	-	-	-	-
Monticello Paper (MS).....	-	-	-	-	-	-	-	-	-
Naheola Mill (AL).....	-	-	-	-	-	-	-	-	-
Nekoosa Mill (WI).....	-	-	-	-	-	-	-	-	-
Palatka Ops (FL).....	-	-	-	-	-	-	-	-	-
Port Edwards Mill (WI).....	-	-	-	-	-	-	-	-	-
Port Hudson Pulp Printing Paper (LA).....	-	-	15,122	-	-	36,158	-	-	553
Gilberton Power Co	40,496	-	-	-	-	-	35	0	-
John B Rich Memorial (PA).....	40,496	-	-	-	-	-	35	0	-
Gillette Co	-	-	4,500	-	-	-	-	-	120

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Gillette Co (MA)	-	-	4,500	-	-	-	-	-	120
Gilman Paper Co	-	-	-	-	-	-	-	-	-
Gilman Paper Co (GA)	-	-	-	-	-	-	-	-	-
Glen Park Associates	-	-	-	6,976	-	-	-	-	-
Glen Park Hydro (NY)	-	-	-	6,976	-	-	-	-	-
Goaline Ltd Partnership	-	-	34,537	-	-	-	-	-	0
Goal Line LP (CA)	-	-	34,537	-	-	-	-	-	0
Goodyear Tire & Rubber Co.	8,629	22	21,985	-	-	-	10	0	815
Goodyear (OH)	8,629	22	-	-	-	-	10	0	-
The Goodyear&Tire Rubber Co (TX)	-	-	21,985	-	-	-	-	-	815
Gorbell Thermo Electron Pwr Co.	-	-	-	-	-	-	-	-	-
Boralex Athens Energy (ME)	-	-	-	-	-	-	-	-	-
Gordonsville Energy LP	-	364	8,311	-	-	-	-	6	68
Gordonsville Energy LP (VA)	-	364	8,311	-	-	-	-	6	68
GPU International Inc-Onondaga	-	-	9,942	-	-	-	-	-	78
Onondaga Cogen (NY)	-	-	9,942	-	-	-	-	-	78
Grayling Generating Station LP	-	-	-	-	-	17,180	-	-	-
Grayling (MI)	-	-	-	-	-	17,180	-	-	-
Grays Ferry Cogeneration Partn	-	-	64,842	-	-	-	-	-	749
Grays Ferry Cogen (PA)	-	-	64,842	-	-	-	-	-	749
Great Northern Paper Inc	-	22,922	-	48,137	-	10,495	-	92	-
Great Lakes Hydro America (ME)	-	-	-	48,137	-	-	-	-	-
Great Plain Energy Center (ME)	-	5,729	-	-	-	5,491	-	24	-
Millinocket (ME)	-	17,193	-	-	-	5,004	-	68	-
Greenville Steam Co	-	-	-	-	-	-	-	-	-
Greenville Steam Co (ME)	-	-	-	-	-	-	-	-	-
Gregory Power Partners LP	-	-	220,721	-	-	-	-	-	2,302
Gregory (TX)	-	-	220,721	-	-	-	-	-	2,302
Griffith Energy LLC	-	-	85,177	-	-	-	-	-	619
Griffith Energy (AZ)	-	-	85,177	-	-	-	-	-	619
GTE Alaska Inc	-	-	5,419	-	-	-	-	-	51
Hanford Energy Park Peaker (CA)	-	-	2,786	-	-	-	-	-	27
Henrietta Peaker (CA)	-	-	2,633	-	-	-	-	-	25
Guadalupe Power Partners LP	-	-	317,561	-	-	-	-	-	2,290
Guadalupe (TX)	-	-	317,561	-	-	-	-	-	2,290
Gulf States Paper Corp	627	115	821	-	-	10,292	2	1	53
Gulf States Paper Corp (AL)	627	115	821	-	-	10,292	2	1	53
GWF Power Systems LP	-	28,386	-	-	-	-	-	11	-
East Third Street (CA)	-	14,220	-	-	-	-	-	6	-
Loveridge Road (CA)	-	14,166	-	-	-	-	-	6	-
Hamakua Energy Partners LP	-	40,504	-	-	-	-	-	66	-
Hamakua Energy (HI)	-	40,504	-	-	-	-	-	66	-
Handsome Lake Energy LLC	-	-	1,129	-	-	-	-	-	14
Handsome Lake Energy (PA)	-	-	1,129	-	-	-	-	-	14
Harbor Cogeneration Co	-	-	5,199	-	-	-	-	-	55
Harbor Cogen (CA)	-	-	5,199	-	-	-	-	-	55
Hardee Power Partners Ltd	-	281	123,979	-	-	-	-	5	1,159
Hardee (FL)	-	281	123,979	-	-	-	-	5	1,159

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Hartwell Energy Ltd Partners	-	322	1,388	-	-	-	-	1	16
Hartwell Energy LP (GA).....	-	322	1,388	-	-	-	-	1	16
Hawaiian Coml & Sugar Co Ltd.....	-	-	-	-	-	-	-	-	-
Paia (HI).....	-	-	-	-	-	-	-	-	-
Hawkins H S.....	-	-	-	-	-	6,703	-	-	-
Hawkeye Power Partners LLC (IA)	-	-	-	-	-	6,703	-	-	-
Hays Energy LP.....	-	-	230,303	-	-	-	-	-	1,685
Hays Energy Facility (TX)	-	-	230,303	-	-	-	-	-	1,685
Heard County Power LLC	-	-	-	-	-	-	-	-	-
Calcasieu (LA).....	-	-	-	-	-	-	-	-	-
Heard County Power LLC (GA)	-	-	-	-	-	-	-	-	-
Heber Geothermal Co	-	-	-	-	-	24,331	-	-	-
Heber Geothermal Co (CA).....	-	-	-	-	-	24,331	-	-	-
Hemphill Power & Light Co.....	-	-	-	-	-	16	-	-	-
Hemphill Power&Light Co (NH).....	-	-	-	-	-	16	-	-	-
Hercules Inc.....	6,094	2,317	79	-	-	-	10	0	1
Green Tree Chemical Technologies INC	-	2,317	79	-	-	-	-	-	1
Hercules Inc Missouri Chemical Works	6,094	-	-	-	-	-	10	0	-
Herold A C.....	-	-	343,580	-	-	-	-	-	2,369
Hermiston (OR).....	-	-	343,580	-	-	-	-	-	2,369
Hidalgo Energy Center LP	-	-	212,479	-	-	-	-	-	1,453
Hidalgo Energy Center (TX).....	-	-	212,479	-	-	-	-	-	1,453
High Sierra Ltd.....	-	-	37,527	-	-	-	-	-	380
High Sierra (CA)	-	-	37,527	-	-	-	-	-	380
Hillman Power Co	-	-	25	-	-	12,294	-	-	0
Hillman Power Co LLC (MI).....	-	-	25	-	-	12,294	-	-	0
Hillsborough County	-	-	477	-	-	-	-	-	-
Hillsborough County Resource Recovery	-	-	477	-	-	-	-	-	-
HL Power Co.....	-	-	3,899	-	-	19,971	-	-	41
HL (CA).....	-	-	3,899	-	-	19,971	-	-	41
Holland Energy LLC.....	-	-	24,968	-	-	-	-	-	166
Holland Energy Facility (IL).....	-	-	24,968	-	-	-	-	-	166
Hopewell Cogeneration Inc	-	3	38,852	-	-	-	-	0	420
Hopewell Cogen (VA).....	-	3	38,852	-	-	-	-	0	420
Howden Wind Parks Inc.....	-	-	-	-	-	1,765	-	-	-
Howden Windpark 1 (CA).....	-	-	-	-	-	1,765	-	-	-
Huntsman Corp	-	-	44,949	-	-	-	-	-	577
JCO Oxides Olefins (TX).....	-	-	44,949	-	-	-	-	-	577
Hydro Technology Systems Inc.....	-	-	-	438	-	-	-	-	-
Meyers Falls (WA).....	-	-	-	438	-	-	-	-	-
Hydro-Op One Associates.....	-	-	-	963	-	-	-	-	-
Dayton Hydro (IL).....	-	-	-	963	-	-	-	-	-
IBM Corp	-	52	-	-	-	-	-	0	-
IBM San Jose Standby (CA)	-	52	-	-	-	-	-	0	-
IMC Phosphates Co.....	-	-	77,893	-	-	-	-	-	-
IMC Agrico Co New Wales Operations (FL)	-	-	35,660	-	-	-	-	-	-
IMC Agrico Co South Pierce Operations	-	-	26,518	-	-	-	-	-	-
IMC Agrico Company Uncle Sam Plant	-	-	15,715	-	-	-	-	-	-

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Indeck-Corinth Ltd Partnership	-	-	77,743	-	-	-	-	-	627
Indeck Corinth Energy Center (NY)	-	-	77,743	-	-	-	-	-	627
Indeck Rockford Energy Center (IL)	-	-	-	-	-	-	-	-	-
Indeck-Energy Serv Silver Sprg.	-	-	39,383	-	-	-	-	-	347
Indeck Silver Springs Energy Center (NY).....	-	-	39,383	-	-	-	-	-	347
Indeck-Ilion Ltd Partnership	-	-	8,987	-	-	-	-	-	78
Indeck Ilion Energy Center (NY).....	-	-	8,987	-	-	-	-	-	78
Indeck-Maine Energy LLC	-	-	11	-	-	11,190	-	-	0
Indeck Jonesboro Energy Center (ME).....	-	-	-	-	-	-	-	-	-
Indeck West Enfield Energy Center (ME).....	-	-	11	-	-	11,190	-	-	0
Indeck-Olean Ltd Partnership	-	-	8,109	-	-	-	-	-	69
Indeck Olean Energy Center (NY).....	-	-	8,109	-	-	-	-	-	69
Indeck-Oswego Ltd Partnership	-	-	12,492	-	-	-	-	-	118
Indeck Oswego Energy Center (NY)	-	-	12,492	-	-	-	-	-	118
Indeck-Pepperell Power Assoc	-	22	3,990	-	-	-	-	0	32
Indeck Pepperell (MA).....	-	22	3,990	-	-	-	-	0	32
Indeck-Yerkes Ltd Partnership	-	31	5,293	-	-	-	-	0	60
Indeck Yerkes Energy Center (NY).....	-	31	5,293	-	-	-	-	0	60
Independent Power Americas Inc.	-	-	93,553	-	-	-	-	-	1,012
Manchief (TX).....	-	-	93,553	-	-	-	-	-	1,012
Indiantown Cogeneration LP	-	-	-	-	-	-	-	-	-
Indiantown Cogen (FL).....	-	-	-	-	-	-	-	-	-
Ingersoll Milling	-	-	-	-	-	-	-	-	-
Ingersoll Milling Machine Co (IL).....	-	-	-	-	-	-	-	-	-
Ingleside Cogeneration LP	-	-	199,009	-	-	-	-	-	1,861
Ingleside Cogen (TX).....	-	-	199,009	-	-	-	-	-	1,861
Inland Container Corp.	-	-	1,273	-	-	23,457	-	-	440
Inland Paperboard and Packaging (TX).....	-	-	1,273	-	-	23,457	-	-	440
Inland Paperboard & Pack'g Inc.	33,047	-	-	-	-	-	15	14	2
Rome Linerboard Mill (GA).....	33,047	-	-	-	-	-	15	14	2
Inland Steel Co.	-	-	3,444	-	-	-	-	-	4,808
2 AC Station (IN).....	-	-	249	-	-	-	-	-	4,808
4 AC Station (IN).....	-	-	-	-	-	-	-	-	-
Expander Turbine (IN).....	-	-	3,195	-	-	-	-	-	-
Intercontinental Energy Corp.	-	-	429,746	-	-	-	-	-	3,473
Bellingham Cogen (MA).....	-	-	241,776	-	-	-	-	-	1,904
Sayreville Cogen (NJ).....	-	-	187,970	-	-	-	-	-	1,569
International Paper Co	6,392	5,260	9,125	-	-	59,992	22	45	541
Georgetown Mill (SC).....	6,386	2,927	438	-	-	37,782	11	20	17
Lock Haven Mill (PA).....	-	-	-	-	-	-	-	-	-
Texarkana Mill (TX).....	-	2,331	8,686	-	-	22,203	-	21	492
Thilmany Pulp Paper (WI).....	6	2	1	-	-	7	11	3	31
International Paper Co-Padgett	18,232	1,292	8,413	-	-	11,884	17	5	188
International Paper Augusta Mill (GA).....	18,232	1,292	8,413	-	-	11,884	17	5	188
International Turbine Res Inc.	-	-	-	-	-	1,801	-	-	-
Dinosaur Point (CA).....	-	-	-	-	-	1,801	-	-	-
IPC-Androscoggin Mill	-	455	21,663	3,253	-	32,040	-	2	592
Androscoggin Mill (ME).....	-	455	21,663	-	-	32,040	-	2	592
Jay Hydro (ME).....	-	-	-	808	-	-	-	-	-
Livermore Hydro (ME).....	-	-	-	1,291	-	-	-	-	-
Riley Hydro (ME).....	-	-	-	1,154	-	-	-	-	-

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
IPC-Camden	-	-	-	-	-	-	-	-	-
Camden Mill (AR).....	-	-	-	-	-	-	-	-	-
IPC-Louis	178	-	6,525	-	-	33,800	0	-	260
Louisiana Mill (LA).....	178	-	6,525	-	-	33,800	0	-	260
IPC-Mansfield Mill	998	686	16,340	-	-	47,678	1	4	239
Mansfield Mill (LA).....	998	686	16,340	-	-	47,678	1	4	239
IPC-Natchez	-	-	-	-	-	-	-	-	-
Natchez Mill (MS).....	-	-	-	-	-	-	-	-	-
IPC-Pine	-	-	4,199	-	-	53,501	-	-	292
IPC Pine Bluff Mill (AR).....	-	-	-	-	-	45,450	-	-	56
Pineville Mill (LA).....	-	-	4,199	-	-	8,051	-	-	237
IPC-Riverdale Road	-	273	24,760	-	-	12,277	-	2	736
Riverdale Mill (AL).....	-	273	24,760	-	-	12,277	-	2	736
IPC-Ticonderoga	-	10,475	-	-	-	15,995	-	47	-
Ticonderoga Mill (NY).....	-	10,475	-	-	-	15,995	-	47	-
IPC-Vicks	-	-	3,812	-	-	13,136	-	-	202
Vicksburg Mill (MS).....	-	-	3,812	-	-	13,136	-	-	202
Islip Resource Recovery Agency	-	-	-	-	-	-	-	-	-
Mac Arthur Waste to Energy Facility (NY).....	-	-	-	-	-	-	-	-	-
James River Corp	-	7,187	-	-	-	8,819	8	69	200
Naheola Mill (AL).....	-	-	-	-	-	-	8	47	200
Old Town Division (ME).....	-	7,187	-	-	-	23	-	22	-
St Francisville Mill (LA).....	-	-	-	-	-	8,796	-	-	-
Jefferson Smurfit Corp	-	-	-	-	-	52,377	-	-	-
Jefferson Smurfit Corp (FL).....	-	-	-	-	-	52,377	-	-	-
Jefferson Smurfit Corp-LA	-	-	-	-	-	-	-	-	-
Smurfit Stone Container Corp (CA).....	-	-	-	-	-	-	-	-	-
John Deere Harvester Works Co	-	-	-	-	-	-	-	-	-
John Deere Harvester Works (IL).....	-	-	-	-	-	-	-	-	-
Kaiser Aluminum&Chemical Corp	-	-	21,200	-	-	-	-	-	542
Kaiser Aluminum (LA).....	-	-	21,200	-	-	-	-	-	542
Kalaeloa Partners LP	-	95,219	33,089	-	-	-	-	184	-
Kalaeloa Cogeneration Plant (HI).....	-	95,219	33,089	-	-	-	-	184	-
Kenetech Windpower Inc	-	-	-	-	-	50,531	-	-	-
Altamont Pass Windplant (CA).....	-	-	-	-	-	50,531	-	-	-
Kent County	-	-	-	-	-	-	-	-	-
Kent County Waste to Energy (MI).....	-	-	-	-	-	-	-	-	-
Kern Front Ltd	-	-	34,577	-	-	-	-	-	339
Kern Front (CA).....	-	-	34,577	-	-	-	-	-	339
Kern River Cogeneration Co	-	-	221,100	-	-	-	-	-	2,627
Kern River Cogen (CA).....	-	-	221,100	-	-	-	-	-	2,627
KES Chateaugay LP	-	-	-	-	-	9,360	-	-	-
Chateaugay (NY).....	-	-	-	-	-	9,360	-	-	-
KeySpan-Ravenswood Inc	-	18,969	278,024	-	-	-	-	33	2,955
Ravenswood (NY).....	-	18,969	278,024	-	-	-	-	33	2,955
KIAC Partners	-	-	53,500	-	-	-	-	-	428
Kennedy Int Airport Cogen (NY).....	-	-	53,500	-	-	-	-	-	428

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Kimberly-Clark Corp.	15,544	16,982	49	-	-	545	21	10	1
Chester Ops (PA).....	15,544	16,982	49	-	-	545	21	10	1
Kinder Morgan Power Co	-	-	14,751	-	-	-	-	-	115
Jackson MI Facility (MI).....	-	-	14,751	-	-	-	-	-	115
King County Dept-Natural Res	-	-	-	-	-	1,413	-	-	-
West Point Treatment Plant (WA).....	-	-	-	-	-	1,413	-	-	-
Klamath Falls City of	-	-	288,427	-	-	-	-	-	2,057
Klamath Cogen (OR).....	-	-	288,427	-	-	-	-	-	2,057
KN/Thermo LLC	-	-	18,535	-	-	-	-	-	209
Thermo Greeley Inc (CO).....	-	-	18,535	-	-	-	-	-	209
Koch Petroleum Group LP	-	-	24,288	-	-	-	-	13	292
Koch Corpus Refinery (TX).....	-	-	24,288	-	-	-	-	13	292
Koppers Industries Inc	-	-	-	-	-	2,905	-	-	-
Susquehanna (PA).....	-	-	-	-	-	2,905	-	-	-
Lafarge Corp	25,189	-	-	-	-	-	32	-	-
LaFarge Corp Alpena (MI).....	25,189	-	-	-	-	-	32	-	-
Lake Benton Power Partners LLC	-	-	-	-	-	20,301	-	-	-
Lake Benton I (MN).....	-	-	-	-	-	20,301	-	-	-
Lake Cogen Ltd	-	-	57,061	-	-	-	-	-	441
Lake Cogen Ltd (FL).....	-	-	57,061	-	-	-	-	-	441
Lake Road Generating Co LP	-	20,118	437,334	-	-	-	-	33	2,182
Lake Road (CT).....	-	20,118	437,334	-	-	-	-	33	2,182
Lake Superior Paper Co	-	-	-	-	-	3,750	-	-	-
Duluth Paper Mill (MN).....	-	-	-	-	-	3,750	-	-	-
Lancaster County Solid WR Auth	-	-	-	-	-	-	-	-	-
Lancaster County Resource Recovery	-	-	-	-	-	-	-	-	-
Landfill Generating Partners	-	-	-	-	-	-	-	-	-
Orange County New York (NY).....	-	-	-	-	-	-	-	-	-
Las Vegas Cogeneration	-	-	-	-	-	-	-	-	-
Las Vegas Cogen LP (NV).....	-	-	-	-	-	-	-	-	-
Leathers LP	-	-	-	-	-	31,217	-	-	-
J M Leathers (CA).....	-	-	-	-	-	31,217	-	-	-
Lee County Board-Commissioners	-	-	-	-	-	-	-	-	-
Lee County Solid Waste Energy Recovery	-	-	-	-	-	-	-	-	-
L'Energia Ltd Partnership	-	-	1,562	-	-	-	-	-	14
UAE Lowell Power LLC (MA).....	-	-	1,562	-	-	-	-	-	14
L&G&E Westmoreland Rensselaer	-	-	1,271	-	-	-	-	-	11
Rensselaer Cogen (NY).....	-	-	1,271	-	-	-	-	-	11
Liberty Electric Power LLC	-	-	168,176	-	-	-	-	-	1,258
Liberty Electric Power LLC (PA).....	-	-	168,176	-	-	-	-	-	1,258
Little Rock Wastewater Utility	-	-	126	-	-	424	-	-	4
Fourche Creek Wastewater (AR).....	-	-	126	-	-	424	-	-	4
Live Oak Ltd	-	-	30,712	-	-	-	-	-	284
Live Oak Cogen (CA).....	-	-	30,712	-	-	-	-	-	284
Llano Estacado Wind LP	-	-	-	-	-	16,840	-	-	-
Llano Estacado Wind Ranch - White Deer	-	-	-	-	-	16,840	-	-	-
Lockport Energy Associates LP	-	6	84,071	-	-	-	-	0	1

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
LEA LP Lockport Cogen Facility (NY).....	-	6	84,071	-	-	-	-	0	1
Logan Generating Co LP	116,320	-	-	-	-	-	47	-	-
Logan (NJ).....	116,320	-	-	-	-	-	47	-	-
Long Beach Generation LLC	-	-	245	-	-	-	-	-	3
Long Beach Generation LLC (CA).....	-	-	245	-	-	-	-	-	3
Longview Fibre Co	-	76	5,660	-	-	23,771	-	1	282
Longview Fibre Co (WA).....	-	76	5,660	-	-	23,771	-	1	282
Los Angeles County Sanitation	-	-	3,401	-	-	10,919	-	-	40
Commerce Refuse To Energy (CA).....	-	-	363	-	-	-	-	-	6
Palos Verdes Gas to Energy (CA).....	-	-	1,077	-	-	-	-	-	35
Puente Hills Energy Recovery (CA).....	-	-	-	-	-	-	-	-	-
Spadra Landfill Gas to Energy (CA).....	-	-	-	-	-	-	-	-	-
Total Energy Facilities (CA).....	-	-	1,961	-	-	10,919	-	-	-
Louisiana Generating LLC	920,652	2,736	-	-	-	-	619	6	-
Big Cajun (LA).....	-	-	-	-	-	-	-	-	-
Big Cajun 2 (LA).....	920,652	2,736	-	-	-	-	619	6	-
Louisiana Pacific Samoa Inc.	-	-	11,659	-	-	-	-	-	193
Pulp Mill Power House (CA).....	-	-	11,659	-	-	-	-	-	193
LSP Energy Ltd Partnership	-	-	38,554	-	-	-	-	-	275
Batesville (MS).....	-	-	38,554	-	-	-	-	-	275
LSP-Cottage Grove LP	-	-	24,360	-	-	-	-	-	206
Cogentrix LSP Cottage Grove (MN).....	-	-	24,360	-	-	-	-	-	206
LSP-Whitewater LP	-	-	54,822	-	-	-	-	-	428
Whitewater Cogen (WI).....	-	-	54,822	-	-	-	-	-	428
LTV Steel Co Inc	-	-	-	-	-	-	-	-	-
LTV Steel Cleveland Works (OH).....	-	-	-	-	-	-	-	-	-
LTV Steel Indiana Harbor Works (IN).....	-	-	-	-	-	-	-	-	-
Luz Solar Partners Ltd III	-	-	-	-	-	9,881	-	-	84
SEGS III (CA).....	-	-	-	-	-	9,881	-	-	84
Luz Solar Partners Ltd IV	-	-	-	-	-	8,085	-	-	62
SEGS IV (CA).....	-	-	-	-	-	8,085	-	-	62
Luz Solar Partners Ltd IX	-	-	-	-	-	7,670	-	-	-
SEGS IX (CA).....	-	-	-	-	-	7,670	-	-	-
Luz Solar Partners Ltd V	-	-	-	-	-	8,109	-	-	60
SEGS V (CA).....	-	-	-	-	-	8,109	-	-	60
Luz Solar Partners Ltd VI	-	-	-	-	-	6,716	-	-	44
SEGS VI (CA).....	-	-	-	-	-	6,716	-	-	44
Luz Solar Partners Ltd VII	-	-	-	-	-	6,598	-	-	44
SEGS VII (CA).....	-	-	-	-	-	6,598	-	-	44
Luz Solar Partners Ltd VIII	-	-	63	-	-	7,249	-	-	1
SEGS VIII (CA).....	-	-	63	-	-	7,249	-	-	1
MacMillan Bloedel Packaging	338	958	6,617	-	-	37,927	1	6	252
Pine Hill Op (AL).....	338	958	6,617	-	-	37,927	1	6	252
Madison Generating Station LLC	-	-	5,654	-	-	-	-	-	67
Madison (OH).....	-	-	5,654	-	-	-	-	-	67
Madison Paper Industries Inc	-	1,326	-	7,476	-	-	-	17	-
Anson Abenaki Hydros (ME).....	-	1,326	-	7,476	-	-	-	17	-
Maine Energy Recovery Co	-	-	258	-	-	-	-	-	3
Maine Energy Recovery Co (ME).....	-	-	258	-	-	-	-	-	3

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Mammoth Pacific LP	-	-	-	-	-	19,175	-	-	-
Mammoth Pacific I (CA).....	-	-	-	-	-	3,474	-	-	-
Mammoth Pacific II (CA).....	-	-	-	-	-	7,335	-	-	-
Ples I (CA).....	-	-	-	-	-	8,366	-	-	-
March Point Cogeneration Co	-	456	97,470	-	-	-	-	1	1,129
March Point Cogen (WA).....	-	456	97,470	-	-	-	-	1	1,129
Martinez Refining Co	-	-	65,417	-	-	-	-	-	688
Martinez Refining (CA).....	-	-	65,417	-	-	-	-	-	688
Maryland Dept-Pub Safety&Corr	-	634	-	-	-	-	-	1	-
Eastern Correctional Institute (MD).....	-	634	-	-	-	-	-	1	-
Massachusetts Bay Trans Auth	-	-	-	-	-	-	-	-	-
M Street Jet (MA).....	-	-	-	-	-	-	-	-	-
Massachusetts Water Res Auth	-	183	-	337	-	1,373	-	1	-
Deer Island Treatment Plant (MA).....	-	183	-	337	-	1,373	-	1	-
Winsor Dam Power Station (MA).....	-	-	-	-	-	-	-	-	-
MASSPOWER	-	1	170,726	-	-	-	-	0	1,417
Masspower (MA).....	-	1	170,726	-	-	-	-	0	1,417
McKittrick Ltd	-	-	28,149	-	-	-	-	-	256
McKittrick Cogen (CA).....	-	-	28,149	-	-	-	-	-	256
Mead Coated Board Inc	-	326	14,324	-	-	46,941	-	3	260
Mead Coated Board Inc (AL).....	-	326	14,324	-	-	46,941	-	3	260
Mead Corp	30,974	1,401	47,767	15,637	-	72,121	27	13	202
Mead Corp (ME).....	-	835	1,879	-	-	-	-	11	152
Mead Paper Division (ME).....	17,470	566	45,888	-	-	22,639	17	2	50
Rumford Cogen (ME).....	13,504	-	-	-	-	49,482	10	-	-
Rumford Falls Power Co (ME).....	-	-	-	15,637	-	-	-	-	-
Mead Paper Corp	19,206	608	10,919	-	-	28,491	16	2	215
Mead Paper (MI).....	19,206	608	10,919	-	-	28,491	16	2	215
Mecklenberg Cogeneration LP	44,022	357	-	-	-	-	22	1	-
Mecklenburg Cogen (VA).....	44,022	357	-	-	-	-	22	1	-
Medical Area Totl Enrgy Plt Inc	-	-	-	-	-	-	-	-	-
Medical Area Total Energy (MA).....	-	-	-	-	-	-	-	-	-
Mendota Biomass Power Ltd	-	-	-	-	-	13,229	-	-	-
AES Mendota (CA).....	-	-	-	-	-	13,229	-	-	-
Merchant Energy Partners	-	-	23,378	-	-	-	-	-	181
Aries (MO).....	-	-	23,378	-	-	-	-	-	181
Merck & Co Inc	-	79	1,797	-	-	178	-	1	119
Merck Rahway (NJ).....	-	79	1,797	-	-	178	-	1	119
Merck & Co Inc-West Point	-	-	-	-	-	-	-	-	-
West Point (PA).....	-	-	-	-	-	-	-	-	-
Merrimac Paper Co Inc	-	136	-	-	-	-	-	4	-
Merrimac Paper Co Inc (MA).....	-	136	-	-	-	-	-	4	-
Metro Dade County	-	-	4	-	-	-	-	-	0
Miami Dade County Resources (FL).....	-	-	4	-	-	-	-	-	0
Metropolitan Wastewater Reclam	-	-	-	-	-	2,527	-	-	-
Metro Wastewater Reclamation District	-	-	-	-	-	2,527	-	-	-
Trigen-Colorado Metro (CO).....	-	-	-	-	-	-	-	-	-
Miami Dade Water & Sewer Auth	-	-	-	-	-	7,260	-	-	-
Central District Wastewater (FL).....	-	-	-	-	-	1,674	-	-	-

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
South District Wastewater (FL).....	-	-	-	-	-	5,586	-	-	-
Michigan Automotive Research	-	-	-	-	-	-	-	-	-
Lotus Engineering Inc (MI).....	-	-	-	-	-	-	-	-	-
Michigan Power Ltd Partnership	-	-	154,135	-	-	-	-	-	852
Michigan Power (MI)	-	-	154,135	-	-	-	-	-	852
Michigan State University	21,107	-	265	-	-	-	19	-	6
T B Simon (MI)	21,107	-	265	-	-	-	19	-	6
Mid-America Power LLC	1,552	-	-	-	-	-	1	-	-
E J Stoneman Station (WI)	1,552	-	-	-	-	-	1	-	-
Mid-Continent Power Co Inc	-	-	28,691	-	-	-	-	-	418
Calpine Pryor Inc (OK)	-	-	28,691	-	-	-	-	-	418
Middletown Power LLC	-	6,247	2,571	-	-	-	-	13	33
NRG Middletown Ops Inc (CT).....	-	6,247	2,571	-	-	-	-	13	33
Mid-Georgia CoGen LP	-	-	28,188	-	-	-	-	-	223
Mid Georgia Cogen (GA).....	-	-	28,188	-	-	-	-	-	223
Midlothian Energy LP	-	-	546,194	-	-	-	-	-	4,024
Midlothian Energy Facility (TX).....	-	-	546,194	-	-	-	-	-	4,024
Mid-States NGV Coalition	-	-	-	-	-	2,948	-	-	-
Mill Run Windpower (PA)	-	-	-	-	-	2,948	-	-	-
Midway-Sunset Cogeneration Co	-	-	173,275	-	-	-	-	-	1,876
Midway Sunset Cogen (CA)	-	-	173,275	-	-	-	-	-	1,876
Midwest Generations EME LLC	2,376,397	6,387	24,114	-	-	-	1,439	14	343
Bloom (IL)	-	-	-	-	-	-	-	-	-
Calumet (IL)	-	-	374	-	-	-	-	-	7
Collins (IL)	-	4,500	13,794	-	-	-	-	9	186
Crawford (IL)	252,311	-	549	-	-	-	138	-	7
Electric Junction (IL).....	-	-	2,397	-	-	-	-	-	46
Fisk Street (IL).....	43,325	320	-	-	-	-	24	1	0
Joliet 29 (IL)	452,965	-	2,662	-	-	-	281	-	40
Joliet 9 (IL)	122,158	-	1,391	-	-	-	76	-	10
Lombard (IL)	-	-	338	-	-	-	-	-	5
Powerton (IL)	699,416	-	185	-	-	-	451	-	3
Sabrooke (IL)	-	-	1,556	-	-	-	-	-	26
Waukegan (IL).....	383,488	80	868	-	-	-	230	0	13
Will County (IL).....	422,734	1,487	-	-	-	-	239	4	-
Midwest Wind Developers	-	-	-	-	-	-	-	-	-
Alta Iowa Storm Lake I (IA)	-	-	-	-	-	-	-	-	-
Milford Power Ltd Partnership	-	-	36,714	-	-	-	-	-	298
Milford Power LP (MA)	-	-	36,714	-	-	-	-	-	298
Millennium Power Partners LP	-	-	260,070	-	-	-	-	-	1,784
Millennium Power (MA).....	-	-	260,070	-	-	-	-	-	1,784
Minnesota Mining & Mfg Co	-	56	2,568	-	-	-	-	0	24
3M Central (TX).....	-	56	2,568	-	-	-	-	0	24
Mirant Canal LLC	-	475,895	7	-	-	-	-	715	0
Canal (MA).....	-	475,895	7	-	-	-	-	715	0
Oak Bluffs (MA)	-	-	-	-	-	-	-	-	-
West Tisbury (MA)	-	-	-	-	-	-	-	-	-
Mirant Chalk Point LLC	372,652	121,199	26,118	-	-	-	145	186	264
Chalk Point (MD)	372,652	121,199	26,118	-	-	-	145	186	264
Mirant Corp	-	-	175,972	-	-	-	-	-	1,213
SE1 Texas Bosque County Peaking Plant	-	-	175,972	-	-	-	-	-	1,213

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Mirant Kendall LLC	-	5,153	12,899	-	-	-	-	12	204
Kendall Square (MA)	-	5,153	12,899	-	-	-	-	12	204
Mirant Mid-Atlantic LLC	533,157	2,818	17,845	-	-	-	195	5	213
Dickerson (MD).....	119,168	1,239	17,845	-	-	-	50	2	213
Morgantown (MD)	413,989	1,579	-	-	-	-	146	2	-
Mirant Potomac River LLC	188,121	1,362	-	-	-	-	81	3	-
Potomac River (VA).....	188,121	1,362	-	-	-	-	81	3	-
Mirant Sugar Creek LLC	-	-	42,008	-	-	-	-	-	324
Mirant Sugar Creek Power Plant (IN).....	-	-	42,008	-	-	-	-	-	324
Mirant Zeeland (MI).....	-	-	42,479	-	-	-	-	-	324
Mobil Oil Corp-Beaumont	-	-	-	-	-	-	-	-	-
Beaumont Refinery (TX).....	-	-	-	-	-	-	-	-	-
Mobil Oil Corp-Joliet	-	1,730	31,139	-	-	-	-	9	881
Paulsboro Refinery (NJ).....	-	1,730	31,139	-	-	-	-	9	881
Mobil Oil Corp-Torrance	-	-	19,093	-	-	-	-	-	207
Torrance Refinery (CA).....	-	-	19,093	-	-	-	-	-	207
Mobile Energy LLC	-	-	2,553	-	-	-	-	-	20
Hog Bayou Energy Center (AL).....	-	-	2,553	-	-	-	-	-	20
Mobile Energy Service Holdings	10,895	-	-	-	-	25,972	13	-	-
Mobile Energy Services Co LLC (AL).....	10,895	-	-	-	-	25,972	13	-	-
Mojave Cogeneration Co	-	-	28,327	-	-	-	-	-	307
Mojave Cogeneration Co (CA)	-	-	28,327	-	-	-	-	-	307
Monsanto Co	-	685	43,392	-	-	-	-	4	3,486
Pensacola Florida (FL).....	-	685	43,392	-	-	-	-	4	3,486
Montenay Montgomery LP	-	67	-	-	-	-	-	0	-
Montenay Montgomery LP (PA).....	-	67	-	-	-	-	-	0	-
Morgantown Energy Associates	25,227	-	-	-	-	-	24	-	-
Morgantown Energy (WV).....	25,227	-	-	-	-	-	24	-	-
Morrill Worcester	-	-	-	-	-	-	-	-	-
Worcester Energy Co Inc (ME).....	-	-	-	-	-	-	-	-	-
Mosinee Paper Corp	1,616	-	-	2,350	-	6,949	6	-	-
Wausau Mosinee Paper Corp Pulp (WI).....	1,616	-	-	2,350	-	6,949	6	-	-
Motiva Enterprises LLC	-	-	42,470	-	-	-	-	-	482
Port Arthur Refinery (TX).....	-	-	42,470	-	-	-	-	-	482
Mountain Petroleum Corp	-	-	-	-	-	15,720	-	-	-
Mountain View I (CA)	-	-	-	-	-	15,720	-	-	-
Mountain Petroleum Ltd	-	-	-	-	-	7,570	-	-	-
Mountain View II (CA)	-	-	-	-	-	7,570	-	-	-
Mountainview Power Co Inc	-	-	-	-	-	-	-	-	-
Mountainview Power Co LLC (CA).....	-	-	-	-	-	-	-	-	-
MRWPCA	-	-	127	-	-	272	-	-	2
Monterey Regional Water Pollut (CA)	-	-	127	-	-	272	-	-	2
Mt Lassen Power	-	-	-	-	-	3,465	-	-	-
Mt Lassen (CA)	-	-	-	-	-	3,465	-	-	-
Mt Poso Cogeneration Co	33,889	9,675	160	-	-	-	15	4	2
Mt Poso Cogen (CA).....	33,889	9,675	160	-	-	-	15	4	2

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Multitrade-Pittsylvania Cnty	-	-	-	-	-	21,074	-	-	-
Multitrade of Pittsylvania County LP Plant (.....)	-	-	-	-	-	21,074	-	-	-
MWRD:W/SW Facility	-	-	-	-	-	216	-	-	-
Stickney Water Reclamation (IL).....	-	-	-	-	-	216	-	-	-
Naniwa Energy LLC	-	-	-	-	-	-	-	-	-
Tri-Center - Naniwa Energy (NV)	-	-	-	-	-	-	-	-	-
Nelson Industrial Steam Co	-	114,728	1,708	-	-	-	-	43	18
Nelson Industrial Steam Co (LA).....	-	114,728	1,708	-	-	-	-	43	18
Nevada Cogeneration Assoc # 1	-	-	63,061	-	-	-	-	-	552
Nevada Cogen Assoc 1 Grnt Vly (NV).....	-	-	63,061	-	-	-	-	-	552
Nevada Cogeneration Assoc # 2	-	-	59,391	-	-	-	-	-	534
Nevada Cogen Assoc#2 Black Mtn Plant	-	-	59,391	-	-	-	-	-	534
Nevada Sun-Peak Ltd Partners	-	-	10,589	-	-	-	-	-	105
Nevada Sun Peak Project (NV).....	-	-	10,589	-	-	-	-	-	105
New Albany Power I LLC	-	-	99	-	-	-	-	-	1
New Albany (MS)	-	-	99	-	-	-	-	-	1
New Century Energies	-	-	41,664	-	-	-	-	-	482
Arapahoe Combustion Turbine (CO).....	-	-	41,664	-	-	-	-	-	482
New Hanover County	-	-	9	-	-	-	-	-	1
New Hanover County Wastec (NC).....	-	-	9	-	-	-	-	-	1
New Martinsville City of	-	-	-	12,993	-	-	-	-	-
New Martinsville Hydro (WV)	-	-	-	12,993	-	-	-	-	-
New World Power Corp	-	-	-	-	-	4,510	-	-	-
Big Spring Wind Power (TX).....	-	-	-	-	-	4,510	-	-	-
Newark Bay Cogen Partners LP	-	-	2,886	-	-	-	-	-	153
Newark Bay Cogen (NJ)	-	-	2,886	-	-	-	-	-	153
Newman & Co Inc	-	-	1,077	-	-	-	-	-	47
Newman Co Inc (PA)	-	-	1,077	-	-	-	-	-	47
NGE Eneterprises Inc	-	-	-	-	-	-	-	-	-
South Glens Falls Energy LLC (NY).....	-	-	-	-	-	-	-	-	-
Nissequoque Cogen Partners	-	-	25,924	-	-	-	-	-	300
Stony Brook Cogen (NY).....	-	-	25,924	-	-	-	-	-	300
Norcon Power Partners LP	-	-	2,159	-	-	-	-	-	20
North East Cogen (PA).....	-	-	2,159	-	-	-	-	-	20
Northampton Generating Co LP	-	-	-	-	-	-	-	-	-
Northampton Generating Co LP (PA).....	-	-	-	-	-	-	-	-	-
Northbrook Carolina Hydro LLC	-	-	-	1,340	-	-	-	-	-
Boys Mill Hydro (SC)	-	-	-	195	-	-	-	-	-
Hollidays Bridge Hydro (SC).....	-	-	-	705	-	-	-	-	-
Saluda (SC).....	-	-	-	331	-	-	-	-	-
Turner Shoals (NC)	-	-	-	109	-	-	-	-	-
Northeast Empire LP #1	-	-	-	-	-	-	-	-	-
Beaver Livermore Falls (ME)	-	-	-	-	-	-	-	-	-
Northeast Empire LP #2	-	-	-	-	-	-	-	-	-
Beaver Ashland (ME).....	-	-	-	-	-	-	-	-	-
Northeast Generation Serv Co	-	-36	-	-27,320	-	-	-	1	-
Bantam (CT).....	-	-	-	1	-	-	-	-	-
Bulls Bidge (CT).....	-	-	-	1,686	-	-	-	-	-
Cabot (MA).....	-	-	-	9,966	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Cobble Mt (MA).....	-	-	-	1,088	-	-	-	-	-
Fls Village (CT).....	-	-	-	718	-	-	-	-	-
Northfld Mt (MA).....	-	-	-	-49,877	-	-	-	-	-
Robertsve (CT).....	-	-	-	10	-	-	-	-	-
Rocky River (CT).....	-	-	-	332	-	-	-	-	-
S MEADOW (CT).....	-	-22	-	-	-	-	-	0	-
Scotland Dm (CT).....	-	-	-	121	-	-	-	-	-
Shepaug (CT).....	-	-	-	3,667	-	-	-	-	-
Stevenson (CT).....	-	-	-	3,297	-	-	-	-	-
Taftville (CT).....	-	-	-	176	-	-	-	-	-
Tunnel (CT).....	-	-14	-	75	-	-	-	1	-
Turners Fl (MA).....	-	-	-	1,420	-	-	-	-	-
Northeast Maryland W D Auth.....	-	-	128	-	-	-	-	-	2
Montgomery County Resource Recovery	-	-	128	-	-	-	-	-	2
Northeastern Power Co.....	35,673	261	-	-	-	34	54	1	-
Kline Township Cogen (PA).....	35,673	261	-	-	-	34	54	1	-
Northern Alternative Energy	-	-	-	-	-	6,780	-	-	-
Agassiz Beach LLC (MN).....	-	-	-	-	-	334	-	-	-
Autumn Hill LLC (MN).....	-	-	-	-	-	445	-	-	-
Florence Hill LLC (MN).....	-	-	-	-	-	423	-	-	-
Hadley Ridge LLC (MN).....	-	-	-	-	-	433	-	-	-
Hope Creek LLC (MN).....	-	-	-	-	-	429	-	-	-
Jack River LLC (MN).....	-	-	-	-	-	443	-	-	-
Jessica Mills LLC (MN).....	-	-	-	-	-	437	-	-	-
Julia Hills LLC (MN).....	-	-	-	-	-	462	-	-	-
Ruthon Ridge LLC (MN).....	-	-	-	-	-	449	-	-	-
Soliloquoy Ridge LLC (MN).....	-	-	-	-	-	437	-	-	-
Spartan Hills LLC (MN).....	-	-	-	-	-	433	-	-	-
Sun River LLC (MN).....	-	-	-	-	-	451	-	-	-
Tsar Nicholas LLC (MN).....	-	-	-	-	-	450	-	-	-
Twin Lake Hill LLC (MN).....	-	-	-	-	-	423	-	-	-
Wilmont Hill LLC (MN).....	-	-	-	-	-	281	-	-	-
Winter Spawn LLC (MN).....	-	-	-	-	-	450	-	-	-
Northern Electric Power Co LP.....	-	-	-	9,576	-	-	-	-	-
Hudson Falls Hydro (NY).....	-	-	-	9,576	-	-	-	-	-
Northern Intrastate P/L Co.....	-	-	-	-	-	6,100	-	-	-
Top of Iowa (IA).....	-	-	-	-	-	6,100	-	-	-
Northern Sun/ADM-Enderlin K80.....	-	-	-	-	-	-	-	-	-
Enderlin (ND).....	-	-	-	-	-	-	-	-	-
Northlake Energy	-	-	32,340	-	-	-	-	-	7,532
5 AC Station (IN).....	-	-	32,340	-	-	-	-	-	7,532
Northwind Energy Inc.....	-	-	-	-	-	-	-	-	-
Northwind Energy Inc (CA).....	-	-	-	-	-	-	-	-	-
Norwalk Harbor Power LLC.....	-	17,819	-	-	-	-	-	111	-
NRG Norwalk Harbor (CT).....	-	17,819	-	-	-	-	-	111	-
Nose Rock Inc.....	-	-	-	-	-	-	-	-	-
Klondike Wind Farm (OR).....	-	-	-	-	-	-	-	-	-
Novactis Pharmaceuticals Corp.....	-	-	1,058	-	-	-	-	-	0
Novartis Pharmaceuticals (NJ).....	-	-	1,058	-	-	-	-	-	0
NRG Energy Arthur Kill.....	39,360	1,542	-	-	-	-	15	2	-
Somerset (MA).....	39,360	1,542	-	-	-	-	15	2	-
NRG Generating Newark	-	-	33,336	-	-	-	-	-	300
Calpine Newark Inc (NJ).....	-	-	33,336	-	-	-	-	-	300
NRG Huntley Operations Inc.....	235,493	-	-	-	-	-	122	1	-
Huntley (NY).....	235,493	-	-	-	-	-	122	1	-

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
NRG Huntley Power LLC	345,714	-	-	-	-	-	132	1	-
Dunkirk (NY)	345,714	-	-	-	-	-	132	1	-
NRG Montville Operations Inc	-	6,330	613	-	-	-	-	13	8
Montville (CT)	-	6,330	613	-	-	-	-	13	8
NRG South Central Generatg LLC	-	-	-	-	-	-	-	-	-
NRG Sterlington Power LLC (LA)	-	-	-	-	-	-	-	-	-
NUI Corp	-	-	-	-	-	19,941	-	-	-
NWP Indian Mesa Wind Farm (TX)	-	-	-	-	-	19,941	-	-	-
Oak Creek Energy System Inc II	-	-	-	-	-	7,769	-	-	-
Oak Creek Energy Systems Inc (CA)	-	-	-	-	-	7,769	-	-	-
O'Brien Biogas IV LLC	-	-	-	-	-	-	-	-	-
O'Brien Biogas IV LLC (NJ)	-	-	-	-	-	-	-	-	-
Occidental Chemical Corp	-	-	139,431	-	-	-	-	-	1,393
Deer Park (TX)	-	-	-	-	-	-	-	-	-
Houston Chemical Complex Battle (TX)	-	-	139,431	-	-	-	-	-	1,393
Ocean County Utilities Auth	-	-	-	-	-	208	-	-	-
Bayville Central Facility (NJ)	-	-	-	-	-	208	-	-	-
Ocean State Power Co	-	-	54,351	-	-	-	-	-	455
Ocean State (RI)	-	-	54,351	-	-	-	-	-	455
Ocean State Power II	-	-	118,995	-	-	-	-	-	1,027
Ocean State II (RI)	-	-	118,995	-	-	-	-	-	1,027
Odessa-Ector Power Partners LP	-	-	526,492	-	-	-	-	-	3,364
Odessa-Ector Generating Station (TX)	-	-	526,492	-	-	-	-	-	3,364
Ogden Projects Inc-Hall	-	-	-	-	-	-	-	-	-
Walter B Hall Resource Recovery Facility	-	-	-	-	-	-	-	-	-
Ogden Energy Group Inc-Stanislaus	-	68	-	-	-	-	-	0	-
Hennepin Energy Resource Co LP (MN)	-	-	-	-	-	-	-	-	-
I 95 Energy Resource Recovery Facility	-	-	-	-	-	-	-	-	-
Stanislaus Resource Recovery (CA)	-	68	-	-	-	-	-	0	-
Ogden Energy Group Inc-Warren	-	-	-	-	-	-	-	-	-
Warren Energy Resource Co (NJ)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Babylon	-	33	-	-	-	-	-	0	-
Babylon Resource Recovery (NY)	-	33	-	-	-	-	-	0	-
Ogden Projects Inc-Bristol	-	-	25	-	-	-	-	-	1
Bristol Resource Recovery (CT)	-	-	25	-	-	-	-	-	1
Ogden Projects Inc-Haverhill	-	-	-	-	-	-	-	-	-
OHA Haverhill Mass Burn Waste to Energy	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Huntington	-	-	-	-	-	-	-	-	-
Huntington Resource Recovery (NY)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Lake County	-	-	-	-	-	-	-	-	-
Lake County Resource Recovery (FL)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Marion	-	-	-	-	-	-	-	-	-
Ogden Martin Systems of Marion Inc (OR)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Onondaga	-	-	-	-	-	-	-	-	-
Onondaga County Resource Recovery (NY)	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Wallingford	-	109	-	-	-	-	-	0	-
Wallingford Resource Recovery Facility	-	109	-	-	-	-	-	0	-
Oildale Energy LLC	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Oildale Cogen (CA).....	-	-	-	-	-	-	-	-	-
Okeelanta Power LP.....	-	729	1,785	-	-	37,917	-	4	56
Okeelanta Cogen (FL).....	-	729	1,785	-	-	37,917	-	4	56
Oklahoma State University.....	-	-	991	-	-	-	-	-	53
Oklahoma State University (OK).....	-	-	991	-	-	-	-	-	53
Oleander Power Project LP.....	-	38,217	114,494	-	-	-	-	74	1,151
Oleander Power Project LP (FL).....	-	38,217	114,494	-	-	-	-	74	1,151
Omaha City of.....	-	-	236	-	-	710	-	-	3
Missouri River Wastewater (NE).....	-	-	17	-	-	524	-	-	0
Papillion Creek Wastewater (NE).....	-	-	219	-	-	186	-	-	3
Oneida County Industri Dev Agcy.....	-	2	8,407	-	-	-	-	0	73
Sterling Energy (NY).....	-	2	8,407	-	-	-	-	0	73
Oneok Power Marketing Co.....	-	-	3,287	-	-	-	-	-	40
Spring Creek Power Plant (OK).....	-	-	3,287	-	-	-	-	-	40
Orange Cogeneration LP.....	-	-	35,697	-	-	-	-	-	254
Orange Cogen (FL).....	-	-	35,697	-	-	-	-	-	254
Orion Power MidWest LP.....	1,100,796	1,127	900	-	-	-	477	3	20
Avon Lake (OH).....	391,733	443	-	-	-	-	173	1	-
Brunot Island (PA).....	-	-35	830	-	-	-	-	0	19
Ceredo (WV).....	-	-	-	-	-	-	-	-	-
Cheswick (PA).....	344,511	-	70	-	-	-	138	-	1
Elrama (PA).....	174,926	432	-	-	-	-	79	1	-
New Castle (PA).....	115,538	133	-	-	-	-	53	0	-
Niles (OH).....	74,088	154	-	-	-	-	34	0	-
Orion Power New York.....	-	52,487	187,177	149,767	-	-	-	102	2,190
Allens Falls (NY).....	-	-	-	2,116	-	-	-	-	-
Astoria (NY).....	-	47,025	170,729	-	-	-	-	85	1,900
Beardslee (NY).....	-	-	-	5,161	-	-	-	-	-
Beebee Island (NY).....	-	-	-	4,000	-	-	-	-	-
Belfort (NY).....	-	-	-	159	-	-	-	-	-
Bennetts Bridge (NY).....	-	-	-	3,311	-	-	-	-	-
Black River (NY).....	-	-	-	3,160	-	-	-	-	-
Blake (NY).....	-	-	-	2,942	-	-	-	-	-
Browns Falls (NY).....	-	-	-	513	-	-	-	-	-
Chasm (NY).....	-	-	-	2,237	-	-	-	-	-
Colton (NY).....	-	-	-	11,357	-	-	-	-	-
Deferiet (NY).....	-	-	-	3,328	-	-	-	-	-
E J West (NY).....	-	-	-	2,038	-	-	-	-	-
Eagle (NY).....	-	-	-	1,154	-	-	-	-	-
East Norfolk (NY).....	-	-	-	869	-	-	-	-	-
Eel Weir (NY).....	-	-	-	355	-	-	-	-	-
Effley (NY).....	-	-	-	553	-	-	-	-	-
Elmer (NY).....	-	-	-	14	-	-	-	-	-
Ephratah (NY).....	-	-	-	1,262	-	-	-	-	-
Feeder Dam (NY).....	-	-	-	1,366	-	-	-	-	-
Five Falls (NY).....	-	-	-	4,635	-	-	-	-	-
Flat Rock (NY).....	-	-	-	656	-	-	-	-	-
Franklin (NY).....	-	-	-	853	-	-	-	-	-
Fulton (NY).....	-	-	-	462	-	-	-	-	-
Glenwood (NY).....	-	-	-	494	-	-	-	-	-
Gowanus Gas Turbines (NY).....	-	812	3,218	-	-	-	-	3	59
Granby (NY).....	-	-	-	1,694	-	-	-	-	-
Hannawa (NY).....	-	-	-	1,694	-	-	-	-	-
Herrings (NY).....	-	-	-	301	-	-	-	-	-
Heuvelton (NY).....	-	-	-	343	-	-	-	-	-
High Falls (NY).....	-	-	-	1,226	-	-	-	-	-
Higley (NY).....	-	-	-	1,762	-	-	-	-	-
Hydraulic Race (NY).....	-	-	-	1,385	-	-	-	-	-
Inghams (NY).....	-	-	-	2,979	-	-	-	-	-
Johnsonville (NY).....	-	-	-	617	-	-	-	-	-
Kamargo (NY).....	-	-	-	2,128	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Lighthouse Hill (NY).....	-	-	-	-	-	-	-	-	-
Macomb (NY).....	-	-	-	550	-	-	-	-	-
Minetto (NY).....	-	-	-	1,811	-	-	-	-	-
Moshier (NY).....	-	-	-	638	-	-	-	-	-
Narrows Gas Turbines (NY).....	-	4,650	13,230	-	-	-	-	14	230
Norfolk (NY).....	-	-	-	1,008	-	-	-	-	-
Norwood (NY).....	-	-	-	619	-	-	-	-	-
Oswego Falls East (NY).....	-	-	-	2,243	-	-	-	-	-
Oswego Falls West (NY).....	-	-	-	-	-	-	-	-	-
Parishville (NY).....	-	-	-	474	-	-	-	-	-
Piercefield (NY).....	-	-	-	1,080	-	-	-	-	-
Prosepect (NY).....	-	-	-	3,494	-	-	-	-	-
Rainbow Falls (NY).....	-	-	-	4,425	-	-	-	-	-
Raymondville (NY).....	-	-	-	513	-	-	-	-	-
Schaghticoke (NY).....	-	-	-	3,988	-	-	-	-	-
School Street (NY).....	-	-	-	15,040	-	-	-	-	-
Schuylerville (NY).....	-	-	-	552	-	-	-	-	-
Sewalls (NY).....	-	-	-	994	-	-	-	-	-
Sherman Island (NY).....	-	-	-	7,830	-	-	-	-	-
Soft Maple (NY).....	-	-	-	1,289	-	-	-	-	-
South Colton (NY).....	-	-	-	3,922	-	-	-	-	-
South Edwards (NY).....	-	-	-	1,241	-	-	-	-	-
Spier Falls (NY).....	-	-	-	9,456	-	-	-	-	-
Stark (NY).....	-	-	-	4,150	-	-	-	-	-
Stewarts Bridge (NY).....	-	-	-	4,309	-	-	-	-	-
Sugar Island (NY).....	-	-	-	1,288	-	-	-	-	-
Talcville (NY).....	-	-	-	19	-	-	-	-	-
Taylorville (NY).....	-	-	-	961	-	-	-	-	-
Trenton Falls (NY).....	-	-	-	8,122	-	-	-	-	-
Varick (NY).....	-	-	-	1,592	-	-	-	-	-
Waterport (NY).....	-	-	-	808	-	-	-	-	-
Yaleville (NY).....	-	-	-	227	-	-	-	-	-
Orlando CoGen Ltd LP	-	-	79,365	-	-	-	-	-	638
Orlando Cogen (FL).....	-	-	79,365	-	-	-	-	-	638
Ormesa Geothermal	-	-	-	-	-	10,184	-	-	-
Ormesa I (CA).....	-	-	-	-	-	10,184	-	-	-
Ormesa Geothermal 1H Trust	-	-	-	-	-	5,334	-	-	-
Ormesa 1H (CA).....	-	-	-	-	-	5,334	-	-	-
Ormesa Geothermal II	-	-	-	-	-	9,970	-	-	-
Ormesa Geothermal II (CA).....	-	-	-	-	-	9,970	-	-	-
Oswego Harbor Power LLC	-	-	-2,818	-	-	-	-	-	28
Oswego Harbor (NY).....	-	-	-2,818	-	-	-	-	-	28
Oxbow Geothermal Corp.	-	-	-	-	-	41,920	-	-	-
Oxbow Geothermal Corp Dixie Valley	-	-	-	-	-	41,920	-	-	-
Oxbow Power of Beowawe	-	-	-	-	-	8,836	-	-	-
Beowawe Inc (NV).....	-	-	-	-	-	8,836	-	-	-
Oxbow Power-N Tonawanda NY Inc	-	-	-	-	-	-	-	-	-
Oxbow Power of North Tonawanda (NY).....	-	-	-	-	-	-	-	-	-
Oxnard City of	-	-	-	-	-	-	-	-	-
Oxnard Wastewater Treatment (CA).....	-	-	-	-	-	-	-	-	-
Oyster Creek Ltd	-	-	200,862	-	-	-	-	-	2,043
Oyster Creek Unit VIII (TX).....	-	-	200,862	-	-	-	-	-	2,043
P H Glatfelter Co	27,139	323	-	-	-	27,573	26	1	-
P H Glatfelter Co (PA).....	27,139	323	-	-	-	27,573	26	1	-
Pacific Lumber Co	-	-	-	-	-	16,674	-	-	-
The Pacific Lumber Co (CA).....	-	-	-	-	-	16,674	-	-	-
Pacific Oroville Power Co	-	-	-	-	-	9,649	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Pacific Oroville Power Inc (CA).....	-	-	-	-	-	9,649	-	-	-
Pacific Ultrapower Chinese	-	-	-	-	-	10,571	-	-	-
Ultrapower Chinese Station (CA)	-	-	-	-	-	10,571	-	-	-
Pacific West I	-	-	-	-	-	808	-	-	-
Pacific West (CA).....	-	-	-	-	-	808	-	-	-
PacifiCorp Power Marketing Inc	-	-	908	-	-	-	-	-	10
Klamoth Expansion Project (OR).....	-	-	908	-	-	-	-	-	10
Palmer Hydroelectric	-	-	-	14,747	-	-	-	-	-
Curtis Palmer Hydroelectric (NY).....	-	-	-	14,747	-	-	-	-	-
Panda Energy International Inc	-	-	412,733	-	-	-	-	-	2,771
Lamar (TX).....	-	-	412,733	-	-	-	-	-	2,771
Panda-Brandywine LP	-	-	58,710	-	-	-	-	-	432
Panda Brandywine LP (MD).....	-	-	58,710	-	-	-	-	-	432
Panda-Rosemary LP	-	757	10,182	-	-	-	-	0	106
Panda Rosemary LP (NC).....	-	757	10,182	-	-	-	-	0	106
Panther Creek Partners	37,304	401	-	-	-	-	33	1	-
Panther Creek (PA).....	37,304	401	-	-	-	-	33	1	-
Parkedale Pharmaceuticals Inc	-	-	2,142	-	-	-	-	-	34
Parkedale Pharmaceuticals Inc (MI)	-	-	2,142	-	-	-	-	-	34
Pasadena Cogeneration LP	-	-	386,583	-	-	-	-	-	2,873
Pasadena Cogen (TX).....	-	-	386,583	-	-	-	-	-	2,873
Pasco Cogen Ltd	-	16	48,805	-	-	-	-	0	391
Pasco Cogen Ltd (FL).....	-	16	48,805	-	-	-	-	0	391
Pasco County	-	-	-	-	-	-	-	-	-
Pasco County Solid Waste Resource	-	-	-	-	-	-	-	-	-
Pawtucket Power Associates LP	-	143	749	-	-	-	-	0	7
Pawtucket Power Assoc (RI).....	-	143	749	-	-	-	-	0	7
PCS Phosphate	-	-	-	-	-	-	-	-	-
PCS Phosphate Co Inc Texasgulf (NC)	-	-	-	-	-	-	-	-	-
Pedersen Fleming L	-	-	-	-	-	10,468	-	-	-
Pecos Wind I (TX).....	-	-	-	-	-	10,468	-	-	-
Pedricktown Cogeneration LP	-	-	23,917	-	-	-	-	-	193
Pedricktown Cogen (NJ)	-	-	23,917	-	-	-	-	-	193
Peel Glenn W	-	-	-	-	-	9,042	-	-	-
Pecos Wind II (TX).....	-	-	-	-	-	9,042	-	-	-
PEI Power Corp	-	-	-	-	-	-	-	-	0
Archbald (PA).....	-	-	-	-	-	-	-	-	0
Pekin Paperboard Co LP	-	-	949	-	-	-	-	-	32
Pekin Paperboard Co (IL).....	-	-	949	-	-	-	-	-	32
Penobscot Energy Recovery Co	-	236	-	-	-	-	-	1	-
Penobscot Energy Recovery Co (ME)	-	236	-	-	-	-	-	1	-
Penobscot Hydro LLC	-	-	-	-	-	-	-	-	-
Ellsworth Hydro (ME).....	-	-	-	-	-	-	-	-	-
Howland Hydro (ME).....	-	-	-	-	-	-	-	-	-
Medway Hydro (ME).....	-	-	-	-	-	-	-	-	-
Milford Hydro (ME).....	-	-	-	-	-	-	-	-	-
Stillwater Hydro (ME).....	-	-	-	-	-	-	-	-	-
Veazie Hydro Station (ME).....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Perryville Energy Partners	-	-	48,682	-	-	-	-	-	338
Perryville (LA)	-	-	48,682	-	-	-	-	-	338
Phelps Dodge Corp	-	-	-	-	-	-	-	-	-
Chino Mines Co (NM).....	-	-	-	-	-	-	-	-	-
Phelps Dodge Cobre Mining Co (NM).....	-	-	-	-	-	-	-	-	-
Phelps Dodge Tyrone Inc (NM).....	-	-	-	-	-	-	-	-	-
Phillips A C	-	-	45,942	-	-	-	-	-	569
Central Production Facility 1 (AK).....	-	-	26,162	-	-	-	-	-	284
Central Production Facility 2 (AK).....	-	-	7,582	-	-	-	-	-	112
Central Production Facility 3 (AK).....	-	-	12,198	-	-	-	-	-	173
Pierce & Petersen	-	-	-	-	-	-	-	-	-
Pierce (WA).....	-	-	-	-	-	-	-	-	-
Pilgrim Nuclear Power Station	-	-	-	-	496,480	-	-	-	-
Pilgrim Nuclear (MA)	-	-	-	-	496,480	-	-	-	-
PIMA County Wastewater Manage	-	-	-	-	-	-	-	-	-
INA Road Water Pollution Control Facility	-	-	-	-	-	-	-	-	-
Pine Bluff Energy LLC	-	-	118,662	-	-	-	-	-	1,175
Pine Bluff Energy Center (AR).....	-	-	118,662	-	-	-	-	-	1,175
Pinellas County Solid Waste	-	-	-	-	-	-	-	-	-
Pinellas County Resource Recovery (FL).....	-	-	-	-	-	-	-	-	-
Pinetree Power Fitchburg Inc	-	-	-	-	-	10,519	-	-	-
Pinetree Power Fitchburg Inc (MA).....	-	-	-	-	-	10,519	-	-	-
Pinetree Power Inc	-	-	-	-	-	11,739	-	-	-
Pinetree Power Inc (NH).....	-	-	-	-	-	11,739	-	-	-
Pinetree Power Tamworth Inc	-	-	-	-	-	15,740	-	-	-
Pinetree Power Tamworth Inc (NH).....	-	-	-	-	-	15,740	-	-	-
Pinnacle West Energy	-	-	381,574	-	-	-	-	-	2,749
Redhawk Unit 1 (AZ).....	-	-	124,273	-	-	-	-	-	873
Redhawk Unit 2 (AZ).....	-	-	223,759	-	-	-	-	-	1,605
Saguaro CT3 (AZ).....	-	-	2,038	-	-	-	-	-	28
West Phoenix CC4 (AZ).....	-	-	31,504	-	-	-	-	-	244
Pittsfield Generating Co LP	-	-	117,409	-	-	-	-	0	0
Pittsfield Generating Co LP (MA).....	-	-	117,409	-	-	-	-	0	0
Plains End LLC	-	-	16,679	-	-	-	-	-	158
Plains End (CO).....	-	-	16,679	-	-	-	-	-	158
PMCC Leasing Corp	-	-	-	-	-	-	-	-	-
Greater Detroit Resource Recov (MI).....	-	-	-	-	-	-	-	-	-
Polk Power Partners LP	-	-	36,506	-	-	-	-	-	279
Mulberry Cogen (FL).....	-	-	36,506	-	-	-	-	-	279
Port Townsend Paper Co	-	1,386	-	135	-	3,222	-	15	-
Port Townsend Paper Corp (WA).....	-	1,386	-	135	-	3,222	-	15	-
Portland City of	-	-	-	-54	-	-	-	-	-
Ground Water Pumping Station (OR).....	-	-	-	-	-	-	-	-	-
Portland Hydro (OR).....	-	-	-	-54	-	-	-	-	-
Portside Energy Corp	-	-	32,120	-	-	-	-	-	380
Portside Energy (IN).....	-	-	32,120	-	-	-	-	-	380
POSDEF Power Co LP	29,455	2,977	-	-	-	-	15	1	-
POSDEF Power (CA).....	29,455	2,977	-	-	-	-	15	1	-
Potlatch Corp	-	-	3,555	-	-	55,990	-	-	452
Potlatch Corp Arkansas Pulp Paper Board	-	-	-	-	-	-	-	-	276

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Potlatch Corp Idaho Pulp Paper Board Div	-	-	3,555	-	-	45,185	-	-	177
Potlatch Corp Minnesota Pulp Paper Board	-	-	-	-	-	6,860	-	-	-
Potlatch Corp Minnesota Wood Products	-	-	-	-	-	-	-	-	-
Potlatch Corp Southern Wood Products	-	-	-	-	-	3,945	-	-	-
Potomac Power Resources	-	-565	-	-	-	-	-	-	-
Benning (DC).....	-	-357	-	-	-	-	-	-	-
Buzzard Point (DC).....	-	-208	-	-	-	-	-	-	-
Power City Partners LP	-	-	-	-	-	-	-	-	-
Massena (NY).....	-	-	-	-	-	-	-	-	-
Power Development Co Inc	-	-	170,782	-	-	-	-	-	1,185
Berkshire Power (MA).....	-	-	170,782	-	-	-	-	-	1,185
PowerSmith Cogeneratn Proj LP	-	-	54	-	-	-	-	-	488
PowerSmith Cogen (OK).....	-	-	54	-	-	-	-	-	488
PP&L Montana LLC	1,410,987	9,297	1,045	181,305	-	-	873	5	3
Black Eagle (MT).....	-	-	-	9,102	-	-	-	-	-
Cochrane (MT).....	-	-	-	15,920	-	-	-	-	-
Colstrip (MT).....	1,296,434	9,297	1,045	-	-	-	800	5	3
Hauser (MT).....	-	-	-	8,425	-	-	-	-	-
Holter (MT).....	-	-	-	16,944	-	-	-	-	-
J E Corette SES (MT).....	114,553	-	-	-	-	-	73	-	-
Kerr (MT).....	-	-	-	39,998	-	-	-	-	-
Madison (MT).....	-	-	-	4,793	-	-	-	-	-
Morony (MT).....	-	-	-	16,603	-	-	-	-	-
Mystic (MT).....	-	-	-	3,381	-	-	-	-	-
Rainbow (MT).....	-	-	-	16,694	-	-	-	-	-
Ryan (MT).....	-	-	-	28,121	-	-	-	-	-
Thompson Falls (MT).....	-	-	-	21,324	-	-	-	-	-
PPG Industries Inc	66,439	-	251,771	-	-	-	41	-	2,851
Natrium (WV).....	66,439	-	-	-	-	-	41	-	-
Powerhouse A (LA).....	-	-	7,335	-	-	-	-	-	177
PPG Powerhouse C (LA).....	-	-	196,260	-	-	-	-	-	2,332
PPG Riverside (LA).....	-	-	48,176	-	-	-	-	-	342
PPL Corp	1,842,743	63,297	-26,427	50,012	1,274,053	-	699	129	264
Edgewood Energy LLC (NY).....	-	-	-42,151	-	-	-	-	-	33
PPL Brunner Island (PA).....	811,785	1,657	-	-	-	-	307	5	-
PPL Holtwood LLC-Wallenpaupak (PA).....	-	-	-	47,885	-	-	-	-	-
PPL Holtwood, LLC (PA).....	-	-	-	2,127	-	-	-	-	-
PPL Martin Creek LLC -Harwood (PA).....	-	-	-	-	-	-	-	-	-
PPL Martin Creek LLC- Williamsport (PA).....	-	33	-	-	-	-	-	0	-
PPL Martin Creek LLC-West Shore (PA).....	-	-	-	-	-	-	-	-	-
PPL Martins Creek LLC (PA).....	117,004	66,017	3,652	-	-	-	60	121	98
PPL Martins Creek LLC- Lock Haven (PA).....	-	-	-	-	-	-	-	-	-
PPL Martins Creek LLC-Allentown (PA).....	-	-	-	-	-	-	-	-	-
PPL Martins Creek LLC-Harrisbury (PA).....	-	-	-	-	-	-	-	-	-
PPL Martins Creek, LLC - Fishbach (PA).....	-	-	-	-	-	-	-	-	-
PPL Martins Creek, LLC - Harwood (PA).....	-	-	-	-	-	-	-	-	-
PPL Montour (PA).....	913,954	43	-	-	-	-	332	3	-
PPL Susquehanna LLC (PA).....	-	-	-	-	1,274,053	-	-	-	-
PPL Wallingford Energy, LLC (CT).....	-	-	9,457	-	-	-	-	-	100
Shoreham Energy LLC (NY).....	-	-4,453	-	-	-	-	-	1	-
Sundance Energy LLC (AZ).....	-	-	468	-	-	-	-	-	10
University Park Power Project (IL).....	-	-	2,147	-	-	-	-	-	23
Premcor Refining Group Inc	-	-	23,274	-	-	-	-	-	762
Port Arthur Refinery (TX).....	-	-	23,274	-	-	-	-	-	762
Primary Childrens Medical Cntr	-	-	1,052	-	-	-	-	-	9
Primary Childrens Medical Ctr (UT).....	-	-	1,052	-	-	-	-	-	9
Primary Power International	-	-	-	-	-	12,221	-	-	-
Lyonsdale Power Co LLC (NY).....	-	-	-	-	-	12,221	-	-	-
Prime Energy LP	-	267	45,635	-	-	-	-	1	470

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Prime Energy LP (NJ)	-	267	45,635	-	-	-	-	1	470
Procter & Gamble Co.	-	-	58,233	-	-	-	-	-	843
Mehoopany (PA)	-	-	29,065	-	-	-	-	-	424
Oxnard (CA)	-	-	29,168	-	-	-	-	-	419
Project Orange Associates LP	-	-	6,484	-	-	-	-	-	139
Project Orange Assoc (NY).....	-	-	6,484	-	-	-	-	-	139
Proprietors of Susquehanna Cnl.	-	27,598	39,645	-	-	-	-	49	403
DeSoto County Power (FL).....	-	27,598	39,599	-	-	-	-	49	402
Effingham Co Project (GA).....	-	-	-	-	-	-	-	-	-
MPC Generating (GA).....	-	-	-	-	-	-	-	-	-
ROWAN (NC).....	-	-	46	-	-	-	-	-	1
Walton County Power (GA).....	-	-	-	-	-	-	-	-	-
Washington County Power (GA).....	-	-	-	-	-	-	-	-	-
PSEG Power LLC	510,936	12,161	402,777	-	1,834,750	-	202	27	3,795
Albany (NY)	-	-	-	-	-	-	-	-	-
Bayonne (NJ).....	-	-10	-	-	-	-	-	-	-
Bergen (NJ).....	-	4,245	304,752	-	-	-	-	6	2,815
Burlington (NJ).....	-	666	11,781	-	-	-	-	1	116
Edison (NJ).....	-	-	2,769	-	-	-	-	-	17
Essex (NJ).....	-	-	6,515	-	-	-	-	-	67
Hope Creek (NJ).....	-	-	-	-	776,241	-	-	-	-
Hudson (NJ).....	233,566	6,686	24,943	-	-	-	97	15	272
Kearny (NJ).....	-	-479	14,576	-	-	-	-	-	138
Linden (NJ).....	-	-669	26,503	-	-	-	-	-	237
Mercer (NJ).....	277,370	-	5,936	-	-	-	105	-	58
Salem Unit 1 & 2 (NJ).....	-	-3	-	-	1,058,509	-	-	0	-
Sewaren (NJ).....	-	1,725	5,002	-	-	-	-	4	75
Purdue University	9,290	1	250	-	-	-	13	0	8
Purdue University (IN).....	9,290	1	250	-	-	-	13	0	8
Questar Gas Management Co.	-	13	361	-	-	-	-	0	3
Blacks Fork Gas Processing Plant (WY).....	-	13	361	-	-	-	-	0	3
Questar Pipeline Co.	-	-	22,355	-	-	-	-	-	319
Kendall County Generation Facility (IL).....	-	-	22,355	-	-	-	-	-	319
R J Reynolds Tobacco Co.	13,296	-	178	-	-	-	8	-	1
Tobaccoville (NC).....	13,296	-	178	-	-	-	8	-	1
RAMCO Inc	-	-	753	-	-	-	-	-	131
Chula Vista Power Plant (CA).....	-	-	753	-	-	-	-	-	131
Rathdrum Power LLC	-	-	142,271	-	-	-	-	-	947
Rathdrum (NC).....	-	-	142,271	-	-	-	-	-	947
Rayonier Inc	-	9,203	2,135	-	-	54,342	-	76	95
Rayonier Fernandina Mill (FL).....	-	2,100	-	-	-	14,868	-	24	-
Rayonier Jesup Mill (GA).....	-	7,103	2,135	-	-	39,474	-	51	95
Regional Waste Systems	-	-	-	-	-	-	-	-	-
Regional Waste Systems GPRRP (ME).....	-	-	-	-	-	-	-	-	-
Reliance Energy Power Gen Inc	-	-	41,329	-	-	-	-	-	529
Sabine Cogen (TX).....	-	-	41,329	-	-	-	-	-	529
Reliant Energy Coolwater LLC	-	-	269,939	-	-	-	-	-	2,796
Coolwater (CA).....	-	-	163,867	-	-	-	-	-	1,672
Ellwood (CA).....	-	-	718	-	-	-	-	-	9
Etiwanda (CA).....	-	-	17,687	-	-	-	-	-	224
Mandalay (CA).....	-	-	72,524	-	-	-	-	-	720
Ormond Beach (CA).....	-	-	15,143	-	-	-	-	-	172
Reliant Energy Desert Basin LP	-	-	349,038	-	-	-	-	-	2,339
Desert Basin (AZ).....	-	-	349,038	-	-	-	-	-	2,339

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Reliant Energy Indian Rvr LLC	-	108,400	41,902	-	-	-	-	188	448
Reliant Energy Indian River (FL).....	-	108,400	41,902	-	-	-	-	188	448
Reliant Energy Oseola LLC	-	5,436	42,651	-	-	-	-	10	485
Reliant Energy Oseola (FL).....	-	5,436	42,651	-	-	-	-	10	485
Reliant Energy Power Gen Inc.	-	-	449,764	-	-	-	-	-	4,336
Channelview (TX).....	-	-	-	-	-	-	-	-	-
Reliant Energy Aurora (TX).....	-	-	-	-	-	-	-	-	-
Reliant Energy Shelby County (IL).....	-	-	449,764	-	-	-	-	-	4,336
Renaissance Power LLC	-	-	9,341	-	-	-	-	-	99
Renaissance Power LLC (MI).....	-	-	9,341	-	-	-	-	-	99
Resource Technology Corp.	-	-	-	-	-	2,237	-	-	-
Biodyne Pontiac (IL).....	-	-	-	-	-	-	-	-	-
Biodyne Beecher (IL).....	-	-	-	-	-	-	-	-	-
Biodyne Congress (IL).....	-	-	-	-	-	-	-	-	-
Biodyne Lansing (IL).....	-	-	-	-	-	-	-	-	-
Biodyne Lyons (IL).....	-	-	-	-	-	864	-	-	-
Biodyne Peoria (IL).....	-	-	-	-	-	1,209	-	-	-
Biodyne Springfield (IL).....	-	-	-	-	-	164	-	-	-
Shelton Landfill Gas Recovery Elect Gen	-	-	-	-	-	-	-	-	-
Rhodia Inc	-	-	154	-	-	-	-	-	4
Martinez Regen Sulfuric Acid (CA).....	-	-	154	-	-	-	-	-	4
Ridge Generating Station LP	-	-	-	-	-	9,971	-	-	-
Ridge (FL).....	-	-	-	-	-	9,971	-	-	-
Ridgetop Energy LLC	-	-	-	-	-	9,983	-	-	-
Ridgetop Energy LLC (CA).....	-	-	-	-	-	9,983	-	-	-
Ridgetop Energy LLC II	-	-	-	-	-	2,806	-	-	-
Ridgetop Energy LLC II (CA).....	-	-	-	-	-	2,806	-	-	-
Ridgewood Providence Power PLP	-	-	-	-	-	-	-	-	-
Ridgewood Providence (RI).....	-	-	-	-	-	-	-	-	-
Rigatti E R	-	-	-	-	-	6,085	-	-	-
Peetz Table Wind Farm (CO).....	-	-	-	-	-	6,085	-	-	-
Rio Bravo Fresno	-	-	-	-	-	16,052	-	-	0
Rio Bravo Fresno (CA).....	-	-	-	-	-	16,052	-	-	0
Rio Bravo Poso	13,184	12,455	175	-	-	-	6	5	1
Rio Bravo Poso (CA).....	13,184	12,455	175	-	-	-	6	5	1
Rio Bravo Rocklin	-	-	321	-	-	13,251	-	-	4
Rio Bravo Rocklin (CA).....	-	-	321	-	-	13,251	-	-	4
Rio Nogales Power Project LP	-	-	110,827	-	-	-	-	-	829
Rio Nogales Power Project (TX).....	-	-	110,827	-	-	-	-	-	829
Ripon Cogeneration Inc-Ripon	-	-	33,400	-	-	-	-	-	317
Ripon Mill (CA).....	-	-	33,400	-	-	-	-	-	317
Riverside Canal Power Co Inc	-	-	-	-	-	-	-	-	-
Riverside Canal Power Co (CA).....	-	-	-	-	-	-	-	-	-
Riverside Generating Co LLC	-	-	-	-	-	-	-	-	0
Riverside Generating Co LLC (KY).....	-	-	-	-	-	-	-	-	0
Riverwood International Corp	-	-	8,425	-	-	22,167	-	-	453
Plant 31 Paper Mill (LA).....	-	-	8,425	-	-	22,167	-	-	453
Riverwood Internatl USA Inc	2,240	1,317	1,069	-	-	19,335	4	11	49
Riverwood International USA Inc (GA).....	2,240	1,317	1,069	-	-	19,335	4	11	49

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Roche Vitamins	-	-	22,774	-	-	-	-	-	450
Roche Vitamins Inc (NJ).....	-	-	22,774	-	-	-	-	-	450
RockGen Energy LLC	-	-	3,499	-	-	-	-	-	44
Rockgen Energy LLC (IL).....	-	-	3,499	-	-	-	-	-	44
Rockingham Power LLC	-	-	-	-	-	-	-	-	-
Rockingham Power LLC (NC).....	-	-	-	-	-	-	-	-	-
Rocky Road Power LLC	-	-	-	-	-	-	-	-	-
Rocky Road Power LLC (IL).....	-	-	-	-	-	-	-	-	-
Rolls Royce Corp	-	-	141	-	-	139	-	-	4
Rolls Royce Corp (IN).....	-	-	141	-	-	139	-	-	4
Roseburg Forest Products Co	-	-	-	-	-	19,743	-	-	-
Dillard Complex (OR).....	-	-	-	-	-	19,743	-	-	-
RS Cogen	-	-	71,794	-	-	-	-	-	963
RS Cogen (LA).....	-	-	71,794	-	-	-	-	-	963
Rumford Power Associates LP	-	-	176,508	-	-	-	-	-	1,258
Rumford Power Associates (MA).....	-	-	176,508	-	-	-	-	-	1,258
Ryegate Associates	-	-	-	-	-	14,584	-	-	-
Ryegate (VT).....	-	-	-	-	-	14,584	-	-	-
S D Warren Co	27,485	1,242	656	108	-	21,312	23	4	14
S D Warren Co 1 Muskegon (MI).....	19,507	-	656	-	-	3,030	17	-	14
S D Warren Co 2 (ME).....	7,978	1,242	-	108	-	18,282	6	4	-
S&L Cogeneration Co	-	-	26,198	-	-	-	-	-	0
S&L Cogen (TX).....	-	-	26,198	-	-	-	-	-	0
Saguaro Power Co	-	-	50,350	-	-	-	-	-	527
Saguaro Power Co (NV).....	-	-	50,350	-	-	-	-	-	527
Salton Sea 4/Fish Lake Pwr Gen	-	-	-	-	-	27,964	-	-	-
Salton Sea Unit 4 (CA).....	-	-	-	-	-	27,964	-	-	-
Salton Sea Power Generatn LP 1	-	-	-	-	-	6,578	-	-	-
Salton Sea Unit 1 (CA).....	-	-	-	-	-	6,578	-	-	-
Salton Sea Power Generatn LP 2	-	-	-	-	-	3,817	-	-	-
Salton Sea Unit 2 (CA).....	-	-	-	-	-	3,817	-	-	-
Salton Sea Power Generatn LP 3	-	-	-	-	-	29,932	-	-	-
Salton Sea Unit 3 (CA).....	-	-	-	-	-	29,932	-	-	-
San Diego City of	-	-	-	-	-	3,060	-	-	-
Gas Utilization (CA).....	-	-	-	-	-	3,060	-	-	-
San Gorgonio Wind Farms Inc	-	-	-	-	-	8,361	-	-	-
San Gorgonio Farms Wind Energy (CA).....	-	-	-	-	-	8,361	-	-	-
San Joaquin Cogen Ltd	-	-	-	-	-	-	-	-	-
San Joaquin Cogen (CA).....	-	-	-	-	-	-	-	-	-
Santa Fe Snyder Oil Corp	-	-	3,391	-	-	-	-	-	32
Beaver Creek Gas Plant (WY).....	-	-	3,391	-	-	-	-	-	32
SAPPI	-	15,949	-	-	-	51,631	-	72	-
Somerset (ME).....	-	15,949	-	-	-	51,631	-	72	-
Saranac Power Partners LP	-	-	177,440	-	-	-	-	-	1,535
Saranac (NY).....	-	-	177,440	-	-	-	-	-	1,535
Schuylkill Energy Resource Inc	69,331	-	-	-	-	-	116	-	-
St Nicholas Cogen (PA).....	69,331	-	-	-	-	-	116	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Scott Wood Inc	-	-	-	-	-	25	-	-	-
Scott Wood Inc 2 (VA).....	-	-	-	-	-	25	-	-	-
Scrubgrass Generating Co LP	62,132	-	-	-	-	-	59	-	-
Scrubgrass (PA).....	62,132	-	-	-	-	-	59	-	-
SDS Lumber Co	-	-	-	-	-	339	-	-	-
Gorge Energy Div SDS Lumber Co (WA).....	-	-	-	-	-	339	-	-	-
Seawest Windpower Inc	-	-	-	-	-	10,924	-	-	-
Altech III (CA).....	-	-	-	-	-	5,620	-	-	-
Condon Windpower (OR).....	-	-	-	-	-	5,304	-	-	-
Second Imperial Geothermal Co	-	-	-	-	-	27,347	-	-	-
Second Imperial Geothermal Co SIGC Plant	-	-	-	-	-	27,347	-	-	-
SEI Wisconsin LLC	-	-	11,085	-	-	-	-	-	130
Mirant Neenah (IN).....	-	-	11,085	-	-	-	-	-	130
Selkirk Cogen Partners LP	-	-	212,878	-	-	-	-	-	1,860
Selkirk Cogen Partners LP (NY).....	-	-	212,878	-	-	-	-	-	1,860
SEMASS Partnership	-	-	-	-	-	-	-	-	-
SEMASS Resource Recovery (MA).....	-	-	-	-	-	-	-	-	-
Seneca Energy	-	-	-	-	-	-	-	-	-
Seneca Energy (NY).....	-	-	-	-	-	-	-	-	-
Seneca Power Partners LP	-	6	4,134	-	-	-	-	0	35
Seneca Power Partners LP (NY).....	-	6	4,134	-	-	-	-	0	35
SERRF Joint Powers Authority	-	-	-	-	-	-	-	-	-
Southeast Resource Recovery (CA).....	-	-	-	-	-	-	-	-	-
SF Phosphates Ltd Co	-	-	2,576	-	-	-	-	-	37
SF Phosphates Ltd Co (WY).....	-	-	2,576	-	-	-	-	-	37
Shady Hills Power Co LLC	-	24,940	69,883	-	-	-	-	41	728
Shady Hills Generating Station (FL).....	-	24,940	69,883	-	-	-	-	41	728
Shawmut Bank	-	-	-	-	-	-	-	-	-
American Ref Fuel Co of Delaware Valley	-	-	-	-	-	-	-	-	-
Shell Oil Co-Deer Park	-	-	144,788	-	-	-	-	-	3,710
Shell Deer Park (TX).....	-	-	144,788	-	-	-	-	-	3,710
Shelton George H	-	-	-	-	-	10,807	-	-	-
Rock River I LLC (WY).....	-	-	-	-	-	10,807	-	-	-
Sierra Pacific Industries Inc	-	-	-	-	-	45,334	-	-	-
Burney (CA).....	-	-	-	-	-	12,231	-	-	-
Loyalton (CA).....	-	-	-	-	-	6,717	-	-	-
Quincy (CA).....	-	-	-	-	-	14,190	-	-	-
Sonora Facility (CA).....	-	-	-	-	-	4,022	-	-	-
Susanville (CA).....	-	-	-	-	-	8,174	-	-	-
Simplot Leasing Corp	-	-	-	-	-	-	-	-	-
Don (ID).....	-	-	-	-	-	-	-	-	-
Simpson Paper Co	-	-	-	1,179	-	-	-	-	-
Gilman Mill (VT).....	-	-	-	1,179	-	-	-	-	-
Sinclair Oil Corp	-	-	531	-	-	-	-	-	5
Sinclair Oil Refinery (WY).....	-	-	531	-	-	-	-	-	5
Sithe New England Holdings LLC	-	107,092	77,531	-	-	-	-	206	928
Sithe Edgar LLC (MA).....	-	-	-	-	-	-	-	-	-
Sithe Fore River (MA).....	-	-	-	-	-	-	-	-	-
Sithe Framingham LLC (MA).....	-	13	-	-	-	-	-	0	-
Sithe Medway LLC (MA).....	-	-	-	-	-	-	-	0	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Sithe Mystic LLC (MA).....	-	107,079	76,810	-	-	-	-	206	909
Sithe New Boston LLC (MA).....	-	-	721	-	-	-	-	-	19
Sithe New Jersey Holdings LLC	2,338,428	7,262	33,714	2,019	-	-	923	17	369
Blossburg (PA).....	-	-	4,557	-	-	-	-	-	52
Conemaugh (PA).....	519,515	20	974	-	-	-	199	0	9
Deep Creek (MD).....	-	-	-	497	-	-	-	-	-
Gilbert (NJ).....	-	1,921	22,057	-	-	-	-	5	217
Glenn Gardner (NJ).....	-	-	200	-	-	-	-	-	5
Hamilton (PA).....	-	-6	-	-	-	-	-	-	-
Hunterstown (PA).....	-	-32	-	-	-	-	-	-	-
Keystone (PA).....	1,222,815	19	-	-	-	-	469	0	-
Mountain (PA).....	-	21	74	-	-	-	-	0	2
Ortanna (PA).....	-	-7	-	-	-	-	-	-	-
Piney (PA).....	-	-	-	1,522	-	-	-	-	-
Portland (PA).....	159,536	2,465	15	-	-	-	66	5	0
Sayreville (NJ).....	-	-347	275	-	-	-	-	-	8
Seward (PA).....	59,700	228	-	-	-	-	27	0	-
Shawnee (PA).....	-	-1	-	-	-	-	-	-	-
Shawville (PA).....	315,860	739	-	-	-	-	135	1	-
Titus (PA).....	61,002	1,312	-	-	-	-	26	2	-
Tolna (PA).....	-	188	-	-	-	-	-	1	-
Warren (PA).....	-	1,001	5,562	-	-	-	-	2	75
Wayne (PA).....	-	-56	-	-	-	-	-	0	-
Werner (NJ).....	-	-203	-	-	-	-	-	-	-
Sithe/Independence Pwr Part LP	-	-	518,706	-	-	-	-	-	3,777
Sithe Independence Station (NY).....	-	-	518,706	-	-	-	-	-	3,777
Sky River Partnership	-	-	-	-	-	-	-	-	-
Sky River Partnership (CA).....	-	-	-	-	-	-	-	-	-
Sloss Industries Inc	-	-	-	-	-	-	-	-	-
Sloss Industries Corp (AL).....	-	-	-	-	-	-	-	-	-
Smith Falls Hydropower	-	-	-	-	-	-	-	-	-
Smith Falls Hydro (ID).....	-	-	-	-	-	-	-	-	-
Soda Lake Ltd Partnership	-	-	-	-	-	6,626	-	-	-
Soda Lake Geothermal No I II (NV).....	-	-	-	-	-	6,626	-	-	-
Solid Waste Auth of Palm Beach	-	-	-	-	-	-	-	-	-
North County Regional Resource Recovery	-	-	-	-	-	-	-	-	-
Solutia Inc-Indian	778	-	-	-	-	-	2	-	-
Indian Orchard I (MA).....	778	-	-	-	-	-	2	-	-
Sonoco Products Inc	-	-	-	-	-	1,229	-	-	-
Somerset Windpower (PA).....	-	-	-	-	-	1,229	-	-	-
South Eastern Elec Devel Corp	-	-	20	-	-	-	-	-	0
So Eastern Electric Development Corp Lee	-	-	20	-	-	-	-	-	0
Southeast Missouri State Univ	-	-	22,839	-	-	-	-	-	0
Southeast Missouri State Univ (MO).....	-	-	22,839	-	-	-	-	-	0
Southeast Paper Mfg Co Inc	4,914	1,024	5,553	-	-	10,770	6	1	28
SP Newsprint Co (GA).....	4,914	1,024	5,553	-	-	10,770	6	1	28
Southern Calif Sunbelt Devel	-	-	-	-	-	1,747	-	-	-
Edom Hill (CA).....	-	-	-	-	-	1,747	-	-	-
Southern Co Services Inc	-	107	371,594	-	-	-	-	0	2,761
DAHLBERG (GA).....	-	107	40,194	-	-	-	-	0	478
Franklin (AL).....	-	-	37,847	-	-	-	-	-	240
Wansley CC (GA).....	-	-	293,553	-	-	-	-	-	2,043
Southern Energy Co	-	3,258	562,554	-	-	-	-	8	5,863
Contra Costa (CA).....	-	-	97,495	-	-	-	-	-	982
Pittsburg (CA).....	-	-	378,490	-	-	-	-	-	3,983

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Potrero (CA)	-	3,258	86,569	-	-	-	-	8	898
Southern Energy New York	198,430	52,937	120,942	25,380	-	-	84	90	1,274
Bowline Point (NY)	-	52,917	103,132	-	-	-	-	90	1,083
Grahamsville (NY)	-	-	-	5,886	-	-	-	-	-
Hillburn (NY)	-	14	20	-	-	-	-	0	1
Lovett (NY)	198,430	-	17,780	-	-	-	84	-	189
Mongaup (NY)	-	-	-	927	-	-	-	-	-
Rio (NY)	-	-	-	17,728	-	-	-	-	-
Shoemaker (NY)	-	6	10	-	-	-	-	0	0
Swinging Bridge 2 (NY)	-	-	-	737	-	-	-	-	-
Swinging Bridge 1 (NY)	-	-	-	102	-	-	-	-	-
Southern Energy Wichita Falls	-	-	-	-	-	-	-	-	-
Mirant Wichita Fall LP (TX)	-	-	-	-	-	-	-	-	-
Spokane City of	-	-	-	-	-	-	-	-	-
Spokane (WA)	-	-	-	-	-	-	-	-	-
Springfield Water & Sewer Comm	40,079	158	-	-	-	-	85	0	-
MT TOM (MA)	40,079	158	-	-	-	-	85	0	-
SRW Cogeneration LP	-	-	188,276	-	-	-	-	-	2,130
SRW Cogen (TX)	-	-	188,276	-	-	-	-	-	2,130
St Laurent Paper Products Co	10,277	3,582	-	-	-	31,941	12	21	-
St Laurent Paper Products Corp (VA)	10,277	3,582	-	-	-	31,941	12	21	-
Star Enterprises	-	36,970	11,356	-	-	-	-	102	682
Delaware City (DE)	-	36,970	11,356	-	-	-	-	102	682
Star Group IE Geothermal Partn	-	-	-	-	-	5,240	-	-	-
Ormesa I (CA)	-	-	-	-	-	5,240	-	-	-
Star Group Stillwater I	-	-	-	-	-	3,586	-	-	-
Stillwater (NV)	-	-	-	-	-	3,586	-	-	-
State Farm Mutual Auto Ins Co	-	10	-	-	-	-	-	0	-
State Farm Ins Co ISC Central (TX)	-	1	-	-	-	-	-	0	-
State Farm Insurance Co ISC East (GA)	-	9	-	-	-	-	-	0	-
State Line Energy LLC	172,589	-	-	-	-	-	92	-	-
State Line Energy (IN)	172,589	-	-	-	-	-	92	-	-
State of Wisconsin	-	-	-	-	-	-	-	-	-
Capitol Heat and Power (WI)	-	-	-	-	-	-	-	-	-
Waupun Correctional Inst Cntr (WI)	-	-	-	-	-	-	-	-	-
State Street Bank & Trust Co	-	-	614,410	-	-	-	-	-	5,461
Midland Cogen (MI)	-	-	614,410	-	-	-	-	-	5,461
Steamboat Development Corp	-	-	-	-	-	18,019	-	-	-
Steamboat II (NV)	-	-	-	-	-	9,211	-	-	-
Steamboat III (NV)	-	-	-	-	-	8,808	-	-	-
Stockton Cogen Co	18,973	13,973	-	-	-	2,433	11	7	-
Stockton Cogen Co (CA)	18,973	13,973	-	-	-	2,433	11	7	-
Stone Container Corp	7,374	2,378	2,006	-	-	56,593	13	32	132
Coshocton Mill (OH)	-	-	1,324	-	-	7,733	-	-	53
Hodge Louisiana (LA)	-	-	-	-	-	-	-	-	-
Panama City Mill (FL)	1,274	1,850	163	-	-	19,463	5	30	16
Stone Container Corp Florence Mill (SC)	-	-	-	-	-	-	-	-	-
Stone Container Corp Hopewell Mill (VA)	6,100	528	-	-	-	23,101	7	3	-
Stone Container Corp Missoula Mill (MT)	-	-	519	-	-	6,296	-	-	63
Storm Lake Power PartnerII LLC	-	-	-	-	-	14,537	-	-	-
Storm Lake II (IA)	-	-	-	-	-	14,537	-	-	-
Sumas Cogeneration Co LP	-	-	93,407	-	-	-	-	-	738

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Sumas Cogen (WA).....	-	-	93,407	-	-	-	-	-	738
Sumpter Energy Associates	-	-	-	-	-	-	-	-	-
Sumpter Energy Assoc (MI).....	-	-	-	-	-	-	-	-	-
Sunbury Generation LLC	177,791	2	-	-	-	-	124	0	-
Sunbury Generation LLC (PA)	177,791	2	-	-	-	-	124	0	-
Sunnyside Cogeneration Assoc	30,043	-	-	-	-	-	37	-	-
Sunnyside Cogen Assoc (UT)	30,043	-	-	-	-	-	37	-	-
Sunray Energy Inc	-	-	216	-	-	353	-	-	2
SEGS I (CA).....	-	-	216	-	-	353	-	-	2
Sunrise Cogeneration&Power Co	-	-	32,779	-	-	-	-	-	334
Sunrise Power Co LLC (CA)	-	-	32,779	-	-	-	-	-	334
Sweeny Cogeneration LP	-	-	249,466	-	-	-	-	-	3,007
Sweeny Cogen (TX).....	-	-	249,466	-	-	-	-	-	3,007
Sycamore Cogeneration Co	-	-	195,944	-	-	-	-	-	2,335
Sycamore Cogen (CA).....	-	-	195,944	-	-	-	-	-	2,335
Tampa City of	-	-	-	-	-	-	-	-	-
McKay Bay (FL).....	-	-	-	-	-	-	-	-	-
Tampa Dept of Sanitary Sewers	-	-	-	-	-	1,116	-	-	-
Howard F Curren AWT (FL)	-	-	-	-	-	1,116	-	-	-
Tapoco Inc	-	-	-	138,836	-	-	-	-	-
Calderwood (TN).....	-	-	-	57,184	-	-	-	-	-
Cheoah (NC).....	-	-	-	50,768	-	-	-	-	-
Chilhowee (TN).....	-	-	-	16,184	-	-	-	-	-
Santeetlah (NC).....	-	-	-	14,700	-	-	-	-	-
Temple-Inland Forest Prod Corp	-	-	1,206	-	-	43,893	-	-	55
Westvaco-Texas (TX).....	-	-	1,206	-	-	43,893	-	-	55
Tenaska Alabama Partners LP	-	-	68,857	-	-	-	-	-	531
Tenaska Lindsay Hill Generating Station	-	-	68,857	-	-	-	-	-	531
Tenaska Frontier Partners Ltd	-	-	327,037	-	-	-	-	-	2,335
Tenaska Frontier (TX).....	-	-	327,037	-	-	-	-	-	2,335
Tenaska Gateway Partners Ltd	-	770	314,074	-	-	-	-	1	2,231
Tenaska Gateway (TX).....	-	770	314,074	-	-	-	-	1	2,231
Tenaska Georgia Partners LP	-	199	7,377	-	-	-	-	0	78
Tenaska Georgia Generation Facility (GA)	-	199	7,377	-	-	-	-	0	78
Tenaska III Inc	-	198	141,552	-	-	-	-	0	1,190
Tenaska III Texas Partners (TX).....	-	198	141,552	-	-	-	-	0	1,190
Tenaska IV Texas Partners Ltd	-	-	71,839	-	-	-	-	-	558
Ponderosa Pine Energy Ptrs (TX).....	-	-	71,839	-	-	-	-	-	558
Tenaska Washington Inc	-	36	184,117	-	-	-	-	0	1,508
Tenaska Washington Partners LP (WA)	-	36	184,117	-	-	-	-	0	1,508
Tenneco Packaging	6,979	3,591	1,798	1,962	-	49,119	17	21	64
Packaging Corp of America Tomahawk	2,438	2	3	1,962	-	7,198	10	0	0
Packaging Corp of America (TN)	4,541	3,589	1,795	-	-	41,921	7	21	64
Tennessee Eastman Co	113,956	-	-	-	-	-	126	-	64
Tennessee Eastman Ops (TN)	113,956	-	-	-	-	-	126	-	64
TES Filer City Station LP	3,892	-	-	-	-	508	20	-	-
TES Filer City (MI).....	3,892	-	-	-	-	508	20	-	-
Thermal Energy Dev Partner L/P	-	-	-	-	-	13,686	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Tracy Biomass (CA).....	-	-	-	-	-	13,686	-	-	-
Thermo Cogeneration Partner LP.....	-	-	83,256	-	-	-	-	-	759
TCP 122 (CO).....	-	-	83,256	-	-	-	-	-	759
TCP 150 (CO).....	-	-	-	-	-	-	-	-	-
Thermo Power & Electric Inc.....	-	-	54,555	-	-	-	-	-	374
Thermo Power Electric Inc (CO).....	-	-	54,555	-	-	-	-	-	374
Thomson Corp.....	-	5	-	-	-	-	-	0	-
West Group Generator Building (MN).....	-	5	-	-	-	-	-	0	-
Timber Energy Resources Inc.....	-	-	-	-	-	8,452	-	-	-
Timber Energy Resources Inc (FL).....	-	-	-	-	-	8,452	-	-	-
Tiverton Power Associates LP.....	-	-	127,256	-	-	-	-	-	864
Calpine Tiverton Power (RI).....	-	-	127,256	-	-	-	-	-	864
Tomen Power Corp.....	-	-	-	-	-	6,529	-	-	-
Viking Windfarm II (CA).....	-	-	-	-	-	6,529	-	-	-
Tosco Corp-Wilmington.....	-	-	36,551	-	-	-	-	-	319
Los Angeles Refinery Wilmington (CA).....	-	-	36,551	-	-	-	-	-	319
TPC 3/5 Inc.....	-	-	-	-	-	12,127	-	-	-
Mojave 3 (CA).....	-	-	-	-	-	5,903	-	-	-
Mojave 5 (CA).....	-	-	-	-	-	6,224	-	-	-
TPC 4 Inc.....	-	-	-	-	-	6,885	-	-	-
Mojave 4 (CA).....	-	-	-	-	-	6,885	-	-	-
Transalta Centralia Mining LLC.....	1,024,920	116	23,764	-	-	-	669	0	272
Transalta Centralia (WA).....	1,024,920	116	23,764	-	-	-	669	0	272
Trigen-Cinergy Sol-Tuscola LLC.....	5,575	-	-	-	-	-	11	-	10
Tuscola (IL).....	5,575	-	-	-	-	-	11	-	10
Trigen-Nassau Energy Corp.....	-	-	41,124	-	-	-	-	-	385
Trigen Nassau (NY).....	-	-	41,124	-	-	-	-	-	385
Trigen-Philadelphia Engy Corp.....	-	-	-	-	-	-	-	-	-
Schuylkill Station Turbine (PA).....	-	-	-	-	-	-	-	-	-
Tri-State Power LLC.....	-	-	2,905	-	-	-	-	-	34
Brighton Generating Station (CO).....	-	-	2,208	-	-	-	-	-	25
Limon Generating Station (CO).....	-	-	697	-	-	-	-	-	9
Tropicana Products Inc.....	-	-	20,835	-	-	-	-	-	205
Tropicana Products Inc Bradenton Cogen	-	-	20,835	-	-	-	-	-	205
TXU Generation Co, LLC.....	3,362,477	9,886	1,590,84	-	838,125	-	2,773	21	16,370
BIG BROWN (TX).....	833,572	-	415	-	-	-	616	-	5
COLLIN (TX).....	-	-	2,234	-	-	-	-	-	34
COMANCHE PK (TX).....	-	-	-	-	838,125	-	-	-	-
DECORDOVA (TX).....	-	-	271,203	-	-	-	-	-	2,329
EAGLE MOUNT (TX).....	-	-	62,090	-	-	-	-	-	876
GRAHAM (TX).....	-	-	145,704	-	-	-	-	-	1,456
L HUBBARD (TX).....	-	-	188,259	-	-	-	-	-	2,009
LAKE CREEK (TX).....	-	8	22,794	-	-	-	-	0	259
MARTIN LAKE (TX).....	1,166,360	7,471	-	-	-	-	984	15	-
MONTECELLO (TX).....	1,117,603	2,197	-	-	-	-	915	5	-
MORGAN CRK (TX).....	-	-	44,984	-	-	-	-	-	474
NORTH LAKE (TX).....	-	-	44,510	-	-	-	-	-	520
NORTH MAIN (TX).....	-	-	-97	-	-	-	-	-	-
PARKDALE (TX).....	-	-	7,585	-	-	-	-	-	110
PERMIAN BAS (TX).....	-	-	149,917	-	-	-	-	-	1,613
RIVER CREST (TX).....	-	-	-38	-	-	-	-	-	-
SANDOW (TX).....	244,942	201	-	-	-	-	258	1	-
STRYKER CRK (TX).....	-	5	121,812	-	-	-	-	0	1,226
Sweetwater (TX).....	-	-	87,091	-	-	-	-	-	714

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
TRADINGHUSE (TX).....	-	2	322,434	-	-	-	-	0	3,290
TRINIDAD (TX).....	-	2	15,210	-	-	-	-	0	217
VALLEY (TX).....	-	-	104,733	-	-	-	-	-	1,238
U S Agri Chemicals Corp.....	-	-	-	-	-	-	-	-	-
U S Agri Chemicals Corp Fort Meade	-	-	-	-	-	-	-	-	-
U S Air Force-Luke.....	-	-	-	-	-	13,476	-	-	-
Upton Wind II (TX).....	-	-	-	-	-	13,476	-	-	-
U S Alliance Corp.....	6,539	-	-	-	-	8,276	29	-	-
U S Alliance Coosa Pines (AL).....	6,539	-	-	-	-	8,276	29	-	-
U S Borax Inc.....	-	-	23,803	-	-	-	-	-	291
U S Borax Inc (CA).....	-	-	23,803	-	-	-	-	-	291
U S Gen New England Inc.....	956,629	49,669	224,281	47,026	-	-	369	93	1,741
Bear Swamp (MA).....	-	-	-	-15,503	-	-	-	-	-
Bellows FLS (VT).....	-	-	-	10,707	-	-	-	-	-
Brayton Pt (MA).....	764,085	49,213	7,880	-	-	-	283	93	110
Comerford (NH).....	-	-	-	12,815	-	-	-	-	-
Deerfield 2 (MA).....	-	-	-	1,435	-	-	-	-	-
Deerfield 3 (MA).....	-	-	-	1,384	-	-	-	-	-
Deerfield 4 (MA).....	-	-	-	1,167	-	-	-	-	-
Deerfield 5 (MA).....	-	-	-	2,554	-	-	-	-	-
Fife Brook (MA).....	-	-	-	1,366	-	-	-	-	-
Harriman (VT).....	-	-	-	2,741	-	-	-	-	-
Manchester St (RI).....	-	-	216,401	-	-	-	-	-	1,631
Mcindoes (NH).....	-	-	-	2,430	-	-	-	-	-
S C Moore (NH).....	-	-	-	10,663	-	-	-	-	-
Salem Harbor (MA).....	192,544	456	-	-	-	-	87	1	-
Searsburg (VT).....	-	-	-	1,162	-	-	-	-	-
Sherman (MA).....	-	-	-	1,445	-	-	-	-	-
Vernon (VT).....	-	-	-	5,931	-	-	-	-	-
Wilder (VT).....	-	-	-	6,729	-	-	-	-	-
U S Navy-Public Works Center.....	-	-	-	-	-	-	-	0	-
SPSA WTE (VA).....	-	-	-	-	-	-	-	0	-
U S Trust Co of California.....	35,425	-	347	-	-	-	56	-	13
Argus Cogen (CA).....	35,425	-	347	-	-	-	56	-	13
UGI Utilities Inc.....	9,788	657	1,578	-	-	-	9	1	15
Hunlock (PA).....	9,788	657	1,578	-	-	-	9	1	15
Union Camp Corp.....	100,755	6,140	28,492	-	-	36,689	51	30	668
Eastover Facility (SC).....	-	-	-	-	-	-	-	-	-
International Paper Co (AL).....	2,164	4,113	2,444	-	-	36,689	5	22	130
International Paper Co Savannah (GA).....	73,485	-	-	-	-	-	29	2	195
Printing & Communication Papers Franklin	25,106	2,027	26,048	-	-	-	18	6	343
Union Carbide Corp-Seadrift.....	-	-	19,234	-	-	-	-	-	-
Seadrift Plant Union Carbide Corp (TX).....	-	-	19,234	-	-	-	-	-	-
Union Carbide Corp-Taft.....	-	-	150,515	-	-	-	-	-	1,691
St Charles Ops (LA).....	-	-	150,515	-	-	-	-	-	1,691
Union Carbide Corp-Texas City.....	-	-	34,136	-	-	-	-	-	270
Texas City Plant Union Carbide (TX).....	-	-	34,136	-	-	-	-	-	270
Union County Utilities Auth.....	-	-	130	-	-	-	-	-	6
Union County Resource Recovery Facility	-	-	130	-	-	-	-	-	6
Union Electric Develop Corp.....	981,504	2,609	10,637	-	-	-	564	5	185
COFFEEN (IL).....	226,323	842	-	-	-	-	118	2	-
Columbia (MO).....	-	-	-	-	-	-	-	-	-
Elgin Energy Center (IL).....	-	-	6,651	-	-	-	-	-	132
Gibson City (IL).....	-	-	-182	-	-	-	-	-	0
GRAND TOWER (IL).....	-	-	-	-	-	-	-	-	-
HUTSONVILLE (IL).....	50,591	283	-	-	-	-	25	1	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Kinmundy (IL).....	-	-	-192	-	-	-	-	-	0
MEREDOSIA (IL)	103,987	1,037	12	-	-	-	62	2	0
NEWTON (IL)	600,603	447	-	-	-	-	360	1	-
Pinckneyville (IL).....	-	-	4,348	-	-	-	-	-	52
Union Oil Co of California	-	-	32,890	-	-	-	-	-	382
Tosco Refining Co (CA)	-	-	32,890	-	-	-	-	-	382
Union Pacific R E M Inc	-	-	-	-	-	12,494	-	-	-
Upton Wind I (TX).....	-	-	-	-	-	12,494	-	-	-
Union Pacific Resources Co	-	-	2	-	-	-	-	-	16
East Texas Gas Plant (TX)	-	-	2	-	-	-	-	-	16
United Development Grp-Niagara	-	-	-	-	-	-	-	-	-
WPS Empire State- Niagara Falls (NY).....	-	-	-	-	-	-	-	-	-
United States Sugar Corp	-	313	-	-	-	11,167	-	1	-
Bryant Sugar House (FL)	-	73	-	-	-	4,543	-	0	-
Clewiston Sugar House (FL).....	-	240	-	-	-	6,624	-	0	-
University of California-LA	-	-	24,726	-	-	-	-	-	219
UCLA South Campus Central Chiller Cogen	-	-	24,726	-	-	-	-	-	219
University of Iowa	3,650	-	1,208	-	-	46	8	0	64
University of Iowa Main (IA).....	3,650	-	1,208	-	-	46	8	0	64
University of Michigan	-	90	14,668	-	-	-	-	0	255
University of Michigan (MI).....	-	90	14,668	-	-	-	-	0	255
University of Missouri	9,772	-	900	-	-	381	11	-	26
University of Missouri Columbia Power	9,772	-	900	-	-	381	11	-	26
University of North Carolina	5,256	-	349	-	-	-	7	-	13
UNC Chapel Hill Cogen (NC)	5,256	-	349	-	-	-	7	-	13
University of Oregon	-	-	-	-	-	-	-	-	-
University of Oregon Central Power Station	-	-	-	-	-	-	-	-	-
University of Texas at Austin	-	-	27,917	-	-	-	-	-	358
University of Texas at Austin (TX).....	-	-	27,917	-	-	-	-	-	358
University Park Energy LLC	-	-	2,950	-	-	-	-	-	30
University Park (IL).....	-	-	2,950	-	-	-	-	-	30
USCE-Philpott Lake	-	-	-	-	-	5,172	-	-	-
Upton Wind IV (TX).....	-	-	-	-	-	5,172	-	-	-
USX Corp	-	83,347	-	-	-	-	-	1	7,578
Gary Works (IN).....	-	83,347	-	-	-	-	-	1	7,578
USX Corp-Fairfield Works	-	-	19,685	-	-	-	-	-	103
Fairfield Works (AL).....	-	-	19,685	-	-	-	-	-	103
USX Corp-Mon Valley	-	-	37,918	-	-	-	-	-	5,325
Mon Valley Works (PA).....	-	-	37,918	-	-	-	-	-	5,325
Utah City/County Health Dept	-	-	-	-	-	10,462	-	-	-
Upton Wind III (TX)	-	-	-	-	-	10,462	-	-	-
Valero Refining Co-Houston	-	-	33,546	-	-	-	-	5	390
Valero Refinery Corpus Christi (TX).....	-	-	33,546	-	-	-	-	5	390
Vandolah Power Co LLC	-	19,070	42,420	-	-	-	-	34	455
Hardee (FL)	-	19,070	42,420	-	-	-	-	34	455
Vermillion Generating Stat LLC	-	-	-	-	-	-	-	-	-
Vermillion (IN).....	-	-	-	-	-	-	-	-	-
Victory Garden Phase IV Part	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Victory Garden Phase IV (CA)	-	-	-	-	-	-	-	-	-
Viersen & Cochran	209,315	11,206	-	-	-	-	96	23	-
Indian River Ops (DE)	209,315	4,087	-	-	-	-	96	8	-
Vienna Ops (MD)	-	7,119	-	-	-	-	-	15	-
Viking Energy Corp	-	-	-	-	-	36,280	-	-	-
Viking Energy of Lincoln (MI)	-	-	-	-	-	12,885	-	-	-
Viking Energy of McBain (MI)	-	-	-	-	-	11,107	-	-	-
Viking Energy of Northumberland (PA)	-	-	-	-	-	12,288	-	-	-
Vineland Cogeneration LP	-	-	7,483	-	-	-	-	-	64
Vineland Cogen (NJ)	-	-	7,483	-	-	-	-	-	64
Vintage Petroleum Inc.	-	-	-	-	-	-	-	-	-
Flomaton Treating (AL)	-	-	-	-	-	-	-	-	-
VMSO IV Corp.	-	-	-	-	-	8,481	-	-	-
Cabazon Wind Farm (CA)	-	-	-	-	-	8,481	-	-	-
Vulcan Materials Co.	-	-	-	-	-	-	-	-	-
Geismar (LA)	-	-	-	-	-	-	-	-	-
Vulcan/BN Geothermal Power Co.	-	-	-	-	-	24,941	-	-	-
Vulcan (CA)	-	-	-	-	-	24,941	-	-	-
Wadham Energy Ltd Partners	-	-	-	-	-	17,532	-	-	-
Wadham Energy LP (CA)	-	-	-	-	-	17,532	-	-	-
Warren Power LLC.	-	-	-	-	-	-	-	-	-
Warren Peaking Power (TX)	-	-	-	-	-	-	-	-	-
Washington State University	287	-	245	-	-	-	2	-	29
Washington State University (WA)	287	-	245	-	-	-	2	-	29
Weirton Steel Corp.	-	1,044	13,279	-	-	-	-	11	6,589
Weirton Steel Corp (WV)	-	1,044	13,279	-	-	-	-	11	6,589
Wellesley College	-	-	2,941	-	-	-	-	-	30
Wellesley College Utility Plant (MA)	-	-	2,941	-	-	-	-	-	30
Wells Project	-	-	455	-	-	-	-	-	6
Wellhead Power Gates, LLC (CA)	-	-	72	-	-	-	-	-	1
Wellhead Power Panoche, LLC (CA)	-	-	383	-	-	-	-	-	6
West Georgia Generating Co LP	-	302	22,367	-	-	-	-	1	236
West Georgia (TX)	-	302	22,367	-	-	-	-	1	236
West Texas Wind Energy Partner	-	-	-	-	-	12,767	-	-	-
West Texas Wind Energy LLC (TX)	-	-	-	-	-	12,767	-	-	-
Westchester County IDA	-	-	-	-	-	-	-	-	-
Westchester Resco (NY)	-	-	-	-	-	-	-	-	-
Westmoreland-LG&E Partners	133,647	-	-	-	-	-	50	-	-
Westmoreland LG&E Partners Roanoke	96,732	-	-	-	-	-	35	-	-
Westmoreland LG&E Partners Roanoke	36,915	-	-	-	-	-	15	-	-
Westvaco Corp.	-	-	-	-	-	-	-	-	-
Covington (VA)	-	-	-	-	-	-	-	-	-
Luke Mill (MD)	-	-	-	-	-	-	-	-	-
Westward Seafoods Inc.	-	2,093	-	-	-	-	-	3	-
Westward Seafoods Inc (AK)	-	2,093	-	-	-	-	-	3	-
Westwind Trust.	-	-	-	-	-	2,827	-	-	-
Westwind Trust (CA)	-	-	-	-	-	2,827	-	-	-
Westwood Energy Properties	17,250	468	-	-	-	-	33	2	-
Westwood Generating Station (PA)	17,250	468	-	-	-	-	33	2	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Weyerhaeuser Co	1	5,197	12,716	-	-	167,760	3	55	848
Columbus MS (MS).....	-	440	2,577	-	-	60,782	-	2	48
Cosmopolis WA (WA).....	-	1,002	-	-	-	4,844	-	5	-
Flint River Ops (GA).....	-	416	-	-	-	28,675	-	2	-
Longview WA (WA).....	1	-	4	-	-	19,590	3	1	291
New Bern NC (NC).....	-	-	-	-	-	20,049	-	24	-
Springfield Oregon (OR).....	-	-	2,786	-	-	10,240	-	-	236
Valliant OK (OK).....	-	3,339	7,349	-	-	23,580	-	20	273
Weyhaeuser Co-Plymouth	-	-	-	-	-	-	-	-	-
Plymouth NC (NC).....	-	-	-	-	-	-	-	-	-
WFEC GENCO	-	-	1,197	-	-	-	-	-	12
WFEC GENCO (OK).....	-	-	1,197	-	-	-	-	-	12
Wheelabrator Environmental Sys	25,956	-	29,211	-	-	44,560	38	1	295
Baltimore Refuse Energy Systems (MD).....	-	-	-	-	-	-	-	-	-
Bridgeport (CT).....	-	-	-	-	-	-	-	-	-
Claremont (NH).....	-	-	-	-	-	-	-	-	-
Concord (NH).....	-	-	-	-	-	-	-	-	-
Gloucester (NJ).....	-	-	-	-	-	-	-	-	-
Hudson (CA).....	-	-	-	-	-	4,489	-	-	7
Lassen (CA).....	-	-	15,840	-	-	-	-	-	160
Millbury (MA).....	-	-	-	-	-	-	-	-	-
North Andover (MA).....	-	-	-	-	-	-	-	-	-
North Broward (FL).....	-	-	-	-	-	-	-	-	-
Norwalk (CA).....	-	-	13,371	-	-	-	-	-	128
Saugus (MA).....	-	-	-	-	-	-	-	-	-
Shasta (CA).....	-	-	-	-	-	33,235	-	-	-
Sherman (ME).....	-	-	-	-	-	6,836	-	-	-
South Broward (FL).....	-	-	-	-	-	-	-	-	-
Wheeler Frackville (PA).....	25,956	-	-	-	-	-	38	1	-
Wheelabrator Falls Inc	-	-	-	-	-	-	-	-	-
Wheelabrator Falls Inc (PA).....	-	-	-	-	-	-	-	-	-
Wheelabrator Martell Inc	-	-	-	-	-	-	-	-	-
Martell (CA).....	-	-	-	-	-	-	-	-	-
White Springs Agr Chemical Inc	-	1,024	-	-	-	-	-	2	-
Suwannee River Chem Complex (FL).....	-	-	-	-	-	-	-	-	-
Swift Creek Chemical Complex (FL).....	-	1,024	-	-	-	-	-	2	-
Whitefield Power & Light Co	-	-	-	-	-	7,938	-	-	-
Whitefield Power & Light Co (NH).....	-	-	-	-	-	7,938	-	-	-
Whiting Clean Energy Inc	-	-	-	-	-	-	-	-	1
Whiting Clean Energy (IN).....	-	-	-	-	-	-	-	-	1
Willamette Industries Inc	817	-	398	-	-	44,172	8	-	14
Kentucky Mills (KY).....	-	-	398	-	-	32,767	-	-	14
Kingsport Mill (TN).....	817	-	-	-	-	11,405	8	-	-
Willamina Lumber Co	-	-	-	-	-	-	-	-	-
Tillamook Lumber Co (OR).....	-	-	-	-	-	-	-	-	-
Willamette Industries Inc	10,090	29	30,478	-	-	22,619	12	0	425
Albany Paper Mill (OR).....	-	-	29,195	-	-	7,846	-	-	390
Johnsonburg Mill (PA).....	10,090	29	1,283	-	-	14,773	12	0	36
Williams Field Services Co	-	-	47,760	-	-	-	-	-	954
Ignacio (CO).....	-	-	4,047	-	-	-	-	-	360
Milagro Cogen (NM).....	-	-	43,713	-	-	-	-	-	593
Williams Gas Processing Co	-	433	884	-	-	-	-	1	12
Williams Refining & Marketing LLC (TN).....	-	433	884	-	-	-	-	1	12
Windland Inc	-	-	-	-	-	2,029	-	-	-
Windland Inc (CA).....	-	-	-	-	-	2,029	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Windpower Partners 1989 LP	-	-	-	-	-	-	-	-	-
Montezuma Hills Windplant (CA).....	-	-	-	-	-	-	-	-	-
Windpower Partners 1993 LP	-	-	-	-	-	21,828	-	-	-
Buffalo Ridge Windplant WPP 1993 (MN).....	-	-	-	-	-	4,165	-	-	-
San Geronio Windplant WPP93 (CA).....	-	-	-	-	-	12,320	-	-	-
West Texas Windplant (TX).....	-	-	-	-	-	5,343	-	-	-
Windpower Partners 91 LP	-	-	-	-	-	-	-	-	-
San Geronio Windplant (CA).....	-	-	-	-	-	-	-	-	-
Wintec Energy Ltd	-	-	-	-	-	-	-	-	-
Wintec Energy Ltd (CA).....	-	-	-	-	-	-	-	-	-
Wisvest Corp	-	-	-	-	-	-	-	-	-
Calumet Energy Team LLC (IL).....	-	-	-	-	-	-	-	-	-
Wisvest-Connecticut LLC	-	149,190	-	-	-	-	-	233	-
Bridgeport (CT).....	-	279	-	-	-	-	-	1	-
New Haven Harbor (CT).....	-	148,911	-	-	-	-	-	232	-
Wolf Hills Energy LLC	-	-	-	-	-	-	-	-	0
Wolf Hill Energy (VA).....	-	-	-	-	-	-	-	-	0
Wood Products Division	-	-	-	-	-	-	-	-	-
Emmett Power Co (ID).....	-	-	-	-	-	-	-	-	-
Woodland Biomass Power Ltd	-	-	-	-	-	18,504	-	-	0
Woodland Biomass Power Ltd (CA).....	-	-	-	-	-	18,504	-	-	0
Woodstock Hills LLC	-	-	-	-	-	1,844	-	-	-
Woodstock Windfarm (MN).....	-	-	-	-	-	1,844	-	-	-
WPS New England Generation Inc	-	-38	-	336	-	-	-	7	-
Caribou (ME).....	-	-29	-	338	-	-	-	7	-
Flos Inn Generation Station (ME).....	-	-9	-	-	-	-	-	0	-
Squa Pan Hydro (ME).....	-	-	-	-2	-	-	-	-	-
Wrightsville Power Fac LLC	-	-	32,311	-	-	-	-	-	329
Wrightsville Power Facility (AR).....	-	-	32,311	-	-	-	-	-	329
Yadkin Inc	-	-	-	28,642	-	-	-	-	-
Falls (NC).....	-	-	-	3,999	-	-	-	-	-
High Rock (NC).....	-	-	-	4,543	-	-	-	-	-
Narrows (NC).....	-	-	-	14,720	-	-	-	-	-
Tuckertown (NC).....	-	-	-	5,380	-	-	-	-	-
Yankee Caithness Joint Vent LP	-	-	-	-	-	6,568	-	-	-
Steamboat Hills Geothermal (NV).....	-	-	-	-	-	6,568	-	-	-
Yellowstone Energy LP	-	5,200	11,963	-	-	-	-	12	749
Yellowstone Energy LP (MT).....	-	5,200	11,963	-	-	-	-	12	749
York Cogen Facility	-	-	5,582	-	-	-	-	-	69
York Cogen Facility (PA).....	-	-	5,582	-	-	-	-	-	69
York County Solid W & R Auth	-	219	-	-	-	-	-	1	-
York County Resource Recovery (PA).....	-	219	-	-	-	-	-	1	-
Yuba City Cogen Partners LP	-	-	-	-	-	-	-	-	-
Yuba City Cogen (CA).....	-	-	-	-	-	-	-	-	-
Yuma Cogeneration Associates	-	-	378,895	-	-	-	-	-	-
Yuma Cogen Assoc (AZ).....	-	-	378,895	-	-	-	-	-	-
Zinc Corp of America	50,072	-	-	-	-	-	23	-	-
G F Weaton (PA).....	50,072	-	-	-	-	-	23	-	-
Zion Energy LLC	-	-	2,576	-	-	-	-	-	29

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, October 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)
Zion Energy Center (IL).....	-	-	2,576	-	-	-	-	-	29
Zond Systems Inc.....	-	-	-	-	-	-	-	-	-
251 Project (CA).....	-	-	-	-	-	-	-	-	-
33 East 85-A (CA).....	-	-	-	-	-	-	-	-	-
33 East 85-B (CA).....	-	-	-	-	-	-	-	-	-
Mesa Wind Developers (ZPI) (CA).....	-	-	-	-	-	-	-	-	-
Mesa Wind Developers (ZPII) (CA).....	-	-	-	-	-	-	-	-	-
Painted Hills Wind Developers (CA).....	-	-	-	-	-	-	-	-	-
Santa Clara (CA).....	-	-	-	-	-	-	-	-	-

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

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

Appendix A

General Information

Articles

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

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

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

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Appendix B

Major Disturbances and Unusual Occurrences

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

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

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

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

A report is mandatory when, for the purpose of maintaining the continuity of the bulk power supply

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

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

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

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

Table B1. Major Disturbances and Unusual Occurrences, 2002

Date	Utility/Power Pool (NERC Council)	Time	Area	Type of Disturbance	Loss (mega- watts)	Number of Customers Affected	Restoration Time
1/30/02	Oklahoma Gas & Electric (SPP)	6:00 am	Oklahoma	Ice Storm	500	1,881,134	12:00 pm, February 7
1/29/02	Kansas City Power & Light (SPP)	Evening	Metropolitan Kansas City Area	Ice Storm	500-600	270,000	NA
1/30/02	Missouri Public Service (SPP)	4:00 pm	Missouri	Ice Storm	210	95,000	9:00 pm, February 10
2/27/02	San Diego Gas & Electric (WSCC)	10:48 am	California	Interruption of Firm Load	300	255,000	11:35 am, February 27
3/09/02	Consumers Energy Co. (CECAR)	12:00 am	Lower Peninsula of Michigan	Severe Weather	190	190,000	12:00 pm, March 11
4/08/02	Arizona Public Service (WSCC)	3:00 pm	Arizona	Vandalism/ Insulators	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
10/03/02	(NERC Council) Entergy Corporation (SPP)	3:33 am	Coastal Areas of Southern Louisiana	Hurricane Lily	NA	242,910	October 12

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 Environ-

mental 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.

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

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 value.

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 estimate 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

^aFactor 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 errors 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, September 2002

Census Division and State	Coal (Btu per ton) ¹	Petroleum (Btu per barrel)	Gas (Btu per thousand cubic feet)
New England	26,967,481	6,211,617	1,035,183
Connecticut	-	-	-
Maine	-	-	-
Massachusetts	26,118,000	6,330,260	1,030,274
New Hampshire	27,011,940	5,787,600	1,047,000
Rhode Island	-	-	-
Vermont	-	-	-
Middle Atlantic	25,845,834	6,400,631	1,016,950
New Jersey	26,063,470	6,376,426	-
New York	26,093,270	6,404,916	1,016,950
Pennsylvania	25,458,678	5,922,000	-
East North Central	20,851,950	6,089,349	773,322
Illinois	19,198,688	5,764,022	1,021,967
Indiana	21,259,926	5,755,717	1,003,000
Michigan	20,371,101	6,230,873	733,152 ^a
Ohio	24,484,150	5,786,978	1,024,649
Wisconsin	17,801,055	5,880,000	1,001,349
West North Central	16,713,236	6,408,117	1,007,249
Iowa	17,144,886	5,880,000	1,001,353
Kansas	17,185,562	6,591,598	1,008,399
Minnesota	17,754,938	5,799,468	1,005,790
Missouri	17,796,468	5,799,479	1,008,308
Nebraska	17,268,188	5,801,880	1,007,931
North Dakota	13,130,462	5,819,863	-
South Dakota	17,029,802	-	-
South Atlantic	24,504,983	6,406,599	1,035,360
Delaware	-	-	1,032,000
District of Columbia	-	-	-
Florida	24,723,284	6,418,219	1,035,684
Georgia	23,318,896	5,817,000	1,032,508
Maryland	-	-	-
North Carolina	24,827,594	5,812,727	1,032,000
South Carolina	25,363,378	5,815,095	1,028,000
Virginia	25,532,916	6,381,585	1,029,787
West Virginia	24,352,857	5,861,623	1,000,000
East South Central	22,461,135	5,855,354	1,034,630
Alabama	21,344,694	5,775,014	1,040,627
Kentucky	23,020,918	5,866,908	1,025,000
Mississippi	23,675,650	5,991,389	1,030,242
Tennessee	22,893,738	5,875,800	-
West South Central	16,810,286	5,990,102	1,030,073
Arkansas	17,340,372	5,909,916	1,017,133
Louisiana	15,062,216	6,483,670	1,036,630
Oklahoma	17,377,006	-	1,027,482
Texas	16,672,979	5,880,000	1,026,568
Mountain	19,646,338	5,846,179	1,016,693
Arizona	20,371,438	5,852,028	1,018,814
Colorado	19,366,816	-	990,304
Idaho	-	-	-
Montana	16,764,120	5,922,000	1,134,261
Nevada	22,552,086	-	1,022,947
New Mexico	19,566,234	5,712,000	1,018,514
Utah	22,248,784	5,879,979	1,058,000
Wyoming	17,490,558	5,880,000	1,044,000
Pacific Contiguous	17,501,842	-	1,011,191
California	-	-	1,009,836
Oregon	17,501,842	-	1,020,000
Washington	-	-	-
Pacific Noncontiguous	-	-	1,000,000
Alaska	-	-	1,000,000
Hawaii	-	-	-
U.S. Average	20,395,969	6,386,909	1,023,413

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
Stocks¹					
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
Stocks¹					
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 ³20	.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 than 0.05 percent.

NA = Not Available.

Notes: • Change refers to the difference between estimates or preliminary monthly data published in the *Electric Power Monthly* (EPM) and the final monthly data published in the EPM. • Mean absolute value of change is the unweighted average of the absolute changes.

Sources: • Energy Information Administration: Form EIA-900, "Monthly Nonutility Power Plant Report"; 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
Stocks²						
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.

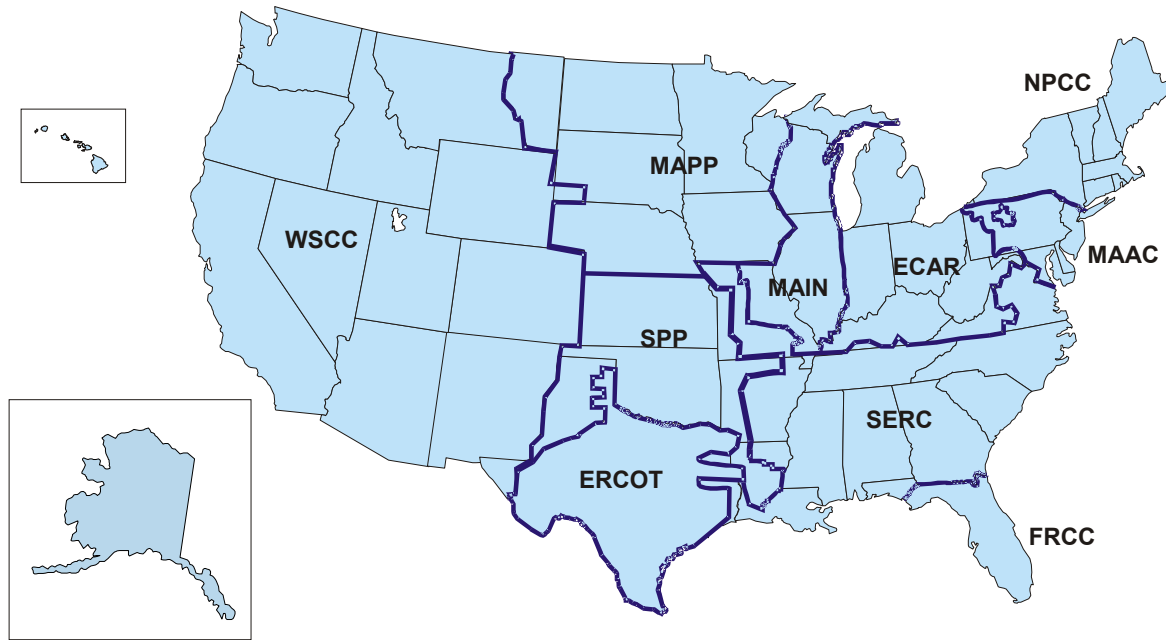
* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.

NA = Not Available.

Notes: • The average revenue per kilowatthour is calculated by dividing revenue by sales. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-900, "Monthly Nonutility Power Report;" Form EIA-867, "Annual Nonutility Power Producer Report;" Form EIA-759, "Monthly Power Plant Report;" Form EIA-861, "Annual Electric Utility Report;" 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, October 2002
(Percent)

State	Coal	Petroleum	Gas	Hydroelectric	Nuclear	Other ¹
Alabama	-	-	-	-	-	-
Alaska	-	NM	0.63	NM	-	NM
Arizona	-	-	-	-	-	-
Arkansas	-	2.6	-	2.82	-	-
California	-	-	1.21	0.75	-	-
Colorado	-	NM	1.39	6.18	-	-
Connecticut	-	NM	-	NM	-	NM
Delaware	-	NM	-	-	-	-
Florida	-	0.02	0.02	-	-	-
Georgia	0.02	-	NM	1.92	-	-
Hawaii	-	-	-	-	-	-
Idaho	-	-	-	2.15	-	-
Illinois	1.63	NM	NM	NM	-	-
Indiana	0.19	2.23	1.93	-	-	-
Iowa	0.52	NM	NM	-	-	-
Kansas	-	9.58	NM	-	-	-
Kentucky	0.18	-	-	-	-	-
Louisiana	-	0.42	0.55	-	-	-
Maine	-	-	-	NM	-	-
Maryland	-	NM	NM	-	-	-
Massachusetts	NM	NM	NM	NM	-	-
Michigan	0.35	4.92	4	NM	-	-
Minnesota	0.72	3.64	NM	1.33	-	-
Mississippi	0.6	8.97	0.75	-	-	-
Missouri	-	4.82	6.07	NM	-	-
Montana	-	NM	-	0.72	-	-
Nebraska	-	NM	NM	0.13	-	-
Nevada	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-
New Mexico	0.34	-	4.47	NM	-	-
New York	-	0.52	0.26	0.5	-	-
North Carolina	-	-	-	0.22	-	-
North Dakota	-	-	-	-	-	-
Ohio	0.22	2.25	NM	-	-	-
Oklahoma	-	NM	0.58	-	-	-
Oregon	-	-	-	-	-	-
Pennsylvania	-	NM	NM	6.31	-	-
Rhode Island	-	NM	-	-	-	-
South Carolina	-	1.36	-	NM	-	-
South Dakota	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-
Texas	-	NM	0.31	NM	-	-
Utah	-	NM	5.46	NM	-	-
Vermont	-	NM	-	NM	-	-
Virginia	-	5.57	1.85	-3.15	-	-
Washington	-	-	-	0.12	-	-
West Virginia	-	-	-	-	-	-
Wisconsin	0.15	NM	6.22	4.12	-	-
Wyoming	-	-	-	7.74	-	-

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, October 2002
(Percent)

State	Consumption		
	Coal	Petroleum	Gas
Alabama.....	-	-	-
Alaska.....	-	NM	0.96
Arizona.....	-	-	-
Arkansas.....	-	2.28	-
California.....	-	-	1.12
Colorado.....	-	NM	1.49
Connecticut.....	-	NM	-
Delaware.....	-	NM	-
Florida.....	-	0.03	0.01
Georgia.....	0.05	-	7.91
Hawaii.....	-	-	-
Idaho.....	-	-	-
Illinois.....	1.53	NM	NM
Indiana.....	0.2	4.28	1.08
Iowa.....	0.49	NM	8.14
Kansas.....	-	9.95	NM
Kentucky.....	0.18	-	-
Louisiana.....	-	0.48	0.31
Maine.....	-	-	-
Maryland.....	-	NM	NM
Massachusetts.....	NM	NM	5.83
Michigan.....	0.35	4.7	1.32
Minnesota.....	1.11	NM	NM
Mississippi.....	0.65	7.33	0.43
Missouri.....	-	NM	4.15
Montana.....	-	NM	-
Nebraska.....	-	NM	7.01
Nevada.....	-	-	-
New Hampshire.....	-	-	-
New Jersey.....	-	-	-
New Mexico.....	0.32	-	5.23
New York.....	-	0.5	0.16
North Carolina.....	-	-	-
North Dakota.....	-	-	-
Ohio.....	0.27	1.77	5.02
Oklahoma.....	-	NM	0.29
Oregon.....	-	-	-
Pennsylvania.....	-	NM	NM
Rhode Island.....	-	NM	-
South Carolina.....	-	0.88	-
South Dakota.....	-	-	-
Tennessee.....	-	-	-
Texas.....	-	NM	0.21
Utah.....	-	NM	6.2
Vermont.....	-	NM	-
Virginia.....	-	5.57	0.99
Washington.....	-	-	-
West Virginia.....	-	-	-
Wisconsin.....	0.13	NM	2.86
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, October 2002
(Percent)

Census Division	Coal	Petroleum	Gas	Hydroelectric	Nuclear	Other ¹
New England	4.1	4.9	2.3	5.5	-	6.5
Mid Atlantic	0.5	7.2	2.8	4.9	-	5.0
East North Central	0.7	NM	7.3	NM	-	NM
West North Central	NM	NM	NM	NM	-	9.5
South Atlantic	1.1	8.1	8.5	1.7	-	3.8
East South Central	2.9	NM	NM	-	-	9.8
West South Central	0.3	NM	1.8	1.6	-	2.2
Mountain	1.0	NM	3.0	3.1	-	NM
Pacific Contiguous	1.8	NM	2.7	NM	-	3.0
Pacific Noncontiguous	NM	NM	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, October 2002
(Percent)

Census Division	Consumption			Stocks	
	Coal	Petroleum	Gas	Coal	Petroleum
New England	6.6	4.4	3.7	-	-
Mid Atlantic	0.8	5.5	5.6	-	-
East North Central	0.8	NM	NM	-	-
West North Central	NM	NM	NM	-	-
South Atlantic	1.8	9.4	4.0	-	-
East South Central.....	4.4	NM	NM	-	-
West South Central	0.5	NM	3.5	-	-
Mountain	1.2	NM	4.4	-	-
Pacific Contiguous	1.7	NM	3.1	-	-
Pacific Noncontiguous	NM	9.6	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.

Noncoincident 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 outage 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 wathours (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.