

Electric Power Monthly October 2002

With Data for July 2002

Energy Information Administration
Office of Coal, Nuclear, Electric, and Alternate Fuels
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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 July 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 7 months of the year, total U.S. net generation of electricity was 2,215 billion kilowatthours, 1 percent above the amount reported for the corresponding period in 2001. Forty-nine percent of generation was produced by coal-fired plants, followed by 20 percent from nuclear, 18 percent from gas, 7 percent from hydro, 2 percent from petroleum, and 3 percent from renewables.

Net Generation and Utility Retail Sales—July 2002

Net Generation. Total U.S. net generation of electricity was 380 billion kilowatthours, 6 percent above the amount reported in July 2001. Electric utilities generated 249 billion kilowatthours (66 percent of total generation) and nonutility power producers generated 131 billion kilowatthours (34 percent of total generation). At utilities, fossil fuels (primarily coal) accounted for 72 percent of net generation, followed by 19 percent from nuclear and 9 percent from renewable resources (including hydro). At nonutilities, fossil fuels (primarily gas) accounted for 74 percent of total generation, followed by 19 percent from nuclear and 7 percent from renewables (including hydro).

Utility Retail Sales. Total sales of electricity to ultimate consumers in the United States were 339 billion kilowatthours, 23 billion kilowatthours (7 percent) more than reported in July 2001. The residential sector had sales of 133 billion kilowatthours, 11 percent more than reported in July 2001. Retail sales in the commercial sector were 7 percent more than reported a year ago while sales in the industrial sector were 3 percent more than reported a year ago.

Utility Fuel Receipts, Costs, and Quality—June 2002

Coal. Receipts of coal at electric utilities totaled 52 million short tons, a decrease of 12 million short tons from the level reported in June 2001. 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 now included in the nonutility data section.

Petroleum and Gas. Receipts of petroleum totaled 7 million barrels, down nearly 5 million barrels from the level reported in June 2001. Gas receipts totaled 165 billion cubic feet (Bcf), down from 213 Bcf reported in June 2001. Year-to-year comparisons of gas and petroleum receipts were affected by the transfer of plants to the nonutility sector.

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
Total			27,769		

^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 2.2 percent for all of 2002. Abnormally high summer temperatures and high cooling demand increased electricity demand sharply in the third quarter of 2002. Based on Edison Electric Institute data on weekly electricity output, production of electricity in the United States was up 6.5 percent in the third quarter of 2002 compared to the year-earlier level. 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 percent, since little or no net summer demand growth would be expected under normal level of cooling degree-days.
- Total U.S. electricity demand is expected to be 3.5 percent higher this winter than it was last winter, due to the slowly rising economy and assumptions of normal temperatures for the remainder of the winter, which would imply 13-percent colder conditions this winter than last, contributing to higher heating-related electricity demand.
- In 2001, total hydropower generation was down to lows not seen since 1966. In 2002, total hydro generation is expected to rise by 29 percent with normal precipitation in the Pacific Census Division (Washington, Oregon and California), the main region affected. Total oil-fired generation is projected to fall considerably from last year, by 31 percent, due to considerably higher relative prices, while total natural gas-fired generation is expected to rise by 10.2 percent from last year's level. In 2002, total nuclear generation is expected to rise by about 0.4 percent from the 2001 level and by approximately 0.9 percent in 2003.

¹Energy Information Administration, *Short-Term Energy Outlook: October 2002*, DOE/EIA-0202 (Washington, DC, October 2002), www.eia.doe.gov/emcu/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).

Electric Supply and Demand

(Billion Kilowatthours)

	2002				
	1 st	2 nd	3 rd	4 th	Year
Supply					
Net Utility Generation					
Coal.....	363.0	361.4	428.8	366.3	1,519.5
Petroleum.....	12.1	15.6	19.7	8.9	56.3
Natural Gas.....	46.3	58.3	94.3	47.7	246.5
Nuclear.....	129.5	122.5	136.7	119.3	508.1
Hydroelectric.....	55.7	70.0	59.7	61.1	246.6
Geothermal and Other ^a	0.5	0.4	0.5	0.5	2.0
Subtotal.....	607.2	628.2	739.8	603.7	2,578.9
Nonutility Generation ^b					
Coal.....	90.2	95.8	103.9	93.6	383.5
Petroleum.....	7.9	8.0	10.7	6.1	32.7
Natural Gas.....	95.1	102.6	135.3	116.1	449.1
Other Gaseous Fuels ^c	4.9	5.3	7.1	5.8	23.0
Nuclear.....	65.5	65.3	71.1	62.1	264.0
Hydroelectric.....	5.0	8.0	4.4	4.4	21.6
Geothermal and Other ^d	24.2	22.5	26.1	27.9	100.6
Subtotal.....	292.7	307.4	358.5	315.9	1,274.6
Total Generation.....	899.9	935.6	1,098.3	919.6	3,853.5
Net Imports.....	4.9	8.5	6.3	5.6	25.3
Total Supply.....	904.8	944.1	1,104.4	925.2	3,878.8
Losses and Unaccounted for ^e	28.5	58.4	54.5	56.2	197.6
Demand					
Electric Utility Sales					
Residential.....	312.0	280.4	390.7	293.2	1,276.3
Commercial.....	255.8	279.5	321.5	265.3	1,122.1
Industrial.....	227.5	243.2	245.6	229.8	946.1
Other.....	25.6	26.5	31.5	27.4	111.0
Subtotal.....	820.9	829.6	989.4	815.6	3,455.5
Nonutility Gener. for Own Use ^b	55.5	56.1	60.7	53.4	225.7
Total Demand.....	876.4	885.7	1,050.1	869.0	3,681.2

Memo

Nonutility Sales to Electric Utilities ^b	236.8	229.8	237.2	251.3	297.8	262.5	1,048.9
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^a Other includes generation from wind, wood, waste, and solar sources.

^b Electricity from nonutility sources, including cogenerators and small power producers. Quarterly numbers for nonutility net sales, own use, and generation by fuel source supplied by the Office of Coal, Nuclear, Electric, and Alternate Fuels, Energy Information Administration (EIA), based on annual data reported to EIA on Form EIA-867, "Annual Nonutility Power Producer Report."

^c Includes refinery still gas and other process or waste gases, and liquefied petroleum gases.

^d Includes geothermal, solar, wind, wood, waste, nuclear, hydrogen, sulfur, batteries, chemicals and spent sulfite liquor.

^e Balancing item, mainly transmission and distribution losses.

Notes: • Minor discrepancies with other EIA published historical data are due to rounding. • Historical data are printed in bold, estimates and forecasts are in normal type. • The forecasts were generated by simulation of the Short-Term Integrated Forecasting System. • Mid World Oil Price Case.

Sources: **Historical Data and Estimates:** Energy Information Administration, latest data available from EIA databases supporting the following reports: Electric Power Monthly, DOE/EIA-0226 and Monthly Energy Review, DOE/EIA-0035;

Forecasts: Energy Information Administration, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric, and Alternate Fuels.

Heating Degree-Days by Census Division, July 2002

Census Division	Number of Degree-Days			Percent Change	
	<i>Normal</i> ^a	2001	2002	Normal to 2002	2001 to 2002
New England	11	28	16	NM	NM
Middle Atlantic	6	5	0	NM	NM
East North Central	9	11	1	NM	NM
West North Central	11	8	3	NM	NM
South Atlantic	0	0	0	NM	NM
East South Central	0	0	0	NM	NM
West South Central	0	0	0	NM	NM
Mountain	19	2	1	NM	NM
Pacific Contiguous	24	13	4	NM	NM
U.S. Average^b	9	7	2	NM	NM

^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, July 2002

Census Division	Number of Degree-Days			Percent Change	
	<i>Normal</i> ^a	2001	2002	Normal to 2002	2001 to 2002
New England	179	144	247	38	72
Middle Atlantic	247	214	321	30	50
East North Central	249	270	345	39	28
West North Central	325	381	390	20	2
South Atlantic	412	373	448	9	20
East South Central	403	412	438	9	6
West South Central	543	599	524	-4	-12
Mountain	337	375	410	22	9
Pacific Contiguous	190	177	198	4	12
U.S. Average^b	316	317	364	15	15

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

^b Excludes Alaska and Hawaii.

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 Capacity (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	2.0	Petroleum	IC
Shady Hills Power Co LLC.....	N	Shady Hills Generating	FL	G101	182.0	Gas	GT
				G201	182.0	Gas	GT
				G301	182.0	Gas	GT
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
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	161.0	Gas	CT
				CTG2	161.0	Gas	CT
				CTG3	161.0	Gas	CT
				STG1	106.0	Gas	CA
				STG2	106.0	Gas	CA
				STG3	106.0	Gas	CA
Merchant Energy Partners	N	Aries Power Project	MO	ST-1	265.0	Gas	CA
Stora Enso North America.....	N	Stevens Point Mill	WI	SP	7.6	Gas	ST
March							
South Carolina Pub Serv Auth	U	John S. Rainey	SC	CT2A	140.0	Gas	CT
La Paloma Generating Co LLC.....	N	La Paloma Generating	CA	GEN1	280.0	Gas	CS
				GEN2	280.0	Gas	CS
				GEN3	280.0	Gas	CS
				GEN4	280.0	Gas	CS
NRG North Central Op Inc.....	N	Kendall County	IL	CTG1	198.9	Gas	CT
				STG1	126.6	Gas	CA
Oleander Power Project LP	N	Oleander Power Project	FL	Unit1	198.9	Gas	GT
				Unit2	198.9	Gas	GT
				Unit3	198.9	Gas	GT
				Unit4	198.9	Gas	GT
Plains End LLC	N	Plains End Generating	CO	GE10	5.7	Gas	IC
				GE11	5.7	Gas	IC
				GE12	5.7	Gas	IC
				GE13	5.7	Gas	IC
				GE14	5.7	Gas	IC
				GE15	5.7	Gas	IC
				GE16	5.7	Gas	IC
				GE17	5.7	Gas	IC
				GE18	5.7	Gas	IC
				GE19	5.7	Gas	IC
				GE20	5.7	Gas	IC
				GEN1	5.7	Gas	IC
				GEN2	5.7	Gas	IC
				GEN3	5.7	Gas	IC
				GEN4	5.7	Gas	IC
				GEN5	5.7	Gas	IC
				GEN6	5.7	Gas	IC
				GEN7	5.7	Gas	IC
				GEN8	5.7	Gas	IC
				GEN9	5.7	Gas	IC
Pleasants Energy LLC	N	Pleasants Energy LLC	WV	1	172.0	Gas	GT
				2	172.0	Gas	GT
Renaissance Power LLC.....	N	Renaissance Power LLC	MI	CT1	170.0	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
				CT2	170.0	Gas	GT
				CT3	170.0	Gas	GT
				CT4	170.0	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
Oglethorpe Pow Corp	U	Talbot	GA	2	102.0	Gas	GT
Rochester Pub Util	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
ANP Operations Co	N	Hays Energy Project	TX	U2	280.0	Gas	CS
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	198.9	Gas	CT
				CTG3	198.9	Gas	CT
				STG3	126.6	Gas	CA
				STG4	126.6	Gas	CA
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
				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
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	280.0	Gas	CS
Delta Energy Center LLC.....	N	Delta Energy Center	CA	CTG1	212.0	Gas	CT
				CTG2	212.0	Gas	CT
				STG1	306.0	Gas	ST
Dominion Resources Inc	N	Armstrong Energy LLC	PA	1	172.0	Gas	GT
				2	172.0	Gas	GT
				3	172.0	Gas	GT
				4	172.0	Gas	GT
Duke Energy Enterprise LLC.....	N	Enterprise Energy	MS	CT1	80.0	Gas	GT
				CT2	84.0	Gas	GT
				CT3	84.0	Gas	GT
				CT4	80.0	Gas	GT
				CT5	80.0	Gas	GT
				CT6	80.0	Gas	GT
				CT7	80.0	Gas	GT
				CT8	80.0	Gas	GT
Duke Energy Southaven LLC	N	Duke Energy Southaven	MS	1	80.0	Gas	GT
				2	80.0	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
				3	80.0	Gas	GT
				4	80.0	Gas	GT
				5	80.0	Gas	GT
				6	80.0	Gas	GT
				7	80.0	Gas	GT
				8	80.0	Gas	GT
El Paso Merchant Energy Co	N	Bastrop Energy Center	TX	1	180.0	Gas	CT
				2	180.0	Gas	CT
				3	180.0	Gas	CA
NRG North Central Op Inc.....	N	Kendall County	IL	CTG4	198.9	Gas	CT
				STG2	126.6	Gas	CA
Power Energy Partners LLC.....	N	Crete Energy Park	IL	GT2	89.0	Gas	GT
				GT3	89.0	Gas	GT
				GT4	89.0	Gas	GT
PPL Sundance Energy LLC.....	N	Sundance Energy LLC	AZ	CT1	45.0	Gas	GT
				CT2	45.0	Gas	GT
				CT4	45.0	Gas	GT
				CT5	45.0	Gas	GT
				CT6	45.0	Gas	GT
Rio Nogales Power Project LP.....	N	Rio Nogales Power	TX	CTG1	175.0	Gas	CT
				CTG3	175.0	Gas	CT
				STG1	300.0	Gas	CA
Tenaska Alabama Partners LP.....	N	Tenaska Lindsay Hill	AL	GTG1	183.1	Gas	CT
				GTG2	183.1	Gas	CT
				GTG3	183.1	Gas	CT
Tri-State Power LLC.....	N	Brighton Generating	CO	BR1	77.1	Gas	GT
				BR2	71.1	Gas	GT
Vanderbilt University	N	Vanderbilt University	TN	GT1	5.2	Gas	GT
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
ANP Operations Co.....	N	Midlothian Energy	TX	STK5	289.0	Gas	CS
				STK6	289.0	Gas	CS
Bayswater Peaking Facility LLC.....	N	Bayswater Peaking	NY	1	58.0	Gas	GT
Bluegrass Generation Co LLC	N	Bluegrass Generation Co	KY	CT1	208.0	Gas	GT
				CT2	208.0	Gas	GT
				CT3	208.0	Gas	GT
Calpine Construction F Corp LP.....	N	Decatur Energy Center,	AL	CTG1	180.0	Gas	CT
				CTG2	180.0	Gas	CT
				STG1	171.0	Gas	CA
Dominion Resources Inc	N	Troy Energy LLC	OH	2	172.0	Gas	GT
				3	172.0	Gas	GT
				4	172.0	Gas	GT
Duke Energy Hot Spring LLC.....	N	Duke Energy Hot Spring	AR	CT1	198.9	Gas	CT
				CT2	198.9	Gas	CT
				ST1	198.9	Gas	CT
Duke Energy Marshall Cnty LLC.....	N	Marshall County	KY	CT1	80.0	Gas	GT
				CT2	80.0	Gas	GT
				CT3	80.0	Gas	GT
				CT4	80.0	Gas	GT
				CT5	80.0	Gas	GT
Duke Energy North America LLC.....	N	Duke Energy Murray	GA	1GT1	147.0	Gas	CT
				1GT2	147.0	Gas	CT
				1STG	320.0	Gas	CA

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				
Duke Energy Sandersville LLC.....	N	Duke Energy	GA	CT1	86.5	Gas	GT				
				CT2	86.5	Gas	GT				
				CT3	86.5	Gas	GT				
				CT4	86.5	Gas	GT				
Freestone Power Generation LP.....	N	Freestone Power	TX	GT1	166.7	Gas	GT				
				GT2	166.7	Gas	GT				
Hermiston Power Partnership.....	N	Hermiston Power Project	OR	ST3	184.6	Gas	CA				
				CTG1	250.0	Gas	CT				
				CTG2	250.0	Gas	CT				
MEP Flora Power LLC.....	N	MEP Flora Power LLC	IL	STG1	311.0	Gas	CA				
				CT01	114.0	Gas	GT				
				CT02	114.0	Gas	GT				
				CT03	114.0	Gas	GT				
Mirant Sugar Creek LLC.....	N	Mirant Sugar Creek	IN	CT04	114.0	Gas	GT				
				CT01	154.3	Gas	CT				
				1	180.0	Gas	GT				
				3	166.0	Gas	GT				
NRG Rockford II LLC	N	NRG Rockford I Energy	IL	1	180.0	Gas	GT				
								NRG Rockford II Energy	IL	3	166.0
PPL Sundance Energy LLC.....	N	Sundance Energy LLC	AZ	CT10	45.0	Gas	GT				
				CT7	45.0	Gas	GT				
PPL University Park LLC	N	PPL University Park Pwr	IL	CT8	45.0	Gas	GT				
				CT9	45.0	Gas	GT				
				1	45.0	Gas	GT				
				2	45.0	Gas	GT				
				3	45.0	Gas	GT				
				4	45.0	Gas	GT				
				5	45.0	Gas	GT				
				6	45.0	Gas	GT				
				7	45.0	Gas	GT				
PSEG Fossil LLC	N	Bergen Generating	NJ	8	45.0	Gas	GT				
				9	45.0	Gas	GT				
				2101	174.0	Gas	CT				
				2201	174.2	Gas	CT				
Reliant Energy Oseola LLC	N	Reliant Energy Osceola	FL	2301	258.0	Gas	CA				
				CTG3	200.0	Gas	GT				
Reliant Energy Power Gen Inc.....	N	Reliant Energy Aurora	IL	CTG1	213.0	Gas	GT				
Southeast Chicago Energy Proje.....	N	Southeast Chicago	IL	GT05	50.9	Gas	GT				
				GT06	50.9	Gas	GT				
				GT07	50.9	Gas	GT				
				GT08	50.9	Gas	GT				
				GT09	50.9	Gas	GT				
				GT10	50.9	Gas	GT				
				GT11	50.9	Gas	GT				
				GT12	50.9	Gas	GT				
				Tenaska Alabama Partners LP.....	N	Tenaska Lindsay Hill	AL	STG1	390.1	Gas	CA
				Tenaska Georgia Partners LP.....	N	Tenaska Georgia	GA	GTG4	183.2	Gas	GT
July	U	Kettle Falls	WA	GTG5	183.2	Gas	GT				
				GTG6	183.2	Gas	GT				
				2	6.0	Gas	GT				
				9	11.0	Gas	GT				
				1	72.0	Gas	GT				
				2	72.0	Gas	GT				
Delano City of	U	Delano	MN	3	72.0	Gas	GT				
				4	72.0	Gas	GT				
FirstEnergy	U	Sumpter	MI	3	72.0	Gas	GT				
				4	72.0	Gas	GT				
Great River Energy	U	Pleasant Valley	MN	3	115.0	Gas	GT				
Kansas Electric Power Coop.....	U	Sharpe	KS	1	1.9	Petroleum	IC				
				10	1.9	Petroleum	IC				
				2	1.9	Petroleum	IC				
				3	1.9	Petroleum	IC				
				4	1.9	Petroleum	IC				
				5	1.9	Petroleum	IC				
				6	1.9	Petroleum	IC				
				7	1.9	Petroleum	IC				
				8	1.9	Petroleum	IC				
				9	1.9	Petroleum	IC				
Maquoketa City of.....	U	Maquoketa 2	IA	1	1.9	Petroleum	IC				
National Pow Coop Inc.....	U	Robert P Mone	OH	2	1.9	Petroleum	IC				
				1	168.0	Gas	GT				
				2	168.0	Gas	GT				
				3	168.0	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) ¹	Energy Source	Unit Type Code
PacifiCorp.....	U	Gadsby	UT	4	43.7	Gas	ST
				5	43.7	Gas	ST
PacifiCorp.....	U	West Valley Generation	UT	U5	37.0	Gas	GT
Poplar Bluff City of.....	U	Poplar Bluff	MO	5	7.0	Petroleum	IC
Sitka City & Borough of.....	U	Indian River	AK	4	4.0	Petroleum	IC
Springfield City of.....	U	McCartney	MO	MGS1	50.0	Gas	GT
				MGS2	50.0	Gas	GT
Tennessee Valley Authority.....	U	Kemper County	NC	GT1	79.0	Gas	GT
				GT2	79.0	Gas	GT
				GT3	79.0	Gas	GT
				GT4	79.0	Gas	GT
Bayou Cove Peaking Power LLC.....	N	Bayou Cove Peaking	LA	1	110.0	Gas	GT
				2	110.0	Gas	GT
Calpine Corp.....	N	Acadia Power Station	LA	CT11	185.0	Gas	CT
				CT12	185.0	Gas	CT
				ST13	240.0	Gas	CA
Calpine Corp.....	N	Oneta Energy Center	OK	CTG1	189.2	Gas	CT
				CTG2	189.2	Gas	CT
				CTG3	189.2	Gas	CT
				CTG4	189.2	Gas	CT
Duke Energy Moss Landing LLC.....	N	Duke Energy Moss	CA	NWG1	530.0	Gas	CT
				NWG2	530.0	Gas	CT
Duke Energy North America LLC.....	N	Duke Energy Murray	GA	2GT1	147.0	Gas	CT
				2GT2	147.0	Gas	CT
				2STG	320.0	Gas	CA
Duke Energy Sandersville LLC.....	N	Duke Energy	GA	CT5	86.5	Gas	GT
				CT6	86.5	Gas	GT
				CT7	86.5	Gas	GT
				CT8	86.5	Gas	GT
Freestone Power Generation LP.....	N	Freestone Power	TX	GT3	166.7	Gas	CT
				GT4	166.7	Gas	CT
				ST6	184.6	Gas	CA
GWF Energy LLC.....	N	Henrietta Peaker	CA	HPP 1	49.3	Gas	GT
				HPP 2	49.3	Gas	GT
Kinder Morgan Power Co.....	N	Jackson MI Facility	MI	7EA	79.0	Gas	GT
				LM1	60.0	Gas	CT
				LM2	60.0	Gas	CT
				LM3	60.0	Gas	CT
				LM4	60.0	Gas	CT
				LM5	60.0	Gas	CT
				LM6	60.0	Gas	CT
				ST1	105.0	Gas	CA
				ST2	105.0	Gas	CA
Pinnacle West Energy.....	N	Redhawk Unit 1	AZ	GE1	172.0	Gas	CT
				GE2	172.0	Gas	CT
				GE3	172.0	Gas	CA
Pinnacle West Energy.....	N	Redhawk Unit 2	AZ	GE1	172.0	Gas	CT
				GE2	172.0	Gas	CT
				GE3	189.0	Gas	CA
PPL University Park LLC.....	N	PPL University Park Pwr	IL	10	45.0	Gas	GT
				11	45.0	Gas	GT
				12	45.0	Gas	GT
Vanderbilt University.....	N	Vanderbilt University	TN	GT2	5.2	Gas	GT
Wrightsville Power Fac LLC.....	N	Wrightsville Power	AR	G1	60.5	Gas	CT
				G2	60.5	Gas	CT
				G3	60.5	Gas	CT
				G4	60.0	Gas	CT
				G5	60.5	Gas	CT
				G6	60.5	Gas	CT
				G7	105.5	Gas	CA
				G8	105.5	Gas	CA
				G9	105.5	Gas	CA
Total Capacity of Newly Added Units	-	-	-	-	34,714.1	-	-
Total Capacity of Retired Units	-	-	-	-	7,007.9	-	-
US Total Capacity.....	-	-	-	-	889,222.2	-	-

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

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

Items	July 2002	June 2002	July 2001	Year To Date		
				2002	2001	Difference (percent)
Electric Power Industry						
Net Generation (Million kWh)						
Coal	182,952	164,115	180,118	1,093,390	1,122,156	-2.6
Petroleum	9,951	7,778	11,255	53,430	86,832	-38.5
Gas	83,515	64,608	74,307	395,944	364,910	8.5
Nuclear Power	70,421	66,372	69,163	453,283	446,819	1.4
Hydroelectric (Pumped Storage) ⁴	-985	-856	-941	-4,875	-4,834	0.8
Renewable						
Hydroelectric (Conventional)	25,375	28,312	17,895	167,963	133,315	26.0
Geothermal	1,159	1,049	1,176	7,773	8,071	-3.7
Biomass	6,403	5,670	6,137	42,852	39,588	8.2
Wind	763	914	581	4,967	3,646	36.2
Photovoltaic/Solar	106	109	121	475	455	4.4
All Energy Sources	379,662	338,071	359,813	2,215,201	2,200,957	0.6
Consumption²						
Coal (1,000 short tons)	92,985	83,992	92,925	557,710	572,390	-2.6
Petroleum (1,000 barrels) ⁵	14,423	11,249	17,600	76,776	143,080	-46.3
Gas (1,000 Mcf)	811,380	628,212	782,353	3,959,946	3,921,459	1.0
Stocks (end-of-month)³						
Coal (1,000 short tons)	153,087	162,533	129,202	-	-	-
Petroleum (1,000 barrels) ⁶	45,996	51,922	55,984	-	-	-
Nonutility						
Net Generation (Million kWh)						
Coal	38,379	33,660	32,770	224,386	206,949	8.4
Petroleum	4,352	2,849	4,030	20,193	33,949	-40.5
Gas	54,100	41,188	39,214	261,984	214,107	22.4
Nuclear Power	24,319	23,384	20,719	155,143	132,274	17.3
Hydroelectric (Pumped Storage) ⁴	-88	-102	-106	-501	-616	-18.6
Renewable						
Hydroelectric (Conventional)	1,633	2,429	1,466	14,967	13,512	10.8
Geothermal	1,145	1,035	1,160	7,668	7,988	-4.0
Biomass	6,266	5,559	5,970	41,939	38,459	9.0
Wind	753	903	568	4,866	3,567	36.4
Solar	106	109	121	473	453	4.4
All Energy Sources	130,966	111,015	105,912	731,116	650,642	12.4
Consumption¹						
Coal (1,000 short tons)	19,969	17,668	16,438	117,120	101,902	14.9
Petroleum (1,000 barrels) ⁵	5,736	4,002	6,321	26,903	56,224	-52.1
Gas (1,000 Mcf)	516,890	399,700	425,552	2,642,149	2,380,847	11.0
Stocks (end-of-month)³						
Coal (1,000 short tons)	37,134	38,943	26,537	-	-	-
Petroleum (1,000 barrels)	17,854	21,774	19,886	-	-	-
Electric Utility						
Net Generation (Million kWh)²						
Coal	144,573	130,456	147,348	869,004	915,207	-5.0
Petroleum ³	5,599	4,929	7,225	33,237	52,882	-37.1
Gas	29,415	23,419	35,093	133,960	150,803	-11.2
Nuclear Power	46,101	42,988	48,444	298,141	314,546	-5.2
Hydroelectric (Pumped Storage) ⁴	-898	-754	-835	-4,374	-4,219	3.7
Renewable						
Hydroelectric (Conventional)	23,742	25,883	16,429	152,996	119,802	27.7
Geothermal	14	14	16	105	83	25.8
Biomass	137	110	166	914	1,129	-19.1
Wind	10	10	13	101	79	28.4
Photovoltaic	*	*	*	2	2	6.6
All Energy Sources	248,695	227,056	253,900	1,484,085	1,550,315	-4.3
Consumption²						
Coal (1,000 short tons)	73,016	66,324	76,487	440,591	470,488	-6.4
Petroleum (1,000 barrels) ⁵	8,688	7,247	11,279	49,873	86,856	-42.6
Gas (1,000 Mcf)	294,491	228,513	356,801	1,317,798	1,540,612	-14.5
Stocks (end-of-month)³						
Coal (1,000 short tons)	115,953	123,590	102,664	-	-	-
Petroleum (1,000 barrels) ⁶	28,143	30,147	36,097	-	-	-

See footnotes at end of table.

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

Items	July 2002	June 2002	July 2001	Year To Date		
				2002	2001	Difference (percent)
Electric Utility						
Retail Sales (Million kWh)						
Residential.....	133,306	104,856	119,654	725,705	705,070	2.9
Commercial.....	109,537	100,494	102,474	644,796	624,097	3.3
Industrial.....	85,938	82,239	83,267	556,626	583,598	-4.6
Other ⁸	10,203	9,433	10,619	62,324	66,169	-5.8
All Sectors.....	338,984	297,022	316,014	1,989,451	1,978,934	0.5
Revenue (Million Dollars) ⁷						
Residential.....	11,717	9,139	10,777	60,917	59,697	2.0
Commercial.....	9,144	8,207	8,575	50,531	48,649	3.9
Industrial.....	4,406	4,145	4,592	26,891	29,562	-9.0
Other ⁸	667	638	703	4,128	4,238	-2.6
All Sectors.....	25,934	22,129	24,648	142,467	142,147	0.2
Average Revenue/kWh (Cents) ⁷						
Residential.....	8.79	8.72	9.01	8.39	8.47	-0.9
Commercial.....	8.35	8.17	8.37	7.84	7.80	0.5
Industrial.....	5.13	5.04	5.51	4.83	5.07	-4.6
Other ⁸	6.53	6.76	6.62	6.62	6.41	3.4
All Sectors.....	7.65	7.45	7.80	7.16	7.18	-0.3
	June 2002⁹	May 2002⁹	June 2001⁹	Year To Date		
				2002⁹	2001⁹	Difference (percent)
Receipts						
Coal (1,000 short tons).....	51,965	51,574	63,667	328,825	381,538	-13.8
Petroleum (1,000 barrels) ¹⁰	6,561	6,696	11,240	29,265	70,977	-58.8
Gas (1,000 Mcf).....	165,341	130,691	212,536	731,682	984,722	-25.7
Cost (cents/million Btu) ¹¹						
Coal.....	121.6	121.4	124.8	121.9	123.7	-1.4
Petroleum ¹²	370.4	368.6	391.2	341.5	425.0	-19.6
Gas ¹³	357.9	378.3	425.1	349.7	589.1	-40.6

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

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

³ Includes petroleum coke.

⁴ Represents total pumped storage facility production minus energy used for pumping. Pumping energy used at pumped storage plants for July 2002 was 2,994 million kilowatthours.

⁵ The July 2002 petroleum coke consumption was 145,315 short tons for electric utilities and 305,212 short tons for nonutilities.

⁶ The July 2002 petroleum coke stocks were 171,330 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 June 2002 petroleum coke receipts were 153,440 short tons.

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

¹² The June 2002 petroleum coke cost was 54.02 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 July 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
Total	869,004	33,237	133,960	298,141	148,622	105	1,017	1,484,085
Year to Date								
2002	869,004	33,237	133,960	298,141	148,622	105	1,017	1,484,085
2001	915,207	52,882	150,803	314,546	115,584	83	1,210	1,550,315
2000	979,698	34,181	168,890	426,859	162,202	91	1,262	1,773,182

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 July 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
Total	1,329,968	869,004	33,237	133,960	298,141	-4,374
Year to Date						
2002	1,329,968	869,004	33,237	133,960	298,141	-4,374
2001	1,429,220	915,207	52,882	150,803	314,546	-4,219
2000	1,606,698	979,698	34,181	168,890	426,859	-2,930

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 July 2002 was 2,994 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 July 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
Total	154,117,055	152,995,804	104,616	913,560	100,977	2,098	NA
Year to Date							
2002	154,117,055	152,995,804	104,616	913,560	100,977	2,098	NA
2001	121,095,292	119,802,230	83,174	1,129,296	78,624	1,968	NA
2000	166,483,901	165,131,661	90,540	1,243,502	16,704	1,494	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	July 2002	June 2002	July 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR.....	46,501	41,661	43,446	281,652	281,869	-0.1
ERCOT.....	10,838	9,766	23,803	60,848	128,038	-52.5
FRCC.....	15,328	14,650	15,730	93,181	94,787	-1.7
MAAC.....	282	221	389	1,454	2,632	-44.8
MAIN.....	10,949	9,897	11,950	67,408	71,974	-6.3
MAPP (U.S.).....	18,272	15,101	16,091	104,535	98,056	6.6
NPCC (U.S.).....	6,379	5,706	7,329	36,084	49,594	-27.2
SERC.....	62,257	57,086	59,637	374,038	369,634	1.2
SPP.....	32,558	28,948	35,277	182,179	185,643	-1.9
WSCC (U.S.).....	44,316	43,011	39,281	275,667	261,267	5.5
Contiguous U.S.....	247,679	226,045	252,935	1,477,046	1,543,493	-4.3
Alaska.....	459	467	406	3,273	3,124	4.8
Hawaii.....	557	544	560	3,766	3,698	1.8
Noncontiguous U.S.....	1,017	1,011	966	7,039	6,822	3.2
U.S. Total.....	248,695	227,056	253,900	1,484,085	1,550,315	-4.3

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

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

Table 7. Electric Utility Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	July 2002	June 2002	July 2001	Year to Date		
				2002	2001	Difference (percent)
New England	1,877	1,738	1,832	11,244	13,417	-16.2
Connecticut	16	15	21	101	2,766	-96.3
Maine	*	*	*	3	3	8.5
Massachusetts	155	116	140	812	937	-13.3
New Hampshire	1,296	1,189	1,249	7,617	7,042	8.2
Rhode Island	1	1	1	5	7	-30.8
Vermont	407	417	420	2,705	2,661	1.7
Mid Atlantic	7,595	6,893	8,295	43,197	53,591	-19.4
New Jersey	239	120	190	787	1,032	-23.7
New York	4,502	3,968	5,497	24,840	36,180	-31.3
Pennsylvania	2,854	2,806	2,608	17,570	16,379	7.3
East North Central	40,875	36,201	39,899	245,594	254,201	-3.4
Illinois	1,704	1,564	3,157	13,491	17,687	-23.7
Indiana	10,684	9,316	10,795	63,619	66,378	-4.2
Michigan	9,858	8,603	9,028	56,245	58,949	-4.6
Ohio	13,053	11,902	11,645	81,034	78,744	2.9
Wisconsin	5,578	4,816	5,274	31,205	32,443	-3.8
West North Central	28,737	24,757	26,687	163,912	157,651	4.0
Iowa	3,857	3,405	3,803	23,185	22,532	2.9
Kansas	4,690	4,091	4,441	26,223	26,024	0.8
Minnesota	5,535	3,957	4,196	28,527	25,333	12.6
Missouri	7,906	7,321	7,894	45,578	44,606	2.2
Nebraska	3,133	2,691	2,964	18,075	17,773	1.7
North Dakota	2,779	2,467	2,675	17,717	17,422	1.7
South Dakota	837	826	713	4,606	3,962	16.3
South Atlantic	59,887	55,196	57,394	358,657	352,662	1.7
Delaware	32	2	157	105	1,154	-90.9
District of Columbia	-	-	-	-	-	-
Florida	16,284	15,522	16,551	97,633	99,328	-1.7
Georgia	10,926	10,207	11,052	66,116	66,719	-0.9
Maryland	4	3	11	18	51	-64.0
North Carolina	11,484	10,262	10,379	65,197	64,459	1.1
South Carolina	9,067	8,281	8,346	54,970	50,751	8.3
Virginia	6,230	5,558	5,815	37,237	37,653	-1.1
West Virginia	5,858	5,361	5,082	37,382	32,546	14.9
East South Central	32,348	29,757	32,975	198,757	199,041	-0.1
Alabama	11,657	10,731	11,486	69,456	67,543	2.8
Kentucky	7,564	6,949	8,067	48,275	49,125	-1.7
Mississippi	4,746	4,165	5,296	26,775	26,974	-0.7
Tennessee	8,380	7,911	8,126	54,250	55,400	-2.1
West South Central	30,699	27,533	44,926	172,402	242,853	-29.0
Arkansas	4,073	3,789	4,336	24,782	25,122	-1.4
Louisiana	5,196	4,752	5,454	29,100	29,431	-1.1
Oklahoma	5,493	4,719	5,752	29,398	29,128	0.9
Texas	15,938	14,274	29,384	89,122	159,171	-44.0
Mountain	25,829	23,808	26,068	158,086	165,122	-4.3
Arizona	7,641	7,166	8,018	47,841	51,918	-7.9
Colorado	3,861	3,618	3,948	24,064	24,711	-2.6
Idaho	1,012	886	842	5,323	4,196	26.9
Montana	962	1,033	366	4,265	2,692	58.4
Nevada	2,456	2,298	2,416	14,388	16,578	-13.2
New Mexico	2,888	2,881	3,201	17,743	19,194	-7.6
Utah	3,218	2,885	3,232	20,505	19,778	3.7
Wyoming	3,790	3,041	4,049	23,956	26,086	-8.2
Pacific Contiguous	19,831	20,163	14,622	125,197	104,071	20.3
California	7,418	6,223	7,134	43,909	40,605	8.1
Oregon	3,132	3,670	2,773	24,923	23,471	6.2
Washington	9,281	10,270	4,715	56,365	39,994	40.9
Pacific Noncontiguous	1,017	1,011	966	7,039	6,822	3.2
Alaska	459	467	406	3,273	3,124	4.8
Hawaii	557	544	560	3,766	3,698	1.8
U.S. Total	248,695	227,056	253,900	1,484,085	1,550,315	-4.3

* = 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	July 2002	June 2002	July 2001	Year to Date				
				Coal Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	NM	NM	409	2,763	2,653	4.1	24.6	19.8
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	NM	NM	99	620	661	-6.2	76.3	70.5
New Hampshire	344	333	310	2,143	1,992	7.6	28.1	28.3
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Mid Atlantic	1,968	1,735	1,710	10,744	9,799	9.6	24.9	18.3
New Jersey	186	96	156	690	914	-24.5	87.7	88.6
New York	162	136	187	849	1,149	-26.1	3.4	3.2
Pennsylvania	1,620	1,504	1,367	9,205	7,736	19.0	52.4	47.2
East North Central	34,441	30,977	34,292	207,306	215,489	-3.8	84.4	84.8
Illinois	1,652	1,548	3,015	13,148	17,374	-24.3	97.5	98.2
Indiana	10,380	9,034	10,642	62,138	65,507	-5.1	97.7	98.7
Michigan	6,515	5,844	6,271	37,002	39,217	-5.6	65.8	66.5
Ohio	11,892	11,212	10,494	73,260	70,030	4.6	90.4	88.9
Wisconsin	4,002	3,337	3,870	21,757	23,360	-6.9	69.7	72.0
West North Central	21,801	18,706	19,709	126,176	123,076	2.5	77.0	78.1
Iowa	3,249	2,867	3,237	19,592	19,717	-0.6	84.5	87.5
Kansas	3,294	2,994	2,926	20,106	18,407	9.2	76.7	70.7
Minnesota	3,957	2,599	2,804	19,318	17,223	12.2	67.7	68.0
Missouri	6,397	5,964	6,032	36,606	37,358	-2.0	80.3	83.8
Nebraska	1,994	1,692	1,857	11,592	11,653	-0.5	64.1	65.6
North Dakota	2,597	2,291	2,551	16,850	16,562	1.7	95.1	95.1
South Dakota	314	300	303	2,113	2,155	-2.0	45.9	54.4
South Atlantic	31,958	29,046	31,395	191,213	195,501	-2.2	53.3	55.4
Delaware	-	-	NM	-	1,033	-	-	89.5
District of Columbia	-	-	-	-	-	-	-	-
Florida	4,863	4,607	5,819	29,760	37,594	-20.8	30.5	37.8
Georgia	7,474	7,006	7,683	45,634	44,612	2.3	69.0	66.9
Maryland	-	-	-	-	-	-	-	-
North Carolina	7,281	6,293	6,523	40,031	40,326	-0.7	61.4	62.6
South Carolina	3,661	3,294	3,559	21,442	22,168	-3.3	39.0	43.7
Virginia	2,864	2,516	2,635	17,270	17,554	-1.6	46.4	46.6
West Virginia	5,816	5,330	5,040	37,076	32,214	15.1	99.2	99.0
East South Central	21,762	20,173	21,655	127,806	134,870	-5.2	64.3	67.8
Alabama	7,341	6,617	7,118	38,769	41,232	-6.0	55.8	61.0
Kentucky	7,154	6,649	7,379	44,975	46,796	-3.9	93.2	95.3
Mississippi	1,715	1,719	1,659	8,748	11,533	-24.1	32.7	42.8
Tennessee	5,552	5,188	5,499	35,314	35,309	*	65.1	63.7
West South Central	14,713	13,579	19,533	90,406	115,853	-22.0	52.4	47.7
Arkansas	1,932	1,804	2,442	12,544	13,588	-7.7	50.6	54.1
Louisiana	1,113	907	1,206	6,103	5,661	7.8	21.0	19.2
Oklahoma	3,232	2,857	2,892	18,944	18,470	2.6	64.4	63.4
Texas	8,436	8,012	12,993	52,815	78,134	-32.4	59.3	49.1
Mountain	17,336	15,800	18,019	110,692	114,621	-3.4	70.0	69.4
Arizona	3,336	3,088	3,538	21,750	23,166	-6.1	45.5	44.6
Colorado	3,191	3,015	3,208	20,301	20,926	-3.0	84.4	84.7
Idaho	-	-	-	-	-	-	-	-
Montana	25	25	26	156	183	-14.7	3.7	6.8
Nevada	1,567	1,454	1,568	9,554	9,849	-3.0	66.4	59.4
New Mexico	2,466	2,535	2,725	15,894	16,725	-5.0	89.6	87.1
Utah	3,084	2,763	3,068	19,623	18,452	6.3	95.7	93.3
Wyoming	3,666	2,921	3,887	23,414	25,320	-7.5	97.7	97.1
Pacific Contiguous	127	-	410	1,783	2,475	-28.0	1.4	2.4
California	-	-	-	-	-	-	-	-
Oregon	127	-	410	1,783	2,475	-28.0	7.2	10.5
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	17	13	18	116	114	2.0	1.7	1.7
Alaska	17	13	18	116	114	2.0	3.6	3.7
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	144,573	130,456	147,348	869,004	915,207	-5.0	58.6	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	July 2002	June 2002	July 2001	Year to Date				
				Petroleum Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	80	NM	81	247	391	-36.7	2.2	2.9
Connecticut	NM	NM	NM	5	7	-26.0	4.9	0.2
Maine	-	-	-	-	-	-	-	-
Massachusetts	NM	NM	NM	22	108	-80.0	2.7	11.6
New Hampshire	69	35	64	211	243	-13.2	2.8	3.5
Rhode Island	NM	NM	NM	5	7	-30.8	100.0	100.0
Vermont	NM	NM	NM	4	25	-82.8	0.2	0.9
Mid Atlantic	911	768	736	4,361	6,815	-36.0	10.1	12.7
New Jersey	52	31	NM	129	150	-13.8	16.4	14.5
New York	857	728	699	4,207	6,652	-36.8	16.9	18.4
Pennsylvania	NM	NM	NM	26	14	90.0	0.1	0.1
East North Central	275	212	250	1,282	1,081	18.6	0.5	0.4
Illinois	NM	NM	NM	29	70	-58.4	0.2	0.4
Indiana	45	58	40	334	185	81.0	0.5	0.3
Michigan	168	NM	148	595	457	30.2	1.1	0.8
Ohio	32	NM	36	222	264	-15.9	0.3	0.3
Wisconsin	NM	NM	15	102	106	-3.3	0.3	0.3
West North Central	164	NM	193	1,062	1,348	-21.3	0.6	0.9
Iowa	NM	NM	22	28	63	-55.2	0.1	0.3
Kansas	13	NM	33	316	496	-36.4	1.2	1.9
Minnesota	66	NM	46	338	333	1.4	1.2	1.3
Missouri	71	NM	85	346	368	-6.0	0.8	0.8
Nebraska	NM	NM	NM	11	18	-39.0	0.1	0.1
North Dakota	3	4	4	20	21	-5.7	0.1	0.1
South Dakota	1	*	NM	2	48	-94.8	0.1	1.2
South Atlantic	3,485	3,147	4,469	21,412	28,652	-25.3	6.0	8.1
Delaware	25	NM	NM	95	116	-18.1	90.9	10.0
District of Columbia	-	-	-	-	-	-	-	-
Florida	2,737	2,600	3,916	18,291	24,407	-25.1	18.7	24.6
Georgia	20	7	4	147	215	-31.8	0.2	0.3
Maryland	NM	NM	NM	17	51	-67.1	91.1	99.6
North Carolina	24	35	23	283	329	-13.9	0.4	0.5
South Carolina	25	32	14	127	145	-12.2	0.2	0.3
Virginia	627	452	460	2,306	3,233	-28.7	6.2	8.6
West Virginia	23	18	NM	146	155	-5.8	0.4	0.5
East South Central	39	37	717	333	4,889	-93.2	0.2	2.5
Alabama	7	8	6	92	214	-57.0	0.1	0.3
Kentucky	11	8	10	77	68	13.5	0.2	0.1
Mississippi	NM	NM	687	17	4,308	-99.6	0.1	16.0
Tennessee	19	19	14	148	300	-50.6	0.3	0.5
West South Central	NM	NM	61	115	3,700	-96.9	0.1	1.5
Arkansas	4	3	49	74	386	-80.9	0.3	1.5
Louisiana	NM	2	NM	23	1,483	-98.5	0.1	5.0
Oklahoma	NM	NM	NM	5	141	-96.5	*	0.5
Texas	NM	NM	NM	14	1,690	-99.2	*	1.1
Mountain	NM	NM	105	134	1,160	-88.4	0.1	0.7
Arizona	3	4	5	33	294	-88.6	0.1	0.6
Colorado	3	3	NM	17	139	-87.6	0.1	0.6
Idaho	*	-	-	*	4	-	*	0.1
Montana	NM	NM	NM	*	1	-	*	*
Nevada	2	2	84	16	654	-97.6	0.1	3.9
New Mexico	4	1	2	15	17	-12.4	0.1	0.1
Utah	NM	NM	NM	27	34	-21.4	0.1	0.2
Wyoming	2	7	2	26	18	46.8	0.1	0.1
Pacific Contiguous	6	3	35	35	560	-93.7	*	0.5
California	4	3	34	28	297	-90.7	0.1	0.7
Oregon	2	-	*	6	86	-93.5	*	0.4
Washington	*	*	1	2	176	-98.9	*	0.4
Pacific Noncontiguous	615	629	593	4,254	4,256	*	60.4	62.4
Alaska	NM	NM	35	495	568	-12.7	15.1	18.2
Hawaii	556	543	559	3,759	3,688	1.9	99.8	99.7
U.S. Total	5,599	4,929	7,225	33,237	52,882	-37.1	2.2	3.4

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

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	July 2002	June 2002	July 2001	Year to Date				
				Gas Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	NM	NM	NM	121	81	50.7	1.1	0.6
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	NM	NM	NM	95	71	34.4	11.7	7.6
New Hampshire	7	11	*	24	*	NM	0.3	*
Rhode Island	-	-	-	-	-	-	-	-
Vermont	*	*	*	2	10	-79.5	0.1	0.4
Mid Atlantic	1,461	1,041	NM	5,776	3,757	53.7	13.4	7.0
New Jersey	16	7	14	48	54	-11.4	6.0	5.2
New York	1,445	1,034	NM	5,728	3,702	54.7	23.1	10.2
Pennsylvania	NM	NM	NM	1	1	1.5	*	*
East North Central	1,046	608	NM	3,584	2,305	55.5	1.5	0.9
Illinois	NM	NM	NM	273	202	35.0	2.0	1.1
Indiana	209	173	NM	907	346	162.1	1.4	0.5
Michigan	419	193	NM	1,336	1,023	30.6	2.4	1.7
Ohio	174	133	NM	469	230	104.1	0.6	0.3
Wisconsin	210	102	NM	599	504	18.8	1.9	1.6
West North Central	1,450	665	NM	4,175	3,902	7.0	2.5	2.5
Iowa	NM	NM	NM	272	256	6.4	1.2	1.1
Kansas	510	246	608	1,118	1,133	-1.4	4.3	4.4
Minnesota	211	NM	NM	352	211	66.8	1.2	0.8
Missouri	506	237	765	2,131	1,854	14.9	4.7	4.2
Nebraska	105	NM	95	234	213	9.6	1.3	1.2
North Dakota	*	*	-	*	*	NM	*	*
South Dakota	35	13	51	69	235	-70.8	1.5	5.9
South Atlantic	7,532	6,709	4,776	35,234	19,927	76.8	9.8	5.7
Delaware	7	2	2	10	5	92.2	9.1	0.4
District of Columbia	-	-	-	-	-	-	-	-
Florida	5,699	5,478	3,959	29,583	18,168	62.8	30.3	18.3
Georgia	323	178	258	841	624	34.9	1.3	0.9
Maryland	NM	NM	NM	2	*	NM	8.9	0.4
North Carolina	488	297	235	1,055	444	137.9	1.6	0.7
South Carolina	605	462	25	2,442	61	3,924.4	4.4	0.1
Virginia	409	293	295	1,300	624	108.4	3.5	1.7
West Virginia	*	*	NM	2	2	-0.2	*	*
East South Central	3,462	2,774	3,125	19,183	9,460	102.8	9.7	4.8
Alabama	1,170	996	1,030	6,980	3,836	81.9	10.0	5.7
Kentucky	187	107	66	434	153	183.5	0.9	0.3
Mississippi	2,100	1,671	2,028	11,756	5,465	115.1	43.9	20.3
Tennessee	5	-	1	14	5	159.9	*	*
West South Central	10,575	8,671	18,598	46,323	78,381	-40.9	26.9	32.3
Arkansas	365	268	325	1,047	1,120	-6.5	4.2	4.5
Louisiana	2,597	2,341	2,709	13,270	12,035	10.3	45.6	40.9
Oklahoma	2,081	1,526	2,729	8,909	8,722	2.1	30.3	29.9
Texas	5,530	4,536	12,835	23,096	56,505	-59.1	25.9	35.5
Mountain	2,438	2,078	2,574	11,464	16,718	-31.4	7.3	10.1
Arizona	736	638	971	2,842	6,377	-55.4	5.9	12.3
Colorado	545	461	503	3,004	2,698	11.4	12.5	10.9
Idaho	19	6	-	31	-	NM	0.6	-
Montana	2	2	4	4	6	-31.7	0.1	0.2
Nevada	659	588	526	3,389	4,306	-21.3	23.6	26.0
New Mexico	389	313	446	1,653	2,284	-27.6	9.3	11.9
Utah	NM	NM	101	439	871	-49.6	2.1	4.4
Wyoming	14	13	23	101	176	-42.3	0.4	0.7
Pacific Contiguous	1,181	638	1,982	6,386	13,912	-54.1	5.1	13.4
California	1,030	606	995	4,812	7,495	-35.8	11.0	18.5
Oregon	79	*	478	946	3,173	-70.2	3.8	13.5
Washington	72	32	510	627	3,245	-80.7	1.1	8.1
Pacific Noncontiguous	232	214	229	1,713	1,725	-0.7	24.3	25.3
Alaska	232	214	229	1,713	1,725	-0.7	52.3	55.2
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	29,415	23,419	35,093	133,960	150,803	-11.2	9.0	9.7

* = 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	July 2002	June 2002	July 2001	Year to Date				
				Hydroelectric Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	NM	NM	53	541	492	9.9	4.8	3.7
Connecticut	NM	NM	3	18	17	8.4	18.1	0.6
Maine	NM	NM	*	3	3	8.5	100.0	100.0
Massachusetts	NM	NM	10	75	97	-22.5	9.3	10.4
New Hampshire	16	34	14	192	171	12.1	2.5	2.4
Rhode Island	-	-	-	-	-	-	-	-
Vermont	NM	NM	26	252	204	23.6	9.3	7.7
Mid Atlantic	1,676	1,801	1,358	12,520	10,910	14.8	29.0	20.4
New Jersey	-14	-14	-15	-80	-85	-6.4	-10.2	-8.3
New York	1,679	1,715	1,352	12,018	10,391	15.7	48.4	28.7
Pennsylvania	NM	101	21	582	604	-3.6	3.3	3.7
East North Central	NM	399	219	2,344	2,087	12.3	1.0	0.8
Illinois	NM	NM	5	40	33	21.4	0.3	0.2
Indiana	50	51	55	239	340	-29.7	0.4	0.5
Michigan	NM	NM	-23	410	197	108.3	0.7	0.3
Ohio	49	53	50	301	311	-3.3	0.4	0.4
Wisconsin	NM	223	133	1,354	1,205	12.3	4.3	3.7
West North Central	1,053	1,211	869	5,933	4,541	30.6	3.6	2.9
Iowa	91	74	83	505	465	8.6	2.2	2.1
Kansas	-	-	-	-	-	-	-	-
Minnesota	73	45	35	397	397	0.1	1.4	1.6
Missouri	NM	297	165	1,138	717	58.7	2.5	1.6
Nebraska	134	111	107	627	601	4.3	3.5	3.4
North Dakota	179	172	120	847	838	1.0	4.8	4.8
South Dakota	488	513	359	2,419	1,524	58.8	52.5	38.5
South Atlantic	-9	-9	144	1,687	2,497	-32.4	0.5	0.7
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	10	9	15	104	91	15.0	0.1	0.1
Georgia	101	93	93	1,090	1,391	-21.6	1.6	2.1
Maryland	-	-	-	-	-	-	-	-
North Carolina	181	143	150	1,101	991	11.1	1.7	1.5
South Carolina	-67	-55	-31	57	105	-45.3	0.1	0.2
Virginia	-251	-210	-100	-811	-233	248.4	-2.2	-0.6
West Virginia	17	11	16	145	152	-4.8	0.4	0.5
East South Central	1,008	793	1,528	10,910	10,027	8.8	5.5	5.0
Alabama	356	305	502	4,563	5,238	-12.9	6.6	7.8
Kentucky	212	185	611	2,790	2,109	32.3	5.8	4.3
Mississippi	-	-	-	-	-	-	-	-
Tennessee	441	302	415	3,557	2,681	32.7	6.6	4.8
West South Central	749	789	468	4,611	4,408	4.6	2.7	1.8
Arkansas	405	380	251	2,433	1,770	37.5	9.8	7.0
Louisiana	-	-	-	-	-	-	-	-
Oklahoma	179	336	130	1,541	1,796	-14.2	5.2	6.2
Texas	165	NM	87	637	842	-24.3	0.7	0.5
Mountain	3,226	3,168	2,648	17,372	15,323	13.4	11.0	9.3
Arizona	772	715	799	4,943	4,864	1.6	10.3	9.4
Colorado	119	135	226	706	926	-23.8	2.9	3.7
Idaho	993	881	842	5,292	4,193	26.2	99.4	99.9
Montana	936	1,006	337	4,105	2,502	64.1	96.2	92.9
Nevada	228	254	238	1,429	1,768	-19.2	9.9	10.7
New Mexico	NM	NM	28	182	169	7.3	1.0	0.9
Utah	NM	NM	42	312	337	-7.6	1.5	1.7
Wyoming	107	100	136	404	563	-28.2	1.7	2.2
Pacific Contiguous	14,635	16,738	8,253	91,750	65,152	40.8	73.3	62.6
California	3,199	3,383	2,791	18,939	15,222	24.4	43.1	37.5
Oregon	2,924	3,670	1,885	22,188	17,737	25.1	89.0	75.6
Washington	8,511	9,686	3,577	50,623	32,193	57.2	89.8	80.5
Pacific Noncontiguous	NM	NM	125	955	726	31.6	13.6	10.6
Alaska	NM	NM	124	948	717	32.3	29.0	22.9
Hawaii	2	1	1	7	9	-28.5	0.2	0.2
U.S. Total	22,845	25,129	15,594	148,622	115,584	28.6	10.0	7.5

* = 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. • Pumping energy used at pumped storage plants for #1 #2 was 2,750 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	July 2002	June 2002	July 2001	Year to Date				
				Nuclear Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	1,222	1,148	1,241	7,414	9,579	-22.6	65.9	71.4
Connecticut	-	-	-	-	2,630	-	-	95.1
Maine	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-
New Hampshire	861	776	862	5,046	4,636	8.9	66.3	65.8
Rhode Island	-	-	-	-	-	-	-	-
Vermont	361	373	379	2,367	2,314	2.3	87.5	87.0
Mid Atlantic	1,580	1,547	3,330	9,796	22,310	-56.1	22.7	41.6
New Jersey	-	-	-	-	-	-	-	-
New York	359	355	2,113	2,039	14,286	-85.7	8.2	39.5
Pennsylvania	1,221	1,192	1,218	7,757	8,024	-3.3	44.1	49.0
East North Central	4,788	3,976	4,292	30,891	33,029	-6.5	12.6	13.0
Illinois	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-
Michigan	2,746	2,387	2,222	16,885	18,047	-6.4	30.0	30.6
Ohio	906	478	973	6,782	7,909	-14.2	8.4	10.0
Wisconsin	1,136	1,111	1,097	7,224	7,073	2.1	23.1	21.8
West North Central	4,218	4,071	4,177	26,284	24,509	7.2	16.0	15.5
Iowa	420	413	371	2,761	2,002	38.0	11.9	8.9
Kansas	873	850	874	4,684	5,986	-21.8	17.9	23.0
Minnesota	1,189	1,159	1,188	7,896	6,952	13.6	27.7	27.4
Missouri	839	816	841	5,333	4,284	24.5	11.7	9.6
Nebraska	898	834	903	5,610	5,286	6.1	31.0	29.7
North Dakota	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	16,905	16,290	16,598	109,016	105,988	2.9	30.4	30.1
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	2,962	2,818	2,832	19,823	18,994	4.4	20.3	19.1
Georgia	3,009	2,923	3,014	18,404	19,876	-7.4	27.8	29.8
Maryland	-	-	-	-	-	-	-	-
North Carolina	3,510	3,494	3,449	22,726	22,370	1.6	34.9	34.7
South Carolina	4,843	4,547	4,779	30,892	28,273	9.3	56.2	55.7
Virginia	2,581	2,507	2,525	17,171	16,475	4.2	46.1	43.8
West Virginia	-	-	-	-	-	-	-	-
East South Central	6,077	5,980	5,950	40,525	39,795	1.8	20.4	20.0
Alabama	2,783	2,805	2,830	19,052	17,022	11.9	27.4	25.2
Kentucky	-	-	-	-	-	-	-	-
Mississippi	930	774	922	6,255	5,668	10.3	23.4	21.0
Tennessee	2,365	2,401	2,198	15,218	17,105	-11.0	28.1	30.9
West South Central	4,656	4,489	6,265	30,946	40,511	-23.6	18.0	16.7
Arkansas	1,367	1,334	1,268	8,683	8,258	5.1	35.0	32.9
Louisiana	1,485	1,503	1,536	9,704	10,252	-5.3	33.3	34.8
Oklahoma	-	-	-	-	-	-	-	-
Texas	1,805	1,652	3,460	12,559	22,000	-42.9	14.1	13.8
Mountain	2,792	2,718	2,701	18,254	17,202	6.1	11.5	10.4
Arizona	2,792	2,718	2,701	18,254	17,202	6.1	38.2	33.1
Colorado	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-
Pacific Contiguous	3,863	2,769	3,890	25,015	21,622	15.7	20.0	20.8
California	3,168	2,217	3,295	20,011	17,460	14.6	45.6	43.0
Oregon	-	-	-	-	-	-	-	-
Washington	695	552	596	5,003	4,162	20.2	8.9	10.4
Pacific Noncontiguous	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	46,101	42,988	48,444	298,141	314,546	-5.2	20.1	20.3

Notes: • Values for 2002 are estimated based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 2001 have been adjusted to reflect the Form EIA-906 census data and are preliminary. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

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

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

Census Division and State	July 2002	June 2002	July 2001	Year to Date				
				Other Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	NM	NM	28	158	222	-28.8	1.4	1.7
Connecticut	NM	NM	16	78	113	-31.0	77.0	4.1
Maine	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-
Vermont	15	7	12	80	109	-26.4	3.0	4.1
Mid Atlantic	-	-	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-	-	-
New York	-	-	-	-	-	-	-	-
Pennsylvania	-	-	-	-	-	-	-	-
East North Central	28	29	30	186	211	-11.8	0.1	0.1
Illinois	-	-	-	-	8	-	-	*
Indiana	-	-	-	-	-	-	-	-
Michigan	3	3	1	17	9	86.8	*	*
Ohio	-	-	-	-	-	-	-	-
Wisconsin	25	26	28	169	194	-12.7	0.5	0.6
West North Central	50	39	43	283	274	3.2	0.2	0.2
Iowa	5	4	3	26	29	-9.7	0.1	0.1
Kansas	-	-	-	-	-	-	-	-
Minnesota	39	34	35	227	218	4.2	0.8	0.9
Missouri	5	1	5	25	26	-2.0	0.1	0.1
Nebraska	*	*	*	2	2	9.9	*	*
North Dakota	-	-	-	-	-	-	-	-
South Dakota	*	*	*	3	1	548.9	0.1	*
South Atlantic	16	13	12	95	98	-2.3	*	*
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	13	10	10	72	74	-2.5	0.1	0.1
Georgia	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-
South Carolina	1	1	-	10	-	-	*	-
Virginia	-	-	-	-	-	-	-	-
West Virginia	2	2	2	13	23	-43.2	*	0.1
East South Central	-	-	-	-	-	-	-	-
Alabama	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-
West South Central	-	-	-	-	-	-	-	-
Arkansas	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-
Mountain	20	21	5	170	14	1,104.9	0.1	*
Arizona	2	2	5	20	14	38.8	*	*
Colorado	3	4	3	35	23	55.4	0.1	0.1
Idaho	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-
Utah	-	-	-	105	-	-	0.5	-
Wyoming	1	1	1	11	9	16.3	*	*
Pacific Contiguous	20	15	52	228	349	-34.7	0.2	0.3
California	17	14	20	118	131	-9.8	0.3	0.3
Oregon	-	-	-	-	-	-	-	-
Washington	3	*	32	109	218	-49.8	0.2	0.5
Pacific Noncontiguous	NM	NM	*	1	2	-33.7	*	*
Alaska	NM	NM	*	*	1	-	*	*
Hawaii	*	*	*	1	1	-17.0	*	*
U.S. Total	162	135	180	1,121	1,210	-7.3	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 July 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
Total	-	415,079	25,512	440,591	8,116	41,757	49,873	1,089	1,317,798
Year to Date									
2002	-	415,079	25,512	440,591	8,116	41,757	49,873	1,089	1,317,798
2001	-	429,267	41,221	470,488	16,067	70,790	86,856	669	1,540,612
2000	NA	451,100	42,960	494,061	10,112	46,464	56,576	709	1,768,563

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	July 2002	June 2002	July 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR.....	18,318	16,740	17,561	110,634	111,543	-0.8
ERCOT.....	3,627	3,464	7,211	22,903	43,387	-47.2
FRCC.....	1,833	1,751	2,142	11,493	13,667	-15.9
MAAC.....	87	46	NM	327	854	-61.7
MAIN.....	4,953	4,397	5,510	30,357	33,709	-9.9
MAPP (U.S.).....	8,556	7,365	8,351	52,402	51,832	1.1
NPCC (U.S.).....	250	232	247	1,485	1,563	-5.0
SERC.....	16,391	14,893	15,878	94,196	95,870	-1.7
SPP.....	10,411	9,544	10,429	61,265	60,511	1.2
WSCC (U.S.).....	8,571	7,880	9,008	55,415	57,448	-3.5
Contiguous U.S.....	72,999	66,312	76,470	440,477	470,384	-6.4
Alaska.....	17	13	17	113	104	8.8
Hawaii.....	-	-	-	-	-	-
Noncontiguous U.S.....	17	13	17	113	104	8.8
U.S. Total.....	73,016	66,324	76,487	440,591	470,488	-6.4

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 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	July 2002	June 2002	July 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR.....	514	342	418	2,243	2,043	9.8
ERCOT.....	3	2	18	22	3,020	-99.3
FRCC.....	3,979	3,445	5,863	26,284	37,912	-30.7
MAAC.....	123	62	95	406	675	-39.9
MAIN.....	32	26	47	300	402	-25.4
MAPP (U.S.).....	54	40	93	333	608	-45.1
NPCC (U.S.).....	1,679	1,306	1,342	7,723	12,101	-36.2
SERC.....	1,129	857	796	5,070	7,612	-33.4
SPP.....	64	31	1,272	911	11,896	-92.3
WSCC (U.S.).....	41	43	308	306	3,829	-92.0
Contiguous U.S.....	7,618	6,154	10,252	42,509	79,430	-46.5
Alaska.....	NM	NM	67	891	1,030	-13.4
Hawaii.....	955	937	961	6,472	6,397	1.2
Noncontiguous U.S.....	1,069	1,092	1,028	7,364	7,427	-0.9
U.S. Total.....	8,688	7,247	11,279	49,873	86,856	-42.6

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	July 2002	June 2002	July 2001	Year to Date		
				2002	2001	Difference (percent)
ECAR.....	12,509	7,503	8,104	38,142	24,646	54.8
ERCOT.....	35,441	29,249	108,031	141,332	452,756	-68.8
FRCC.....	46,219	43,244	36,197	246,096	159,857	53.9
MAAC.....	317	117	289	776	886	-12.4
MAIN.....	3,271	1,541	2,972	11,713	8,953	30.8
MAPP (U.S.).....	7,956	4,832	4,372	24,260	10,608	128.7
NPCC (U.S.).....	15,640	10,988	12,215	61,424	39,670	54.8
SERC.....	29,296	20,919	17,172	123,638	67,642	82.8
SPP.....	104,469	80,767	118,098	475,555	434,284	9.5
WSCC (U.S.).....	36,531	26,845	46,867	176,874	322,710	-45.2
Contiguous U.S.....	291,650	226,005	354,317	1,299,811	1,522,011	-14.6
Alaska.....	2,841	2,508	2,483	17,986	18,600	-3.3
Hawaii.....	-	-	-	-	-	-
Noncontiguous U.S.....	2,841	2,508	2,483	17,986	18,600	-3.3
U.S. Total.....	294,491	228,513	356,801	1,317,798	1,540,612	-14.5

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

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

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

Table 18. Electric Utility Consumption of Coal by Census Division and State
(Thousand Short Tons)

Census Division and State	July 2002	June 2002	July 2001	Year to Date		
				2002	2001	Difference (percent)
New England	NM	NM	168	1,127	1,093	3.1
Connecticut	-	-	-	-	-	-
Maine	-	-	-	-	-	-
Massachusetts	NM	NM	40	252	267	-5.7
New Hampshire	140	137	128	875	825	6.0
Rhode Island	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Mid Atlantic	813	731	683	4,454	4,133	7.8
New Jersey	87	46	77	327	430	-23.9
New York	68	57	80	358	469	-23.6
Pennsylvania	657	628	527	3,768	3,234	16.5
East North Central	16,800	15,148	17,090	100,873	105,782	-4.6
Illinois	909	858	1,689	7,412	9,616	-22.9
Indiana	5,140	4,484	5,311	30,333	32,133	-5.6
Michigan	3,246	2,974	3,141	18,786	19,533	-3.8
Ohio	5,095	4,786	4,606	31,214	30,562	2.1
Wisconsin	2,410	2,046	2,344	13,127	13,938	-5.8
West North Central	13,410	11,986	12,680	80,671	79,170	1.9
Iowa	2,079	1,847	2,062	12,551	12,459	0.7
Kansas	2,100	1,938	1,833	12,865	11,681	10.1
Minnesota	1,783	1,561	1,685	10,807	10,230	5.6
Missouri	3,796	3,477	3,532	21,681	21,931	-1.1
Nebraska	1,211	1,039	1,163	7,101	7,283	-2.5
North Dakota	2,244	1,944	2,216	14,361	14,268	0.7
South Dakota	196	181	188	1,305	1,319	-1.1
South Atlantic	13,173	12,027	13,008	78,286	79,586	-1.6
Delaware	-	-	NM	-	449	-
District of Columbia	-	-	-	-	-	-
Florida	2,150	2,019	2,495	12,960	15,597	-16.9
Georgia	3,176	2,961	3,231	19,238	18,669	3.0
Maryland	-	-	-	-	-	-
North Carolina	2,856	2,492	2,619	15,652	15,896	-1.5
South Carolina	1,446	1,296	1,420	8,416	8,741	-3.7
Virginia	1,176	1,022	1,081	6,978	7,019	-0.6
West Virginia	2,370	2,236	2,103	15,042	13,215	13.8
East South Central	9,863	9,128	9,799	57,499	60,586	-5.1
Alabama	3,427	3,091	3,340	17,984	19,535	-7.9
Kentucky	3,370	3,069	3,408	20,714	21,257	-2.6
Mississippi	749	752	729	3,885	5,082	-23.6
Tennessee	2,318	2,216	2,321	14,916	14,711	1.4
West South Central	9,422	8,694	13,174	57,576	77,637	-25.8
Arkansas	1,206	1,101	1,502	7,691	8,266	-7.0
Louisiana	778	643	842	4,212	4,008	5.1
Oklahoma	1,967	1,749	1,743	11,501	11,158	3.1
Texas	5,471	5,201	9,088	34,171	54,205	-37.0
Mountain	9,256	8,422	9,563	58,955	60,675	-2.8
Arizona	1,716	1,596	1,803	11,008	11,755	-6.4
Colorado	1,739	1,627	1,750	11,032	11,426	-3.4
Idaho	-	-	-	-	-	-
Montana	25	24	26	155	185	-16.6
Nevada	723	670	726	4,550	4,550	*
New Mexico	1,389	1,439	1,536	8,948	9,342	-4.2
Utah	1,387	1,236	1,327	8,698	8,089	7.5
Wyoming	2,278	1,829	2,395	14,564	15,327	-5.0
Pacific Contiguous	78	-	233	1,038	1,409	-26.4
California	-	-	-	-	-	-
Oregon	78	-	233	1,038	1,409	-26.4
Washington	-	-	-	-	-	-
Pacific Noncontiguous	17	13	17	113	104	8.8
Alaska	17	13	17	113	104	8.8
Hawaii	-	-	-	-	-	-
U.S. Total	73,016	66,324	76,487	440,591	470,488	-6.4

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

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

Notes: • Values for 2002 are 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	July 2002	June 2002	July 2001	Year to Date		
				2002	2001	Difference (percent)
New England	154	83	161	495	782	-36.7
Connecticut	NM	NM	NM	12	18	-34.9
Maine	-	-	-	-	-	-
Massachusetts	NM	NM	NM	43	212	-79.9
New Hampshire	131	75	121	418	472	-11.4
Rhode Island	NM	NM	NM	8	13	-37.8
Vermont	NM	NM	NM	15	67	-77.9
Mid Atlantic	1,606	1,294	1,244	7,495	11,649	-35.7
New Jersey	78	56	NM	223	298	-25.1
New York	1,525	1,223	1,178	7,227	11,327	-36.2
Pennsylvania	NM	NM	NM	44	24	83.9
East North Central	492	317	423	1,938	1,982	-2.2
Illinois	NM	NM	NM	47	139	-66.4
Indiana	NM	NM	NM	278	260	7.0
Michigan	395	226	289	1,284	940	36.6
Ohio	54	40	66	362	543	-33.4
Wisconsin	NM	NM	NM	104	149	-30.0
West North Central	104	54	192	906	1,650	-45.1
Iowa	NM	NM	47	66	147	-54.9
Kansas	25	NM	63	567	914	-38.0
Minnesota	NM	NM	NM	160	283	-43.4
Missouri	NM	NM	73	251	336	-25.4
Nebraska	NM	NM	NM	26	44	-39.3
North Dakota	6	8	7	37	40	-7.6
South Dakota	3	1	NM	8	98	-91.7
South Atlantic	5,145	4,284	6,706	30,554	44,380	-31.2
Delaware	39	NM	NM	155	199	-22.0
District of Columbia	-	-	-	-	-	-
Florida	4,061	3,589	5,952	26,292	37,930	-30.7
Georgia	45	13	8	310	444	-30.2
Maryland	NM	NM	NM	28	99	-71.6
North Carolina	50	69	47	576	688	-16.3
South Carolina	44	50	32	234	327	-28.2
Virginia	947	672	668	3,494	4,859	-28.1
West Virginia	33	26	NM	206	241	-14.6
East South Central	60	62	1,132	570	8,375	-93.2
Alabama	11	12	11	156	457	-65.9
Kentucky	19	14	18	136	127	7.2
Mississippi	NM	NM	NM	35	7,030	-99.5
Tennessee	27	34	21	243	760	-68.0
West South Central	14	13	111	230	6,765	-96.6
Arkansas	9	5	87	146	695	-79.0
Louisiana	1	3	NM	45	2,545	-98.2
Oklahoma	NM	NM	NM	10	247	-95.9
Texas	NM	NM	NM	29	3,278	-99.1
Mountain	31	42	245	252	2,653	-90.5
Arizona	6	9	10	60	626	-90.4
Colorado	7	6	NM	40	293	-86.4
Idaho	*	-	-	*	7	-
Montana	NM	NM	NM	1	2	-59.7
Nevada	3	4	201	28	1,593	-98.2
New Mexico	6	2	4	25	35	-26.9
Utah	NM	NM	NM	48	64	-25.6
Wyoming	3	14	3	50	33	49.8
Pacific Contiguous	12	6	66	70	1,131	-93.8
California	8	6	64	53	606	-91.3
Oregon	4	-	*	13	170	-92.3
Washington	*	*	1	4	355	-99.0
Pacific Noncontiguous	1,069	1,092	1,028	7,364	7,427	-0.9
Alaska	NM	NM	67	891	1,030	-13.4
Hawaii	955	937	961	6,472	6,397	1.2
U.S. Total	8,688	7,247	11,279	49,873	86,856	-42.6

* = 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	July 2002	June 2002	July 2001	Year to Date		
				2002	2001	Difference (percent)
New England	426	218	199	1,292	788	64.1
Connecticut	-	-	-	-	-	-
Maine	-	-	-	-	-	-
Massachusetts	NM	NM	NM	1,004	684	46.7
New Hampshire	79	108	*	268	1	31,801.7
Rhode Island	-	-	-	-	-	-
Vermont	4	3	3	20	102	-80.1
Mid Atlantic	15,413	10,864	12,185	60,737	39,533	53.6
New Jersey	198	93	166	599	643	-6.9
New York	15,214	10,770	NM	60,132	38,884	54.6
Pennsylvania	NM	NM	NM	6	6	-0.6
East North Central	13,536	7,733	10,258	43,498	31,733	37.1
Illinois	NM	NM	NM	2,517	2,099	19.9
Indiana	2,249	1,507	NM	8,100	3,525	129.8
Michigan	5,754	3,043	NM	18,546	15,598	18.9
Ohio	2,237	1,702	NM	6,229	3,510	77.4
Wisconsin	2,833	1,375	NM	8,106	7,001	15.8
West North Central	15,457	7,452	17,481	43,078	41,641	3.4
Iowa	1,235	742	NM	4,211	3,258	29.3
Kansas	5,680	2,916	7,095	13,159	13,585	-3.1
Minnesota	2,161	NM	NM	3,951	2,948	34.0
Missouri	4,617	2,200	6,087	17,923	15,707	14.1
Nebraska	1,284	NM	1,186	2,827	2,670	5.9
North Dakota	*	-	-	1	2	-57.5
South Dakota	480	182	716	1,006	3,473	-71.0
South Atlantic	64,908	55,954	44,474	304,961	177,677	71.6
Delaware	111	21	38	160	86	85.6
District of Columbia	-	-	-	-	-	-
Florida	48,094	45,268	36,198	254,664	160,072	59.1
Georgia	3,618	1,810	2,733	9,264	6,425	44.2
Maryland	NM	NM	NM	12	2	450.8
North Carolina	4,577	2,886	2,622	10,330	4,834	113.7
South Carolina	4,904	3,560	356	19,284	819	2,255.0
Virginia	3,595	2,403	2,520	11,230	5,419	107.2
West Virginia	2	3	NM	19	19	1.1
East South Central	32,054	25,227	26,553	169,862	90,032	88.7
Alabama	9,147	7,762	7,962	54,623	32,141	70.0
Kentucky	2,285	1,260	841	5,320	2,009	164.8
Mississippi	20,553	16,205	17,728	109,708	55,835	96.5
Tennessee	69	-	22	211	47	349.0
West South Central	112,235	91,971	195,049	498,928	817,271	-39.0
Arkansas	4,181	3,086	3,786	12,050	12,692	-5.1
Louisiana	28,973	25,714	30,095	147,818	129,840	13.8
Oklahoma	21,075	15,455	27,036	90,827	89,394	1.6
Texas	58,006	47,716	134,132	248,233	585,345	-57.6
Mountain	25,321	19,980	27,528	113,799	181,007	-37.1
Arizona	7,776	6,415	10,766	30,129	72,681	-58.5
Colorado	4,978	3,988	4,716	25,477	26,854	-5.1
Idaho	226	70	-	368	-	-
Montana	28	32	61	69	94	-26.9
Nevada	6,443	5,683	5,610	33,252	44,549	-25.4
New Mexico	4,735	2,959	4,903	18,061	24,511	-26.3
Utah	NM	NM	1,244	5,439	10,561	-48.5
Wyoming	139	132	228	1,006	1,756	-42.7
Pacific Contiguous	12,299	6,609	19,821	63,656	138,874	-54.2
California	10,883	6,281	10,222	49,306	75,496	-34.7
Oregon	754	*	4,228	8,654	27,339	-68.3
Washington	662	327	5,371	5,696	36,039	-84.2
Pacific Noncontiguous	2,841	2,508	2,483	17,986	18,600	-3.3
Alaska	2,841	2,508	2,483	17,986	18,600	-3.3
Hawaii	-	-	-	-	-	-
U.S. Total	294,491	228,513	356,801	1,317,798	1,540,612	-14.5

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

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

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

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

Fossil-Fuel Stocks at U.S. Electric Utilities

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

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	July 2002	June 2002	July 2001	Monthly Difference (percent)	Yearly Difference (percent)
ECAR.....	29,510	31,832	24,410	-7.3	20.9
ERCOT.....	5,083	5,445	7,493	-6.7	-32.2
FRCC.....	4,015	4,488	3,630	-10.5	10.6
MAAC.....	130	222	181	-41.5	-28.1
MAIN.....	10,482	10,335	9,528	1.4	10.0
MAPP (U.S.).....	12,049	12,320	9,608	-2.2	25.4
NPCC (U.S.).....	474	529	503	-10.5	-5.8
SERC.....	22,464	25,287	18,631	-11.2	20.6
SPP.....	19,535	20,576	16,763	-5.1	16.5
WSCC (U.S.).....	12,211	12,556	11,916	-2.7	2.5
Contiguous U.S.....	115,953	123,590	102,664	-6.2	12.9
Alaska.....	-	-	-	-	-
Hawaii.....	-	-	-	-	-
Noncontiguous U.S.....	-	-	-	-	-
U.S. Total.....	115,953	123,590	102,664	-6.2	12.9

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	July 2002	June 2002	July 2001	Monthly Difference (percent)	Yearly Difference (percent)
ECAR.....	2,172	2,384	2,462	-8.9	-11.8
ERCOT.....	1,227	1,143	3,444	7.4	-64.4
FRCC.....	8,363	9,381	9,866	-10.9	-15.2
MAAC.....	199	207	200	-3.9	-0.5
MAIN.....	320	328	446	-2.5	-28.2
MAPP (U.S.).....	824	902	877	-8.7	-6.0
NPCC (U.S.).....	3,046	3,611	4,051	-15.6	-24.8
SERC.....	4,652	4,802	5,642	-3.1	-17.6
SPP.....	3,881	3,877	5,234	0.1	-25.8
WSCC (U.S.).....	2,372	2,424	2,410	-2.1	-1.6
Contiguous U.S.....	27,056	29,059	34,632	-6.9	-21.9
Alaska.....	215	226	228	-4.9	-5.5
Hawaii.....	872	862	1,238	1.1	-29.6
Noncontiguous U.S.....	1,087	1,089	1,465	-0.2	-25.8
U.S. Total.....	28,143	30,147	36,097	-6.6	-22.0

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. • 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	July 2002	June 2002	July 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	375	389	418	-3.5	-10.2
Mid Atlantic.....	1,177	1,515	1,156	-22.3	1.8
East North Central.....	30,711	32,082	26,527	-4.3	15.8
West North Central.....	22,256	22,830	17,301	-2.5	28.6
South Atlantic.....	22,149	25,219	18,440	-12.2	20.1
East South Central.....	11,850	12,585	10,562	-5.8	12.2
West South Central.....	14,801	15,839	16,116	-6.6	-8.2
Mountain.....	12,259	12,680	12,185	-3.3	0.6
Pacific Contiguous.....	374	452	340	-17.3	9.8
Pacific Noncontiguous.....	-	-	-	-	-
U.S. Total.....	115,953	123,590	102,664	-6.2	12.9

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	July 2002	June 2002	July 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	572	636	1,157	-10.1	-50.5
Mid Atlantic.....	2,648	3,125	3,524	-15.2	-24.8
East North Central.....	2,191	2,451	2,579	-10.6	-15.0
West North Central.....	2,127	2,199	2,029	-3.3	4.8
South Atlantic.....	12,323	13,365	14,683	-7.8	-16.1
East South Central.....	1,568	1,685	2,235	-6.9	-29.8
West South Central.....	3,283	3,204	6,491	2.5	-49.4
Mountain.....	1,196	1,232	1,233	-2.9	-3.0
Pacific Contiguous.....	1,147	1,163	1,146	-1.3	0.1
Pacific Noncontiguous.....	1,087	1,089	1,465	-0.2	-25.8
U.S. Total.....	28,143	30,147	36,097	-6.6	-22.0

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 June 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
Total	328,825	121.9	27,211	330.7	29,265	341.5	731,682	349.7	149.7
Year to Date									
2002 ⁴	328,825	121.9	27,211	330.7	29,265	341.5	731,682	349.7	149.7
2001 ⁴	381,538	123.7	63,934	401.5	70,977	425.0	984,722	589.1	190.1
2000	403,656	120.9	32,982	403.6	35,611	417.9	1,251,216	339.6	156.4

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

² The weighted 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	June 2002 ¹	May 2002 ¹	June 2001 ¹	Year to Date		
				2002 ¹	2001 ¹	Difference (percent)
ECAR.....	9,508	9,195	14,328	71,234	89,263	-20.2
ERCOT.....	1,836	1,930	6,215	10,208	35,682	-71.4
FRCC.....	867	1,434	1,642	8,570	10,930	-21.6
MAAC.....	42	22	1	211	219	-3.4
MAIN.....	4,703	4,139	4,471	26,988	28,386	-4.9
MAPP (U.S.).....	6,795	6,748	6,548	39,947	38,906	2.7
NPCC (U.S.).....	168	200	192	986	1,319	-25.2
SERC.....	13,450	12,830	13,773	77,312	77,804	-0.6
SPP.....	7,691	7,951	7,144	47,583	47,007	1.2
WSCC (U.S.).....	6,904	7,125	9,353	45,785	52,021	-12.0
Contiguous U.S.....	51,965	51,574	63,667	328,825	381,538	-13.8
Alaska.....	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-
Noncontiguous U.S.....	-	-	-	-	-	-
U.S. Total.....	51,965	51,574	63,667	328,825	381,538	-13.8

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	June 2002 ¹	May 2002 ¹	June 2001 ¹	Year to Date		
				2002 ¹	2001 ¹	Difference (percent)
ECAR.....	122.3	124.1	124.3	122.2	122.5	-0.2
ERCOT.....	114.1	114.8	129.5	117.4	131.0	-10.4
FRCC.....	157.0	170.4	173.2	170.4	169.1	0.8
MAAC.....	254.4	263.4	186.0	237.0	156.9	51.1
MAIN.....	107.3	106.0	109.5	105.9	106.7	-0.7
MAPP (U.S.).....	86.6	86.8	83.5	86.6	82.4	5.2
NPCC (U.S.).....	174.0	166.2	152.6	175.0	150.7	16.1
SERC.....	148.2	148.1	147.2	150.4	148.6	1.2
SPP.....	101.0	99.2	118.5	100.4	109.1	-7.9
WSCC (U.S.).....	109.8	104.5	107.8	104.6	110.1	-5.1
Contiguous U.S.....	121.6	121.4	124.8	121.9	123.7	-1.4
Alaska.....	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-
Noncontiguous U.S.....	-	-	-	-	-	-
U.S. Average.....	121.6	121.4	124.8	121.9	123.7	-1.4

¹ Data for 2002 and 2001 are preliminary.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Includes lignite, bituminous coal, subbituminous coal, and anthracite. • 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	June 2002 ¹	May 2002 ¹	June 2001 ¹	Year to Date		
				2002 ¹	2001 ¹	Difference (percent)
ECAR.....	124	126	304	1,028	2,041	-49.7
ERCOT.....	-	-	3	-	1,879	NM
FRCC.....	4,467	4,694	6,325	19,621	32,006	-38.7
MAAC.....	106	8	19	338	787	-57.0
MAIN.....	10	18	17	120	237	-49.4
MAPP (U.S.).....	22	15	18	94	115	-17.9
NPCC (U.S.).....	1,328	1,200	1,411	5,207	11,258	-53.7
SERC.....	414	516	503	2,182	5,020	-56.5
SPP.....	71	96	1,337	512	9,339	-94.5
WSCC (U.S.).....	17	22	110	164	1,181	-86.1
Contiguous U.S.....	6,561	6,696	10,048	29,265	63,862	-54.2
Alaska.....	-	-	-	-	-	-
Hawaii.....	-	-	1,192	-	7,115	NM
Noncontiguous U.S.....	-	-	1,192	-	7,115	-100.0
U.S. Total.....	6,561	6,696	11,240	29,265	70,977	-58.8

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	June 2002 ¹	May 2002 ¹	June 2001 ¹	Year to Date		
				2002 ¹	2001 ¹	Difference (percent)
ECAR.....	452.9	448.6	529.7	341.0	523.4	-34.8
ERCOT.....	-	-	853.2	-	679.4	NM
FRCC.....	363.5	365.0	367.8	339.4	388.9	-12.7
MAAC.....	586.4	437.5	406.6	406.8	388.6	4.7
MAIN.....	523.7	550.0	680.2	446.4	586.0	-23.8
MAPP (U.S.).....	505.3	547.2	613.9	503.7	671.0	-24.9
NPCC (U.S.).....	351.3	360.1	352.7	325.1	376.1	-13.6
SERC.....	413.7	386.8	398.9	375.7	434.6	-13.5
SPP.....	363.7	348.4	357.2	305.6	453.4	-32.6
WSCC (U.S.).....	562.2	583.4	630.8	523.6	709.4	-26.2
Contiguous U.S.....	370.4	368.6	374.3	341.5	418.6	-18.4
Alaska.....	-	-	-	-	-	-
Hawaii.....	-	-	533.7	-	482.7	NM
Noncontiguous U.S.....	-	-	533.7	-	482.7	NM
U.S. Average.....	370.4	368.6	391.2	341.5	425.0	-19.6

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	June 2002 ¹	May 2002 ¹	June 2001 ¹	Year to Date		
				2002 ¹	2001 ¹	Difference (percent)
ECAR.....	2,826	1,598	2,532	11,593	8,402	38.0
ERCOT.....	4,909	4,698	75,736	17,078	328,971	-94.8
FRCC.....	35,546	29,240	21,933	161,456	95,783	68.6
MAAC.....	10	6	22	48	164	-70.5
MAIN.....	1,274	332	634	4,767	2,129	123.9
MAPP (U.S.).....	950	486	580	2,922	2,603	12.3
NPCC (U.S.).....	7,760	5,083	9,304	34,813	26,802	29.9
SERC.....	13,792	11,578	4,850	67,367	23,732	183.9
SPP.....	73,973	58,138	61,494	316,745	293,961	7.8
WSCC (U.S.).....	23,149	18,303	34,854	107,482	196,467	-45.3
Contiguous U.S.....	164,190	129,461	211,939	724,271	979,014	-26.0
Alaska.....	1,151	1,230	596	7,410	5,708	29.8
Hawaii.....	-	-	-	-	-	-
Noncontiguous U.S.....	1,151	1,230	596	7,410	5,708	29.8
U.S. Total.....	165,341	130,691	212,536	731,682	984,722	-25.7

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	June 2002 ¹	May 2002 ¹	June 2001 ¹	Year to Date		
				2002 ¹	2001 ¹	Difference (percent)
ECAR.....	347.2	383.1	478.6	344.0	528.8	-35.0
ERCOT.....	330.7	364.5	392.5	314.2	538.1	-41.6
FRCC.....	396.5	410.2	461.2	376.5	617.8	-39.1
MAAC.....	331.9	399.0	461.5	351.8	792.8	-55.6
MAIN.....	354.4	440.6	484.4	348.2	585.2	-40.5
MAPP (U.S.).....	367.9	410.7	457.7	360.4	609.2	-40.8
NPCC (U.S.).....	379.8	388.3	433.1	347.9	615.2	-43.5
SERC.....	346.1	393.8	429.4	327.1	576.5	-43.3
SPP.....	344.2	364.2	393.1	323.5	567.1	-43.0
WSCC (U.S.).....	353.4	369.0	525.1	414.0	704.0	-41.2
Contiguous U.S.....	358.6	379.5	425.6	350.5	591.1	-40.7
Alaska.....	250.0	248.8	245.8	263.4	230.7	14.2
Hawaii.....	-	-	-	-	-	-
Noncontiguous U.S.....	250.0	248.8	245.8	263.4	230.7	14.2
U.S. Average.....	357.9	378.3	425.1	349.7	589.1	-40.6

¹ Data for 2002 and 2001 are preliminary.

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

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

Table 33. Electric Utility Receipts of Coal by Type, Census Division, and State, June 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	-	-	123	3,324	-	-	-	-	123	3,324
Connecticut	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	123	3,324	-	-	-	-	123	3,324
Rhode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	-	-	150	3,859	-	-	-	-	150	3,859
New Jersey	-	-	42	1,103	-	-	-	-	42	1,103
New York	-	-	45	1,172	-	-	-	-	45	1,172
Pennsylvania	-	-	62	1,585	-	-	-	-	62	1,585
East North Central	-	-	4,649	109,942	4,995	88,692	-	-	9,644	198,633
Illinois	-	-	587	12,630	705	12,409	-	-	1,293	25,039
Indiana	-	-	1,242	28,488	542	9,574	-	-	1,784	38,062
Michigan	-	-	759	18,994	2,028	36,844	-	-	2,786	55,838
Ohio	-	-	1,849	44,694	-	-	-	-	1,849	44,694
Wisconsin	-	-	212	5,135	1,720	29,865	-	-	1,932	35,000
West North Central	-	-	282	6,515	9,190	159,399	1,777	23,102	11,248	189,016
Iowa	-	-	62	1,377	1,918	32,896	-	-	1,980	34,272
Kansas	-	-	43	895	1,568	26,807	-	-	1,611	27,703
Minnesota	-	-	-	-	1,491	26,475	-	-	1,491	26,475
Missouri	-	-	177	4,243	2,902	50,716	-	-	3,079	54,959
Nebraska	-	-	-	-	1,069	18,453	-	-	1,069	18,453
North Dakota	-	-	-	-	92	1,468	1,777	23,102	1,868	24,570
South Dakota	-	-	-	-	151	2,584	-	-	151	2,584
South Atlantic	-	-	8,917	222,125	572	10,036	-	-	9,489	232,161
Delaware	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	-	-	1,059	25,991	31	535	-	-	1,090	26,526
Georgia	-	-	1,994	49,565	466	8,175	-	-	2,460	57,739
Maryland	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	1,827	45,346	-	-	-	-	1,827	45,346
South Carolina	-	-	1,289	32,781	-	-	-	-	1,289	32,781
Virginia	-	-	1,123	28,643	-	-	-	-	1,123	28,643
West Virginia	-	-	1,627	39,801	75	1,326	-	-	1,701	41,126
East South Central	-	-	6,486	153,970	1,606	28,187	-	-	8,091	182,158
Alabama	-	-	1,684	40,292	932	16,355	-	-	2,617	56,647
Kentucky	-	-	2,390	55,244	126	2,205	-	-	2,516	57,449
Mississippi	-	-	476	11,266	-	-	-	-	476	11,266
Tennessee	-	-	1,935	47,169	547	9,627	-	-	2,483	56,796
West South Central	-	-	-	-	5,434	94,217	881	11,905	6,316	106,122
Arkansas	-	-	-	-	1,019	17,843	-	-	1,019	17,843
Louisiana	-	-	-	-	352	6,144	338	4,563	690	10,707
Oklahoma	-	-	-	-	1,507	26,212	-	-	1,507	26,212
Texas	-	-	-	-	2,556	44,017	543	7,343	3,099	51,360
Mountain	-	-	2,667	59,183	4,212	76,077	24	330	6,904	135,591
Arizona	-	-	724	15,857	657	12,444	-	-	1,381	28,301
Colorado	-	-	413	9,150	1,041	19,105	-	-	1,455	28,255
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	242	4,132	24	330	266	4,462
Nevada	-	-	597	13,306	-	-	-	-	597	13,306
New Mexico	-	-	-	-	595	11,458	-	-	595	11,458
Utah	-	-	933	20,870	-	-	-	-	933	20,870
Wyoming	-	-	-	-	1,678	28,938	-	-	1,678	28,938
Pacific Contiguous	-	-	-	-	-	-	-	-	-	-
California	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-
U.S. Total	-	-	23,274	558,919	26,009	456,608	2,682	35,338	51,965	1,050,864

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	June 2002 Receipts		June 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	123	3,324	137	3,588	18,414	24,131	181.5	158.2
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-
New Hampshire	123	3,324	137	3,588	18,414	24,131	181.5	158.2
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	150	3,859	126	3,238	25,160	23,805	156.6	130.5
New Jersey	42	1,103	1	22	5,507	280	237.0	186.9
New York	45	1,172	56	1,442	7,521	10,264	158.9	133.1
Pennsylvania	62	1,585	69	1,775	12,132	13,261	118.8	127.2
East North Central	9,644	198,633	13,503	283,262	1,431,894	1,755,990	120.0	121.9
Illinois	1,293	25,039	1,319	25,109	152,539	154,893	118.7	119.0
Indiana	1,784	38,062	4,147	86,067	443,280	582,864	115.7	111.8
Michigan	2,786	55,838	3,057	63,196	287,614	311,486	134.0	127.5
Ohio	1,849	44,694	3,300	77,740	355,967	506,007	120.2	138.8
Wisconsin	1,932	35,000	1,680	31,149	192,494	200,740	109.8	102.5
West North Central	11,248	189,016	11,184	188,413	1,126,153	1,137,874	88.3	88.5
Iowa	1,980	34,272	1,708	29,828	180,012	170,680	85.9	79.2
Kansas	1,611	27,703	1,947	33,732	174,613	180,254	99.3	100.0
Minnesota	1,491	26,475	1,475	26,218	162,335	157,243	105.3	103.3
Missouri	3,079	54,959	2,991	53,928	329,689	348,463	89.0	95.0
Nebraska	1,069	18,453	992	16,990	103,484	106,391	57.7	57.2
North Dakota	1,868	24,570	1,890	24,661	158,606	155,328	75.2	75.4
South Dakota	151	2,584	181	3,057	17,414	19,515	130.7	103.5
South Atlantic	9,489	232,161	11,286	273,876	1,500,330	1,731,593	158.8	154.2
Delaware	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-
Florida	1,090	26,526	1,892	45,940	241,069	311,677	169.2	167.5
Georgia	2,460	57,739	2,852	66,860	369,013	436,830	167.8	167.0
Maryland	-	-	-	-	-	-	-	-
North Carolina	1,827	45,346	2,227	54,938	281,275	326,236	172.4	155.8
South Carolina	1,289	32,781	1,281	31,580	184,346	190,002	158.2	148.5
Virginia	1,123	28,643	1,181	29,887	143,253	157,784	162.0	154.3
West Virginia	1,701	41,126	1,853	44,670	281,374	309,064	123.2	124.2
East South Central	8,091	182,158	8,183	185,555	1,052,433	987,919	128.7	124.9
Alabama	2,617	56,647	2,370	51,078	282,035	301,804	148.3	141.1
Kentucky	2,516	57,449	2,985	67,970	376,074	390,337	116.5	108.6
Mississippi	476	11,266	463	10,829	58,245	76,668	163.3	165.4
Tennessee	2,483	56,796	2,366	55,678	336,080	219,110	120.1	117.3
West South Central	6,316	106,122	9,896	154,439	633,033	986,177	108.3	125.7
Arkansas	1,019	17,843	671	11,337	112,872	123,933	69.9	116.1
Louisiana	690	10,707	629	9,904	60,045	63,280	130.8	127.9
Oklahoma	1,507	26,212	1,141	19,764	170,657	141,383	93.5	91.4
Texas	3,099	51,360	7,455	113,434	289,459	657,580	127.5	134.6
Mountain	6,904	135,591	9,147	181,722	877,707	1,005,409	103.9	110.2
Arizona	1,381	28,301	1,985	40,473	155,875	203,367	127.9	126.7
Colorado	1,455	28,255	1,600	31,096	186,084	171,019	95.2	91.9
Idaho	-	-	-	-	-	-	-	-
Montana	266	4,462	27	351	50,266	2,074	60.2	96.4
Nevada	597	13,306	689	15,331	62,391	88,635	132.5	131.3
New Mexico	595	11,458	1,415	26,198	69,035	135,381	166.3	143.6
Utah	933	20,870	1,308	30,438	160,178	175,351	97.0	113.4
Wyoming	1,678	28,938	2,122	37,835	193,878	229,582	78.6	79.2
Pacific Contiguous	-	-	206	3,397	19,115	21,378	134.5	106.6
California	-	-	-	-	-	-	-	-
Oregon	-	-	206	3,397	19,115	21,378	134.5	106.6
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	51,965	1,050,864	63,667	1,277,491	6,684,239	7,674,276	121.9	123.7

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, June 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	28	190.3	49.92	96	174.3	47.48	-	-	-	123	177.8	48.02
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	28	190.3	49.92	96	174.3	47.48	-	-	-	123	177.8	48.02
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	88	143.5	36.88	62	210.9	54.36	18	186.8	45.95	132	169.2	43.80
New Jersey	11	308.8	76.49	32	237.4	62.66	-	-	-	42	254.4	66.12
New York	18	131.3	35.04	27	185.7	47.14	18	189.4	47.01	27	147.4	39.23
Pennsylvania	60	118.9	30.40	3	126.6	28.14	1	55.9	9.50	62	119.6	30.48
East North Central	8,154	119.0	24.40	1,490	122.9	25.88	7,617	114.7	22.57	2,027	134.6	32.39
Illinois	873	124.4	24.85	420	113.6	20.57	747	104.9	18.75	545	139.7	29.91
Indiana	1,704	111.1	23.84	79	126.4	23.78	1,448	105.2	21.66	336	135.4	33.23
Michigan	2,420	130.1	26.11	367	121.4	24.06	2,418	122.8	23.63	368	159.6	40.38
Ohio	1,279	118.1	28.65	569	124.4	29.87	1,238	124.2	29.33	610	112.2	28.42
Wisconsin	1,878	109.3	19.60	55	166.2	40.42	1,765	106.9	18.73	167	146.5	35.65
West North Central	10,004	85.8	14.29	1,245	101.0	18.14	11,077	86.6	14.46	172	133.0	31.53
Iowa	1,956	85.4	14.71	24	142.4	33.93	1,955	85.5	14.75	25	142.4	30.01
Kansas	1,466	99.5	17.10	145	76.6	13.22	1,611	97.4	16.75	-	-	-
Minnesota	1,067	100.9	17.87	424	112.7	20.11	1,491	104.3	18.51	-	-	-
Missouri	2,531	86.0	15.29	547	102.0	18.51	2,932	85.9	15.07	147	131.6	31.79
Nebraska	965	58.1	10.05	104	66.8	11.41	1,069	59.0	10.18	-	-	-
North Dakota	1,868	74.4	9.78	0	70.2	9.99	1,868	74.4	9.78	-	-	-
South Dakota	151	130.8	22.38	-	-	-	151	130.8	22.38	-	-	-
South Atlantic	7,070	157.8	39.20	2,419	157.8	36.91	4,306	160.2	38.06	5,183	156.0	39.07
Delaware	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	729	158.8	38.73	361	157.0	38.09	392	157.5	38.02	697	158.6	38.79
Georgia	1,648	170.2	42.50	812	167.0	34.09	1,614	167.5	38.00	846	172.2	43.00
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	1,586	170.4	42.22	241	197.3	49.69	1,053	172.5	42.62	773	176.1	43.99
South Carolina	890	159.4	40.69	398	151.5	38.24	139	157.9	40.13	1,149	156.9	39.91
Virginia	856	160.7	40.87	266	159.5	41.08	301	170.0	43.57	822	156.8	39.95
West Virginia	1,362	123.8	29.90	340	117.5	28.49	806	126.7	29.83	895	119.0	29.43
East South Central	7,707	126.2	28.31	385	137.9	33.46	4,095	125.6	26.65	3,996	127.9	30.50
Alabama	2,604	137.5	29.75	13	127.2	30.62	1,545	128.6	25.77	1,072	148.1	35.49
Kentucky	2,240	118.4	26.87	276	129.6	31.07	1,433	123.2	27.91	1,083	115.2	26.57
Mississippi	381	159.0	37.04	96	162.4	40.72	230	157.7	37.23	246	161.6	38.30
Tennessee	2,483	117.0	26.76	-	-	-	887	115.4	23.43	1,596	117.7	28.61
West South Central	5,193	117.5	19.55	1,122	73.9	13.00	6,316	109.4	18.38	-	-	-
Arkansas	156	187.6	31.82	864	53.6	9.43	1,019	73.4	12.85	-	-	-
Louisiana	690	130.9	20.31	-	-	-	690	130.9	20.31	-	-	-
Oklahoma	1,507	95.1	16.54	-	-	-	1,507	95.1	16.54	-	-	-
Texas	2,841	123.0	20.28	259	142.1	24.90	3,099	124.7	20.67	-	-	-
Mountain	6,597	110.0	21.61	307	105.4	20.44	5,570	109.9	20.79	1,334	109.6	24.77
Arizona	1,293	131.9	27.10	88	151.6	30.01	1,359	131.5	26.90	22	220.5	51.63
Colorado	1,330	95.3	18.33	124	108.0	23.07	1,250	95.0	17.87	204	103.9	24.04
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	266	79.4	13.31	-	-	-	266	79.4	13.31	-	-	-
Nevada	597	125.3	27.95	-	-	-	422	121.2	26.57	175	134.8	31.28
New Mexico	595	166.7	32.11	-	-	-	595	166.7	32.11	-	-	-
Utah	933	103.2	23.09	-	-	-	-	-	-	933	103.2	23.09
Wyoming	1,583	81.4	14.08	95	49.7	8.16	1,678	79.7	13.74	-	-	-
Pacific Contiguous	-	-	-	-	-	-	-	-	-	-	-	-
California	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	44,841	120.5	24.22	7,124	128.5	26.95	38,999	113.8	21.48	12,966	139.8	33.95

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, June 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	-	-	-	81	177.5	49.12	15	154.5	38.47
Connecticut	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	81	177.5	49.12	15	154.5	38.47
Rhode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	-	-	-	18	274.7	68.30	1	141.1	30.67
New Jersey	-	-	-	18	274.7	68.30	-	-	-
New York	-	-	-	-	-	-	1	188.0	48.24
Pennsylvania	-	-	-	-	-	-	1	55.9	9.50
East North Central	5,080	110.0	19.65	2,006	136.9	32.84	805	137.2	32.24
Illinois	788	112.3	20.57	276	127.5	26.29	28	173.8	38.37
Indiana	542	116.0	20.51	92	164.3	45.40	239	110.8	24.27
Michigan	2,028	111.6	20.28	515	164.5	40.75	193	161.7	41.37
Ohio	-	-	-	1,066	121.0	29.16	210	133.7	31.34
Wisconsin	1,722	104.9	18.22	56	167.9	41.72	135	140.8	33.47
West North Central	8,456	87.2	15.16	2,598	83.4	12.02	46	130.4	31.18
Iowa	1,943	85.2	14.66	14	106.5	22.30	-	-	-
Kansas	1,568	96.9	16.57	14	90.7	17.71	-	-	-
Minnesota	815	107.5	19.34	676	100.2	17.52	-	-	-
Missouri	2,820	85.5	15.05	118	92.6	15.56	46	130.4	31.18
Nebraska	1,069	59.0	10.18	-	-	-	-	-	-
North Dakota	91	86.3	13.85	1,777	73.6	9.57	-	-	-
South Dakota	151	130.8	22.38	-	-	-	-	-	-
South Atlantic	572	160.0	28.09	5,162	161.2	40.11	2,523	159.9	40.19
Delaware	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-
Florida	31	139.6	24.37	269	161.8	40.12	478	152.0	37.40
Georgia	466	166.1	29.12	1,512	170.2	42.33	419	167.7	41.62
Maryland	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	1,386	172.8	42.72	441	177.7	44.70
South Carolina	-	-	-	410	164.7	41.94	827	151.3	38.45
Virginia	-	-	-	612	163.5	42.00	350	159.9	40.85
West Virginia	75	130.9	23.18	973	127.0	30.98	7	134.7	32.80
East South Central	1,724	118.0	21.14	2,713	142.2	34.41	1,146	137.1	33.02
Alabama	932	117.2	20.56	791	152.3	36.39	625	144.4	34.72
Kentucky	126	136.2	23.81	710	139.5	33.79	197	123.8	29.45
Mississippi	118	170.5	38.85	283	156.1	36.99	76	157.0	39.08
Tennessee	547	100.7	17.71	929	131.9	32.42	247	122.9	29.70
West South Central	5,434	106.6	18.49	527	141.5	19.30	354	115.8	15.41
Arkansas	1,019	73.4	12.85	-	-	-	-	-	-
Louisiana	352	125.8	21.98	338	137.6	18.56	-	-	-
Oklahoma	1,507	95.1	16.54	-	-	-	-	-	-
Texas	2,556	124.3	21.40	189	148.2	20.63	354	115.8	15.41
Mountain	3,340	97.9	18.66	3,422	121.0	24.17	119	105.5	26.98
Arizona	221	163.6	33.45	1,160	127.3	26.11	-	-	-
Colorado	1,392	94.3	18.17	41	150.9	33.56	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Montana	24	119.1	16.10	242	76.3	13.03	-	-	-
Nevada	422	121.2	26.57	126	134.7	30.08	49	135.0	34.35
New Mexico	-	-	-	595	166.7	32.11	-	-	-
Utah	247	133.9	27.61	615	94.4	21.42	70	85.2	21.85
Wyoming	1,034	63.6	10.85	644	104.8	18.38	-	-	-
Pacific Contiguous	-	-	-	-	-	-	-	-	-
California	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-
U.S. Total	24,606	101.5	18.02	16,527	138.5	29.99	5,008	147.6	35.11

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, June 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	28	190.3	49.92	-	-	-	-	-	-	177.8	48.02
Connecticut	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	28	190.3	49.92	-	-	-	-	-	-	177.8	48.02
Rhode Island	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	25	168.4	41.19	106	155.6	40.81	-	-	-	171.3	44.06
New Jersey	-	-	-	25	240.8	64.53	-	-	-	254.4	66.12
New York	16	195.3	48.46	28	145.4	38.61	-	-	-	163.3	42.32
Pennsylvania	9	114.3	27.18	53	120.3	31.01	-	-	-	119.2	30.31
East North Central	115	114.0	29.80	714	114.8	26.73	925	110.1	25.30	119.6	24.63
Illinois	-	-	-	42	127.9	28.97	158	136.6	28.84	121.1	23.46
Indiana	7	142.2	35.50	468	109.3	25.02	436	96.4	21.70	111.7	23.84
Michigan	-	-	-	40	140.7	37.13	11	175.3	40.19	128.9	25.84
Ohio	88	102.0	26.79	164	119.6	28.51	320	114.0	27.95	120.1	29.03
Wisconsin	19	159.5	41.51	-	-	-	-	-	-	111.5	20.19
West North Central	26	142.1	34.44	93	140.6	32.92	29	121.2	25.84	87.6	14.72
Iowa	-	-	-	24	142.4	33.93	-	-	-	86.3	14.94
Kansas	-	-	-	-	-	-	29	121.2	25.84	97.4	16.75
Minnesota	-	-	-	-	-	-	-	-	-	104.3	18.51
Missouri	26	142.1	34.44	69	139.9	32.58	-	-	-	88.9	15.86
Nebraska	-	-	-	-	-	-	-	-	-	59.0	10.18
North Dakota	-	-	-	-	-	-	-	-	-	74.4	9.78
South Dakota	-	-	-	-	-	-	-	-	-	130.8	22.38
South Atlantic	755	133.4	33.26	270	166.3	39.21	208	121.9	29.97	157.8	38.61
Delaware	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-
Florida	-	-	-	234	174.6	42.20	78	140.0	34.30	158.2	38.51
Georgia	63	173.3	43.02	-	-	-	-	-	-	169.3	39.72
Maryland	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-	174.0	43.20
South Carolina	51	185.3	47.94	-	-	-	-	-	-	157.0	39.94
Virginia	125	160.2	41.91	35	98.8	19.49	-	-	-	160.4	40.92
West Virginia	516	116.1	28.52	0	79.2	18.58	130	111.2	27.38	122.5	29.62
East South Central	293	132.7	32.81	873	106.3	25.61	1,342	105.6	23.41	126.8	28.55
Alabama	112	142.3	34.60	17	119.0	27.68	139	118.9	27.69	137.4	29.75
Kentucky	82	131.6	33.52	284	110.8	26.53	1,116	105.0	23.00	119.7	27.33
Mississippi	-	-	-	-	-	-	-	-	-	159.7	37.78
Tennessee	99	123.0	30.21	572	103.7	25.10	87	91.8	21.88	117.0	26.76
West South Central	-	-	-	-	-	-	-	-	-	109.4	18.38
Arkansas	-	-	-	-	-	-	-	-	-	73.4	12.85
Louisiana	-	-	-	-	-	-	-	-	-	130.9	20.31
Oklahoma	-	-	-	-	-	-	-	-	-	95.1	16.54
Texas	-	-	-	-	-	-	-	-	-	124.7	20.67
Mountain	-	-	-	-	-	-	22	115.9	26.88	109.8	21.56
Arizona	-	-	-	-	-	-	-	-	-	133.1	27.29
Colorado	-	-	-	-	-	-	22	115.9	26.88	96.5	18.74
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	79.4	13.31
Nevada	-	-	-	-	-	-	-	-	-	125.3	27.95
New Mexico	-	-	-	-	-	-	-	-	-	166.7	32.11
Utah	-	-	-	-	-	-	-	-	-	103.2	23.09
Wyoming	-	-	-	-	-	-	-	-	-	79.7	13.74
Pacific Contiguous	-	-	-	-	-	-	-	-	-	-	-
California	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	1,241	133.5	33.39	2,055	121.3	28.90	2,527	109.0	24.70	121.6	24.59

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, June 2002

Census Division and State	No. 2 Fuel Oil		No. 4 Fuel Oil ¹		No. 5 Fuel Oil ¹		No. 6 Fuel Oil		Total	
	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)
New England	2	12	-	-	-	-	-	-	2	12
Connecticut	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-
New Hampshire	2	12	-	-	-	-	-	-	2	12
Rhode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	5	28	-	-	-	-	1,377	8,859	1,382	8,887
New Jersey	5	28	-	-	-	-	51	323	56	350
New York	-	-	-	-	-	-	1,326	8,536	1,326	8,536
Pennsylvania	*	0	-	-	-	-	-	-	*	0
East North Central	83	482	-	-	-	-	16	99	99	580
Illinois	5	31	-	-	-	-	-	-	5	31
Indiana	6	36	-	-	-	-	-	-	6	36
Michigan	67	391	-	-	-	-	16	99	83	489
Ohio	4	23	-	-	-	-	-	-	4	23
Wisconsin	-	-	-	-	-	-	-	-	-	-
West North Central	35	203	-	-	-	-	47	314	82	516
Iowa	14	80	-	-	-	-	-	-	14	80
Kansas	6	35	-	-	-	-	47	314	53	348
Minnesota	1	4	-	-	-	-	-	-	1	4
Missouri	7	40	-	-	-	-	-	-	7	40
Nebraska	3	16	-	-	-	-	-	-	3	16
North Dakota	5	27	-	-	-	-	-	-	5	27
South Dakota	-	-	-	-	-	-	-	-	-	-
South Atlantic	168	982	-	-	-	-	4,769	30,691	4,938	31,673
Delaware	-	-	-	-	-	-	50	322	50	322
District of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	47	272	-	-	-	-	4,421	28,475	4,468	28,747
Georgia	37	214	-	-	-	-	-	-	37	214
Maryland	-	-	-	-	-	-	-	-	-	-
North Carolina	17	101	-	-	-	-	-	-	17	101
South Carolina	9	55	-	-	-	-	-	-	9	55
Virginia	30	177	-	-	-	-	298	1,895	328	2,072
West Virginia	28	163	-	-	-	-	-	-	28	163
East South Central	26	156	-	-	-	-	-	-	26	156
Alabama	6	36	-	-	-	-	-	-	6	36
Kentucky	12	71	-	-	-	-	-	-	12	71
Mississippi	*	2	-	-	-	-	-	-	*	2
Tennessee	8	47	-	-	-	-	-	-	8	47
West South Central	14	84	-	-	-	-	-	-	14	84
Arkansas	4	23	-	-	-	-	-	-	4	23
Louisiana	*	1	-	-	-	-	-	-	*	1
Oklahoma	10	60	-	-	-	-	-	-	10	60
Texas	-	-	-	-	-	-	-	-	-	-
Mountain	17	99	-	-	-	-	-	-	17	99
Arizona	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	5	28	-	-	-	-	-	-	5	28
Nevada	7	38	-	-	-	-	-	-	7	38
New Mexico	1	6	-	-	-	-	-	-	1	6
Utah	*	1	-	-	-	-	-	-	*	1
Wyoming	5	26	-	-	-	-	-	-	5	26
Pacific Contiguous	-	-	-	-	-	-	1	4	1	4
California	-	-	-	-	-	-	1	4	1	4
Oregon	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-
U.S. Total	350	2,044	-	-	-	-	6,210	39,967	6,561	42,010

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	June 2002 Receipts		June 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	2	12	14	79	822	2,841	381.3	410.3
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	-	-	10	58	8	655	437.6	532.8
New Hampshire	2	12	4	21	814	2,186	380.7	373.5
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	1,382	8,887	1,403	8,960	33,573	72,827	327.9	374.9
New Jersey	56	350	6	36	1,001	144	464.2	564.7
New York	1,326	8,536	1,397	8,924	32,566	68,679	323.6	374.6
Pennsylvania	*	*	*	*	6	4,004	490.9	372.9
East North Central	99	580	271	1,650	6,005	12,143	329.2	511.6
Illinois	5	31	7	39	386	962	420.3	577.2
Indiana	6	36	18	106	536	1,059	480.1	590.4
Michigan	83	489	187	1,148	4,208	7,827	270.8	462.2
Ohio	4	23	54	329	750	2,003	479.9	617.8
Wisconsin	-	-	5	28	125	290	459.2	604.9
West North Central	82	516	118	757	3,500	7,430	316.0	410.5
Iowa	14	80	8	48	268	290	485.8	662.4
Kansas	53	348	94	615	2,628	6,233	253.5	363.1
Minnesota	1	4	3	18	105	176	536.2	681.5
Missouri	7	40	7	38	336	548	505.7	641.3
Nebraska	3	16	1	4	36	28	513.8	580.1
North Dakota	5	27	6	34	129	156	509.5	689.6
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	4,938	31,673	6,849	43,011	140,146	235,624	342.7	395.7
Delaware	50	322	13	84	1,141	804	356.4	436.7
District of Columbia	-	-	-	-	-	-	-	-
Florida	4,468	28,747	6,329	39,770	125,913	203,531	339.4	388.9
Georgia	37	214	26	148	769	1,216	525.2	685.4
Maryland	-	-	-	-	-	-	-	-
North Carolina	17	101	34	200	948	1,735	466.9	627.7
South Carolina	9	55	27	157	234	519	478.8	630.7
Virginia	328	2,072	379	2,415	10,592	26,585	344.0	399.9
West Virginia	28	163	41	236	550	1,233	524.4	685.4
East South Central	27	156	1,005	6,548	1,279	39,934	481.5	423.4
Alabama	6	36	17	99	280	285	466.1	598.7
Kentucky	12	71	13	75	421	500	496.5	607.8
Mississippi	*	2	965	6,315	82	38,908	529.1	418.6
Tennessee	8	47	10	59	496	241	469.5	621.1
West South Central	14	84	279	1,801	431	26,003	497.9	621.8
Arkansas	4	23	7	42	185	278	549.4	639.6
Louisiana	*	1	263	1,710	99	12,544	559.8	566.9
Oklahoma	10	60	5	30	60	1,365	477.9	635.9
Texas	-	-	3	19	88	11,816	334.5	678.0
Mountain	17	99	24	140	910	3,253	520.7	805.6
Arizona	-	-	5	28	121	2,698	589.4	823.0
Colorado	-	-	6	35	45	188	655.2	723.5
Idaho	-	-	-	-	-	-	-	-
Montana	5	28	-	-	164	-	530.8	-
Nevada	7	38	-	-	97	27	519.3	625.9
New Mexico	1	6	-	-	89	46	539.3	738.0
Utah	*	1	6	36	102	147	468.4	699.7
Wyoming	5	26	7	41	292	148	479.2	750.9
Pacific Contiguous	1	4	86	532	45	3,773	581.0	626.4
California	1	4	81	502	4	2,373	591.7	601.7
Oregon	-	-	5	29	41	1,399	580.0	668.3
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	1,192	7,507	-	44,692	-	482.7
Alaska	-	-	-	-	-	-	-	-
Hawaii	-	-	1,192	7,507	-	44,692	-	482.7
U.S. Total	6,561	42,010	11,240	70,985	186,712	448,519	341.5	425.0

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. • 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 June 2002 petroleum coke receipts were 153,440 short tons and the cost was 54.0 cents per million Btu. • Due to restructuring of the electric power industry, electric utilities are selling/transferring plants to the nonutility sector. This will affect comparisons of current and historical data.

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

Table 39. Receipts and Average Cost of Petroleum Delivered to Electric Utilities by Type of Purchase, Census Division, and State, June 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	-	-	-	-	-	-	496.1	28.71	-	-	-	-
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	496.1	28.71	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	1,327	351.2	22.61	50	800.6	50.44	518.7	29.83	-	-	367.1	23.61
New Jersey	1	442.5	28.06	50	800.6	50.44	519.1	29.84	-	-	790.8	49.83
New York	1,326	351.1	22.60	-	-	-	-	-	-	-	351.1	22.60
Pennsylvania	-	-	-	-	-	-	494.3	29.27	-	-	-	-
East North Central	-	-	-	16	272.6	16.50	476.6	27.73	-	-	272.6	16.50
Illinois	-	-	-	-	-	-	532.8	30.84	-	-	-	-
Indiana	-	-	-	-	-	-	496.8	28.74	-	-	-	-
Michigan	-	-	-	16	272.6	16.50	469.1	27.32	-	-	272.6	16.50
Ohio	-	-	-	-	-	-	496.7	28.83	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-	-	-	-
West North Central	-	-	-	47	301.9	20.16	502.7	29.31	-	-	301.9	20.16
Iowa	-	-	-	-	-	-	497.2	29.23	-	-	-	-
Kansas	-	-	-	47	301.9	20.16	490.5	28.43	-	-	301.9	20.16
Minnesota	-	-	-	-	-	-	529.7	30.48	-	-	-	-
Missouri	-	-	-	-	-	-	505.0	29.27	-	-	-	-
Nebraska	-	-	-	-	-	-	483.4	28.02	-	-	-	-
North Dakota	-	-	-	-	-	-	539.1	31.33	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	2,725	357.5	23.13	2,044	369.2	23.58	541.1	31.57	-	-	362.5	23.33
Delaware	-	-	-	50	386.9	24.88	-	-	-	-	386.9	24.88
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	2,725	357.5	23.13	1,696	369.5	23.61	518.2	30.06	-	-	362.0	23.32
Georgia	-	-	-	-	-	-	558.1	32.47	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	490.8	28.45	-	-	-	-
South Carolina	-	-	-	-	-	-	539.1	31.24	-	-	-	-
Virginia	-	-	-	298	364.8	23.19	609.0	35.81	-	-	364.8	23.19
West Virginia	-	-	-	-	-	-	515.5	30.40	-	-	-	-
East South Central	-	-	-	-	-	-	500.4	29.25	-	-	-	-
Alabama	-	-	-	-	-	-	510.1	29.74	-	-	-	-
Kentucky	-	-	-	-	-	-	493.3	28.78	-	-	-	-
Mississippi	-	-	-	-	-	-	523.3	30.78	-	-	-	-
Tennessee	-	-	-	-	-	-	502.4	29.52	-	-	-	-
West South Central	-	-	-	-	-	-	498.6	29.72	-	-	-	-
Arkansas	-	-	-	-	-	-	550.9	32.58	-	-	-	-
Louisiana	-	-	-	-	-	-	532.4	31.46	-	-	-	-
Oklahoma	-	-	-	-	-	-	477.9	28.57	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-	-	-	-
Mountain	-	-	-	-	-	-	561.1	32.78	-	-	-	-
Arizona	-	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	566.1	33.52	-	-	-	-
Nevada	-	-	-	-	-	-	544.3	31.80	-	-	-	-
New Mexico	-	-	-	-	-	-	556.6	31.79	-	-	-	-
Utah	-	-	-	-	-	-	514.5	29.82	-	-	-	-
Wyoming	-	-	-	-	-	-	582.2	33.72	-	-	-	-
Pacific Contiguous	-	-	-	1	591.7	36.98	-	-	-	-	591.7	36.98
California	-	-	-	1	591.7	36.98	-	-	-	-	591.7	36.98
Oregon	-	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	4,053	355.4	22.96	2,158	376.9	24.08	517.7	30.20	-	-	362.8	23.35

¹ Monetary values are expressed in nominal terms.

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

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

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

Census Division and State	0.3% or Less			More than 0.3% up to 0.5%			More than 0.5% up to 1.0%		
	Receipts	Average Cost ¹		Receipts	Average Cost ¹		Receipts	Average Cost ¹	
	(1,000 bbl)	(cents/10 ⁶ Btu)	(\$/bbl)	(1,000 bbl)	(cents/10 ⁶ Btu)	(\$/bbl)	(1,000 bbl)	(cents/10 ⁶ Btu)	(\$/bbl)
New England	-	-	-	-	-	-	-	-	-
Connecticut	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-
Middle Atlantic	-	-	-	-	-	-	1,377	367.1	23.61
New Jersey	-	-	-	-	-	-	51	790.8	49.83
New York	-	-	-	-	-	-	1,326	351.1	22.60
Pennsylvania	-	-	-	-	-	-	-	-	-
East North Central	13	263.8	15.65	-	-	-	-	-	-
Illinois	-	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-	-
Michigan	13	263.8	15.65	-	-	-	-	-	-
Ohio	-	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-
West North Central	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-
Minnesota	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-
South Atlantic	-	-	-	-	-	-	3,567	361.3	23.16
Delaware	-	-	-	-	-	-	50	386.9	24.88
District of Columbia	-	-	-	-	-	-	-	-	-
Florida	-	-	-	-	-	-	3,278	360.3	23.11
Georgia	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	239	369.7	23.48
West Virginia	-	-	-	-	-	-	-	-	-
East South Central	-	-	-	-	-	-	-	-	-
Alabama	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-	-
West South Central	-	-	-	-	-	-	-	-	-
Arkansas	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-
Mountain	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-
Pacific Contiguous	-	-	-	-	-	-	-	-	-
California	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-
U.S. Total	13	263.8	15.65	-	-	-	4,945	362.9	23.29

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, June 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	-	-	-	-	-	-	-	-	-	-	-
Connecticut	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	-	-	-	-	-	-	-	-	-	367.1	23.61
New Jersey	-	-	-	-	-	-	-	-	-	790.8	49.83
New York	-	-	-	-	-	-	-	-	-	351.1	22.60
Pennsylvania	-	-	-	-	-	-	-	-	-	-	-
East North Central	3	303.0	19.73	-	-	-	-	-	-	272.6	16.50
Illinois	-	-	-	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-	-	-	-
Michigan	3	303.0	19.73	-	-	-	-	-	-	272.6	16.50
Ohio	-	-	-	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-	-	-
West North Central	47	301.9	20.16	-	-	-	-	-	-	301.9	20.16
Iowa	-	-	-	-	-	-	-	-	-	-	-
Kansas	47	301.9	20.16	-	-	-	-	-	-	301.9	20.16
Minnesota	-	-	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	1,202	365.9	23.81	-	-	-	-	-	-	362.5	23.33
Delaware	-	-	-	-	-	-	-	-	-	386.9	24.88
District of Columbia	-	-	-	-	-	-	-	-	-	-	-
Florida	1,143	367.0	23.91	-	-	-	-	-	-	362.0	23.32
Georgia	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-
Virginia	59	344.9	22.02	-	-	-	-	-	-	364.8	23.19
West Virginia	-	-	-	-	-	-	-	-	-	-	-
East South Central	-	-	-	-	-	-	-	-	-	-	-
Alabama	-	-	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-	-	-	-
West South Central	-	-	-	-	-	-	-	-	-	-	-
Arkansas	-	-	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	-	-	-	-	-
Mountain	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-
Pacific Contiguous	1	591.7	36.98	-	-	-	-	-	-	591.7	36.98
California	1	591.7	36.98	-	-	-	-	-	-	591.7	36.98
Oregon	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	1,253	363.4	23.67	-	-	-	-	-	-	362.8	23.35

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, June 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	354	366	-	-	-	-	354	366
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	283	291	-	-	-	-	283	291
New Hampshire	72	75	-	-	-	-	72	75
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	7,406	7,557	-	-	-	-	7,406	7,557
New Jersey	-	-	-	-	-	-	-	-
New York	7,406	7,557	-	-	-	-	7,406	7,557
Pennsylvania	-	-	-	-	-	-	-	-
East North Central	3,190	3,243	763	121	-	-	3,954	3,364
Illinois	955	983	-	-	-	-	955	983
Indiana	40	40	-	-	-	-	40	40
Michigan	1,886	1,908	763	121	-	-	2,649	2,029
Ohio	29	29	-	-	-	-	29	29
Wisconsin	281	282	-	-	-	-	281	282
West North Central	4,244	4,286	-	-	-	-	4,244	4,286
Iowa	298	298	-	-	-	-	298	298
Kansas	2,111	2,133	-	-	-	-	2,111	2,133
Minnesota	513	516	-	-	-	-	513	516
Missouri	1,197	1,211	-	-	-	-	1,197	1,211
Nebraska	126	127	-	-	-	-	126	127
North Dakota	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	38,494	39,871	-	-	23	26	38,517	39,897
Delaware	10	10	-	-	-	-	10	10
District of Columbia	-	-	-	-	-	-	-	-
Florida	36,501	37,819	-	-	-	-	36,501	37,819
Georgia	4	4	-	-	-	-	4	4
Maryland	-	-	-	-	-	-	-	-
North Carolina	314	326	-	-	-	-	314	326
South Carolina	3	4	-	-	-	-	3	4
Virginia	1,645	1,691	-	-	23	26	1,668	1,717
West Virginia	17	17	-	-	-	-	17	17
East South Central	18,144	18,778	-	-	-	-	18,144	18,778
Alabama	7,024	7,325	-	-	-	-	7,024	7,325
Kentucky	92	94	-	-	-	-	92	94
Mississippi	11,028	11,359	-	-	-	-	11,028	11,359
Tennessee	-	-	-	-	-	-	-	-
West South Central	68,342	70,486	-	-	-	-	68,342	70,486
Arkansas	1,882	1,921	-	-	-	-	1,882	1,921
Louisiana	25,864	26,786	-	-	-	-	25,864	26,786
Oklahoma	16,813	17,328	-	-	-	-	16,813	17,328
Texas	23,784	24,451	-	-	-	-	23,784	24,451
Mountain	15,881	16,199	-	-	-	-	15,881	16,199
Arizona	3,736	3,815	-	-	-	-	3,736	3,815
Colorado	2,816	2,783	-	-	-	-	2,816	2,783
Idaho	-	-	-	-	-	-	-	-
Montana	*	*	-	-	-	-	*	*
Nevada	5,654	5,816	-	-	-	-	5,654	5,816
New Mexico	3,169	3,242	-	-	-	-	3,169	3,242
Utah	507	543	-	-	-	-	507	543
Wyoming	-	-	-	-	-	-	-	-
Pacific Contiguous	6,857	6,943	-	-	-	-	6,857	6,943
California	6,715	6,798	-	-	-	-	6,715	6,798
Oregon	142	145	-	-	-	-	142	145
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	1,641	1,641	-	-	-	-	1,641	1,641
Alaska	1,641	1,641	-	-	-	-	1,641	1,641
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	164,554	169,370	763	121	23	26	165,340	169,517

¹ Includes coke oven gas.

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

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

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

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

Census Division and State	June 2002 Receipts		June 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	354	366	401	412	1,664	1,244	370.1	492.3
Connecticut	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-
Massachusetts	283	291	368	378	1,532	1,144	372.9	493.5
New Hampshire	72	75	-	-	123	-	339.4	-
Rhode Island	-	-	-	-	-	-	-	-
Vermont	-	-	34	34	9	100	315.5	477.6
Middle Atlantic	7,406	7,557	8,903	9,096	33,812	26,336	346.8	622.2
New Jersey	-	-	-	-	-	-	-	-
New York	7,406	7,557	8,903	9,096	33,812	26,211	346.8	621.1
Pennsylvania	-	-	-	-	-	125	-	851.4
East North Central	3,954	3,364	3,095	3,041	13,214	9,359	342.6	534.0
Illinois	955	983	251	257	2,994	520	341.5	540.2
Indiana	40	40	174	177	267	747	335.2	596.5
Michigan	2,649	2,029	2,264	2,196	8,207	6,320	336.5	497.5
Ohio	29	29	51	52	125	266	505.2	871.6
Wisconsin	281	282	356	358	1,621	1,505	364.3	594.2
West North Central	4,244	4,286	2,280	2,283	11,844	8,273	327.4	548.6
Iowa	298	298	346	348	1,539	1,525	362.9	591.2
Kansas	2,111	2,133	1,454	1,452	4,693	4,273	298.8	516.9
Minnesota	513	516	133	134	731	718	356.0	654.5
Missouri	1,197	1,211	261	264	4,326	1,492	336.8	535.7
Nebraska	126	127	86	86	556	264	360.8	600.2
North Dakota	-	-	-	-	0	0	269.8	711.9
South Dakota	-	-	-	-	-	-	-	-
South Atlantic	38,517	39,897	23,432	24,424	177,006	103,490	381.8	618.9
Delaware	10	10	22	22	50	45	351.8	630.0
District of Columbia	-	-	-	-	-	-	-	-
Florida	36,501	37,819	21,968	22,914	172,079	100,930	378.5	617.6
Georgia	4	4	93	96	256	242	327.3	495.8
Maryland	-	-	-	-	-	-	-	-
North Carolina	314	326	24	25	1,013	49	406.3	548.3
South Carolina	3	4	15	16	16	49	455.3	628.7
Virginia	1,668	1,717	1,284	1,325	3,474	2,082	540.2	683.9
West Virginia	17	17	27	27	117	92	407.6	863.9
East South Central	18,144	18,778	4,568	4,688	91,378	27,633	309.8	570.3
Alabama	7,024	7,325	178	183	33,893	7,445	310.9	702.6
Kentucky	92	94	16	17	488	100	418.3	779.5
Mississippi	11,028	11,359	4,374	4,488	56,997	20,088	308.2	520.3
Tennessee	-	-	-	-	-	-	-	-
West South Central	68,342	70,486	134,088	138,022	302,011	631,855	324.1	551.5
Arkansas	1,882	1,921	1,485	1,508	6,908	9,184	348.8	582.9
Louisiana	25,864	26,786	20,628	21,382	121,900	104,376	327.1	573.0
Oklahoma	16,813	17,328	15,907	16,411	71,757	70,982	332.3	589.0
Texas	23,784	24,451	96,069	98,721	101,446	447,312	313.0	540.0
Mountain	15,881	16,199	21,728	22,233	70,609	115,667	417.2	588.2
Arizona	3,736	3,815	8,533	8,727	12,996	41,257	311.2	550.8
Colorado	2,816	2,783	3,714	3,802	18,555	18,897	277.2	488.7
Idaho	-	-	-	-	-	-	-	-
Montana	*	*	*	*	11	5	434.8	808.0
Nevada	5,654	5,816	4,251	4,335	24,597	28,394	615.4	780.0
New Mexico	3,169	3,242	4,038	4,115	11,987	19,264	304.8	529.9
Utah	507	543	1,158	1,219	2,343	7,527	605.8	476.0
Wyoming	-	-	34	35	120	325	468.5	396.5
Pacific Contiguous	6,857	6,943	13,101	13,307	38,576	80,598	409.0	897.8
California	6,715	6,798	8,993	9,117	32,814	56,922	426.3	1,099.3
Oregon	142	145	4,108	4,190	5,762	23,676	310.4	413.5
Washington	-	-	-	-	-	-	-	-
Pacific Noncontiguous	1,641	1,641	939	939	9,722	9,541	251.5	220.3
Alaska	1,641	1,641	939	939	9,722	9,541	251.5	220.3
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	165,340	169,517	212,536	218,446	749,836	1,013,996	349.7	589.1

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, June 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	-	-	-	244	371.2	3.82	110	392.0	4.10	354	377.8	3.90
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	244	371.2	3.82	38	525.5	5.44	283	392.3	4.04
New Hampshire	-	-	-	-	-	-	72	321.8	3.39	72	321.8	3.39
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Middle Atlantic	-	-	-	1,419	365.9	3.79	5,987	383.3	3.90	7,406	379.9	3.88
New Jersey	-	-	-	-	-	-	-	-	-	-	-	-
New York	-	-	-	1,419	365.9	3.79	5,987	383.3	3.90	7,406	379.9	3.88
Pennsylvania	-	-	-	-	-	-	-	-	-	-	-	-
East North Central	907	361.2	3.63	2,047	334.9	2.35	999	355.1	3.62	3,954	348.2	2.96
Illinois	-	-	-	955	346.4	3.57	-	-	-	955	346.4	3.57
Indiana	-	-	-	40	258.9	2.61	-	-	-	40	258.9	2.61
Michigan	900	360.9	3.63	775	162.8	0.28	974	351.3	3.58	2,649	343.2	2.63
Ohio	8	397.5	4.07	-	-	-	21	515.1	5.27	29	483.2	4.95
Wisconsin	-	-	-	277	387.7	3.89	4	423.4	4.23	281	388.3	3.90
West North Central	540	330.9	3.38	3,335	327.8	3.31	369	367.0	3.70	4,244	331.6	3.35
Iowa	19	384.2	3.86	112	368.1	3.70	167	402.0	4.02	298	388.1	3.89
Kansas	-	-	-	2,020	320.2	3.24	91	336.4	3.41	2,111	320.9	3.24
Minnesota	-	-	-	480	350.0	3.52	32	360.8	3.63	513	350.6	3.53
Missouri	480	325.7	3.33	638	318.7	3.19	79	332.1	3.38	1,197	322.4	3.26
Nebraska	40	368.8	3.69	85	399.2	4.05	-	-	-	126	389.5	3.93
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Atlantic	31,191	391.5	4.07	2,041	412.6	4.30	5,284	434.9	4.39	38,517	398.4	4.13
Delaware	-	-	-	10	331.9	3.43	-	-	-	10	331.9	3.43
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	31,191	391.5	4.07	1,694	410.2	4.28	3,616	440.6	4.41	36,501	397.1	4.11
Georgia	-	-	-	4	287.5	2.98	-	-	-	4	287.5	2.98
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	-	314	416.3	4.32	-	-	-	314	416.3	4.32
South Carolina	-	-	-	3	513.9	5.28	-	-	-	3	513.9	5.28
Virginia	-	-	-	-	-	-	1,668	422.9	4.35	1,668	422.9	4.35
West Virginia	-	-	-	17	652.0	6.52	-	-	-	17	652.0	6.52
East South Central	2,164	341.2	3.55	5,192	311.1	3.25	10,788	345.0	3.55	18,144	334.7	3.46
Alabama	1,816	338.5	3.52	5,192	311.1	3.25	16	314.0	3.27	7,024	318.2	3.32
Kentucky	-	-	-	-	-	-	92	372.5	3.82	92	372.5	3.82
Mississippi	348	355.5	3.68	-	-	-	10,680	344.8	3.55	11,028	345.1	3.55
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-
West South Central	9,630	347.4	3.60	4,411	310.2	3.19	54,301	345.6	3.56	68,342	343.5	3.54
Arkansas	-	-	-	-	-	-	1,882	352.8	3.60	1,882	352.8	3.60
Louisiana	221	341.1	3.55	2,597	343.1	3.56	23,045	354.3	3.67	25,864	353.1	3.66
Oklahoma	8,481	345.3	3.58	14	378.0	3.81	8,318	333.3	3.42	16,813	339.4	3.50
Texas	928	368.6	3.80	1,800	261.1	2.65	21,055	340.1	3.50	23,784	335.3	3.45
Mountain	4,557	344.8	3.46	3,302	248.3	2.53	8,022	409.2	4.21	15,882	357.6	3.65
Arizona	-	-	-	2,039	253.1	2.57	1,697	345.5	3.55	3,736	295.3	3.01
Colorado	2,505	207.0	2.05	311	179.2	1.78	-	-	-	2,816	203.9	2.02
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	0	419.8	4.72	-	-	-	0	419.8	4.72
Nevada	2,052	507.1	5.20	-	-	-	3,602	487.4	5.03	5,654	494.5	5.09
New Mexico	-	-	-	952	260.0	2.67	2,217	313.1	3.20	3,169	297.1	3.04
Utah	-	-	-	-	-	-	507	479.0	5.13	507	479.0	5.13
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Contiguous	1,623	479.3	4.79	144	447.6	4.60	5,090	317.4	3.22	6,857	358.0	3.62
California	1,623	479.3	4.79	144	447.6	4.60	4,948	318.2	3.23	6,715	359.5	3.64
Oregon	-	-	-	-	-	-	142	288.7	2.95	142	288.7	2.95
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Noncontiguous	1,641	239.6	2.40	-	-	-	-	-	-	1,641	239.6	2.40
Alaska	1,641	239.6	2.40	-	-	-	-	-	-	1,641	239.6	2.40
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Total	52,254	374.2	3.86	22,136	320.5	3.20	90,951	357.4	3.67	165,341	357.9	3.67

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 July 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
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
Total	725,705	644,796	556,626	62,324	1,989,451
Year to Date					
2002	725,705	644,796	556,626	62,324	1,989,451
2001	705,070	624,097	583,598	66,169	1,978,934
2000	675,629	602,307	617,979	62,129	1,958,044

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, July 2002 and 2001
(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Other ¹		All Sectors	
	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001
New England	4,308	3,710	4,730	4,348	2,083	2,140	129	117	11,251	10,315
Connecticut	1,318	1,074	1,196	1,126	486	428	45	45	3,045	2,673
Maine	348	328	355	336	268	383	5	5	976	1,051
Massachusetts	1,797	1,577	2,283	2,085	889	860	57	48	5,026	4,570
New Hampshire	373	328	377	352	189	203	11	11	950	893
Rhode Island	301	239	344	279	115	134	8	4	768	656
Vermont	171	165	176	170	136	133	4	4	486	472
Mid Atlantic	12,921	10,844	13,721	12,639	7,433	6,538	NM	1,340	35,308	31,361
New Jersey	3,250	2,662	3,562	3,204	1,090	1,082	37	40	7,939	6,989
New York	4,720	4,185	6,020	5,725	2,148	1,416	NM	1,187	13,978	12,513
Pennsylvania	4,951	3,996	4,140	3,710	4,195	4,040	106	113	13,392	11,859
East North Central	21,405	17,681	16,146	15,043	18,139	18,252	1,386	1,281	57,077	52,258
Illinois	5,779	4,568	4,254	4,126	3,531	3,695	809	751	14,373	13,139
Indiana	3,494	2,974	2,094	1,964	3,951	4,066	49	47	9,589	9,051
Michigan	4,031	3,249	3,902	3,434	3,128	2,989	75	80	11,135	9,752
Ohio	5,734	4,801	4,056	3,749	5,108	5,237	383	334	15,281	14,121
Wisconsin	2,368	2,089	1,840	1,770	2,421	2,266	71	70	6,700	6,195
West North Central	10,841	10,092	8,180	8,000	6,726	6,534	NM	718	26,546	25,345
Iowa	1,615	1,403	847	830	1,464	1,502	144	156	4,069	3,891
Kansas	1,610	1,726	1,424	1,351	873	930	NM	55	3,963	4,062
Minnesota	2,339	2,093	1,873	1,863	1,951	1,723	NM	81	6,228	5,760
Missouri	3,620	3,353	2,683	2,671	1,384	1,355	104	101	7,791	7,480
Nebraska	995	915	757	733	698	675	NM	229	2,751	2,551
North Dakota	294	278	297	278	NM	203	NM	44	857	804
South Dakota	369	324	297	274	145	145	NM	52	886	796
South Atlantic	31,658	29,020	23,859	23,308	14,346	13,449	2,100	1,946	71,963	67,723
Delaware	414	375	360	338	358	350	5	5	1,137	1,068
District of Columbia	154	193	849	892	21	23	55	32	1,079	1,140
Florida	10,200	10,044	7,065	7,015	1,674	1,505	489	480	19,428	19,044
Georgia	5,299	4,870	3,847	3,802	3,042	2,811	147	140	12,336	11,623
Maryland	2,682	2,226	2,468	2,452	1,191	877	84	74	6,425	5,629
North Carolina	5,069	4,552	3,816	3,621	2,773	2,693	203	192	11,861	11,057
South Carolina	2,764	2,532	1,792	1,760	2,788	2,620	88	86	7,433	6,997
Virginia	4,202	3,425	3,006	2,812	1,624	1,707	1,024	932	9,856	8,876
West Virginia	873	803	658	616	873	864	6	6	2,409	2,288
East South Central	11,767	10,708	7,247	6,859	11,056	9,534	556	515	30,626	27,617
Alabama	3,314	3,109	1,992	1,914	3,022	2,798	61	56	8,389	7,877
Kentucky	2,667	2,321	1,452	1,371	3,266	2,679	324	301	7,708	6,671
Mississippi	1,886	1,822	1,186	1,124	1,278	1,348	79	75	4,428	4,369
Tennessee	3,901	3,457	2,617	2,450	3,490	2,710	93	83	10,101	8,700
West South Central	20,642	19,858	12,579	12,661	13,630	13,508	1,636	1,956	48,487	47,984
Arkansas	1,610	1,611	919	910	1,496	1,541	77	77	4,101	4,139
Louisiana	2,988	2,950	1,826	1,780	2,582	2,359	256	258	7,652	7,346
Oklahoma	2,313	2,441	1,344	1,410	1,072	1,243	348	267	5,077	5,361
Texas	13,732	12,857	8,490	8,561	8,480	8,366	955	1,355	31,658	31,138
Mountain	8,532	7,716	7,966	7,378	5,666	5,540	NM	1,212	23,401	21,846
Arizona	3,276	3,035	2,277	2,194	985	991	NM	491	7,029	6,711
Colorado	1,521	1,389	1,789	1,732	912	920	NM	177	4,401	4,218
Idaho	548	471	935	735	628	688	NM	30	2,144	1,924
Montana	335	307	360	343	319	233	NM	36	1,062	919
Nevada	1,372	1,173	NM	650	1,109	1,040	NM	56	3,414	2,918
New Mexico	513	482	692	686	461	459	NM	284	1,950	1,911
Utah	803	702	795	782	610	603	NM	118	2,324	2,205
Wyoming	163	156	251	257	641	606	NM	21	1,078	1,039
Pacific Contiguous	10,864	9,663	NM	11,791	6,449	7,355	NM	1,516	33,077	30,325
California ²	7,690	6,644	NM	8,712	4,363	5,136	NM	1,182	24,178	21,675
Oregon	1,162	1,096	1,314	1,232	907	990	NM	37	3,425	3,355
Washington	2,012	1,923	1,967	1,847	NM	1,229	NM	296	5,473	5,294
Pacific Noncontiguous	368	361	446	447	410	417	22	17	1,247	1,242
Alaska	131	128	179	182	89	97	NM	12	418	419
Hawaii	237	233	267	265	321	320	NM	4	830	823
U.S. Total	133,306	119,654	109,537	102,474	85,938	83,267	10,203	10,619	338,984	316,014

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.

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, July 2002
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.4	0.3	0.5	2.5	0.3
Connecticut	0.2	0.2	0.2	3.0	0.2
Maine	0.4	0.2	0.2	1.6	0.2
Massachusetts	0.8	0.4	1.0	2.1	0.6
New Hampshire	0.3	0.2	0.4	0.2	0.2
Rhode Island	0.3	0.1	0.2	0.2	0.1
Vermont	2.2	0.7	0.7	4.4	1.0
Mid Atlantic	0.2	0.1	1.2	NM	1.0
New Jersey	0.2	0.1	0.2	0.2	0.1
New York	0.3	0.1	3.1	NM	1.8
Pennsylvania	0.3	0.1	0.1	0.5	0.1
East North Central	0.5	0.4	0.8	0.7	0.3
Illinois	0.4	0.4	0.5	0.2	0.4
Indiana	1.0	0.5	0.9	2.5	0.7
Michigan	0.7	0.9	1.6	6.5	0.4
Ohio	0.7	0.3	0.7	0.3	0.5
Wisconsin	1.3	1.3	3.2	3.8	0.7
West North Central	0.9	0.8	2.6	NM	0.6
Iowa	2.3	3.4	6.3	9.9	1.6
Kansas	0.6	1.9	1.3	NM	0.8
Minnesota	2.3	1.8	3.3	NM	1.0
Missouri	1.1	0.4	3.5	2.1	1.0
Nebraska	1.5	1.4	3.6	NM	1.6
North Dakota	2.4	1.5	NM	NM	3.9
South Dakota	2.5	1.5	6.2	NM	2.5
South Atlantic	0.8	0.8	0.6	1.0	0.7
Delaware	0.5	0.5	0.4	1.0	0.4
District of Columbia	-	-	-	-	-
Florida	0.9	1.2	2.0	1.6	1.0
Georgia	1.2	1.0	0.9	3.7	0.9
Maryland	1.0	0.5	0.3	1.9	0.6
North Carolina	0.9	0.8	0.5	1.5	0.7
South Carolina	1.0	0.7	0.5	1.2	0.6
Virginia	0.6	0.5	0.6	0.4	0.4
West Virginia	0.2	0.1	0.1	0.7	0.1
East South Central	0.6	0.6	0.9	1.4	0.6
Alabama	0.9	0.8	2.6	5.5	1.2
Kentucky	1.4	0.8	1.2	0.3	1.0
Mississippi	1.3	2.6	1.0	8.9	1.1
Tennessee	1.1	0.8	1.3	1.1	1.0
West South Central	0.9	3.1	0.7	5.7	0.8
Arkansas	1.1	2.4	2.2	5.0	1.4
Louisiana	1.1	2.5	0.2	2.2	0.7
Oklahoma	0.9	2.0	1.1	1.3	0.8
Texas	0.9	3.2	0.5	7.5	0.9
Mountain	0.6	3.6	0.5	NM	0.5
Arizona	0.4	0.5	0.8	NM	0.5
Colorado	1.6	1.2	1.4	NM	1.0
Idaho	0.3	0.3	1.2	NM	1.2
Montana	2.5	1.1	1.9	NM	1.7
Nevada	0.9	NM	0.3	NM	1.2
New Mexico	2.0	1.9	2.4	NM	1.5
Utah	1.2	1.4	0.5	NM	0.8
Wyoming	2.2	1.3	1.3	NM	1.2
Pacific Contiguous	1.1	NM	3.9	NM	2.1
California ²	1.5	NM	2.8	NM	2.4
Oregon	0.5	0.8	6.9	NM	3.5
Washington	0.6	1.2	NM	NM	5.4
Pacific Noncontiguous	0.1	0.1	0.3	NM	0.2
Alaska	0.1	0.2	1.5	NM	0.5
Hawaii	-	-	-	-	-
U.S. Average	0.3	2.6	0.6	NM	0.4

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

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.

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 (July) 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	25,062	24,951	28,329	28,275	13,820	15,025	924	863	68,135	69,114
Connecticut	7,105	7,012	7,244	7,184	3,108	3,204	323	319	17,781	17,720
Maine	2,328	2,307	2,158	2,195	2,095	2,643	33	34	6,615	7,180
Massachusetts	10,541	10,614	13,634	13,674	5,667	5,940	415	368	30,258	30,597
New Hampshire	2,289	2,241	2,281	2,261	1,277	1,479	77	76	5,924	6,056
Rhode Island	1,605	1,568	1,891	1,851	755	821	48	38	4,299	4,279
Vermont	1,194	1,209	1,121	1,109	918	937	27	28	3,260	3,282
Mid Atlantic	69,680	67,859	80,389	79,166	48,615	49,448	NM	9,206	207,542	205,678
New Jersey	15,151	14,647	20,174	19,854	6,687	7,279	293	288	42,305	42,067
New York	26,037	25,464	35,172	35,360	14,235	14,147	NM	7,904	83,217	82,874
Pennsylvania	28,492	27,748	25,042	23,952	27,694	28,023	793	1,014	82,021	80,737
East North Central	106,013	100,294	93,689	92,251	119,820	125,560	9,278	9,436	328,800	327,541
Illinois	26,046	24,089	25,147	25,374	22,396	25,018	5,566	5,932	79,155	80,414
Indiana	17,875	17,371	12,294	12,043	27,370	27,723	366	353	57,905	57,490
Michigan	19,849	18,503	21,732	21,004	20,512	20,668	503	490	62,596	60,665
Ohio	29,645	28,342	23,593	23,108	34,409	36,964	2,411	2,243	90,058	90,657
Wisconsin	12,599	11,989	10,924	10,722	15,133	15,187	432	418	39,087	38,315
West North Central	54,313	53,064	46,981	47,390	43,598	42,670	NM	3,936	148,570	147,060
Iowa	7,590	7,232	4,906	4,863	9,777	9,754	879	858	23,152	22,707
Kansas	7,241	7,338	7,585	7,280	5,690	5,914	NM	347	20,859	20,879
Minnesota	11,770	11,180	11,010	11,973	12,682	11,421	NM	400	35,847	34,973
Missouri	18,139	17,993	15,524	15,323	8,811	9,159	657	654	43,131	43,129
Nebraska	5,185	5,055	4,268	4,238	4,265	4,209	NM	1,105	14,633	14,606
North Dakota	2,185	2,138	1,975	1,977	NM	1,335	NM	277	5,844	5,727
South Dakota	2,204	2,128	1,713	1,737	938	879	NM	294	5,103	5,038
South Atlantic	177,000	173,939	142,113	140,024	93,580	93,145	13,017	12,794	425,710	419,902
Delaware	2,230	2,269	2,112	2,143	2,336	2,372	33	37	6,712	6,821
District of Columbia	964	1,070	4,964	4,986	148	156	236	205	6,312	6,417
Florida	59,644	58,107	43,504	42,224	11,058	10,794	3,259	3,212	117,464	114,338
Georgia	26,981	25,949	22,449	22,263	19,834	19,596	965	965	70,228	68,773
Maryland	14,695	14,939	15,281	15,172	6,253	5,961	587	520	36,816	36,592
North Carolina	28,290	27,922	22,284	21,846	18,005	18,300	1,248	1,256	69,828	69,323
South Carolina	15,054	15,020	10,268	10,355	18,270	18,131	534	551	44,126	44,058
Virginia	23,082	22,552	17,203	17,036	11,376	11,355	6,114	6,004	57,773	56,947
West Virginia	6,060	6,111	4,048	4,000	6,299	6,481	43	43	16,451	16,634
East South Central	64,033	63,438	41,598	40,818	73,449	68,721	3,419	3,402	182,499	176,379
Alabama	17,211	16,746	11,268	11,056	19,671	19,078	400	401	48,549	47,280
Kentucky	14,388	14,236	8,308	8,303	25,639	21,780	1,899	1,902	50,234	46,221
Mississippi	9,989	9,891	6,678	6,476	8,628	8,891	466	467	25,761	25,725
Tennessee	22,445	22,566	15,344	14,984	19,511	18,972	654	632	57,954	57,154
West South Central	106,700	101,664	79,939	72,192	81,209	92,316	10,707	11,916	278,555	278,087
Arkansas	8,597	8,710	4,798	5,070	9,551	9,734	406	424	23,353	23,938
Louisiana	15,661	15,254	10,571	10,323	17,219	17,760	1,595	1,578	45,047	44,915
Oklahoma	11,188	11,495	7,647	7,662	7,704	7,658	1,803	1,684	28,343	28,500
Texas ²	71,254	66,205	56,923	49,136	46,735	57,163	6,901	8,229	181,813	180,734
Mountain	44,546	42,992	44,760	43,089	35,900	37,518	NM	5,560	131,030	129,159
Arizona	14,877	14,597	12,743	12,537	6,298	6,710	NM	2,124	36,222	35,967
Colorado	8,887	8,366	10,779	10,468	5,980	6,038	NM	792	26,504	25,664
Idaho	4,168	4,067	4,187	3,824	3,588	4,326	NM	190	12,132	12,407
Montana	2,426	2,376	2,274	2,268	1,941	1,952	NM	197	6,806	6,793
Nevada	5,666	5,516	NM	3,770	6,770	6,528	NM	315	16,949	16,129
New Mexico	3,041	2,934	4,010	3,852	2,963	3,144	NM	1,233	11,297	11,163
Utah	4,132	3,838	4,844	4,709	3,996	4,339	NM	580	13,568	13,467
Wyoming	1,350	1,299	1,731	1,661	4,364	4,480	NM	128	7,552	7,569
Pacific Contiguous	75,633	74,247	NM	77,870	43,868	56,493	NM	8,903	209,961	217,513
California ³	44,643	43,381	NM	55,237	29,207	38,009	NM	6,464	139,448	143,091
Oregon	10,722	10,780	8,411	8,606	6,198	7,323	NM	255	25,589	26,964
Washington	20,268	20,086	13,930	14,027	NM	11,160	NM	2,184	44,924	47,458
Pacific Noncontiguous	2,725	2,621	3,004	3,023	2,767	2,703	NM	154	8,649	8,501
Alaska	1,138	1,096	1,261	1,312	696	609	NM	122	3,218	3,139
Hawaii	1,587	1,525	1,743	1,711	2,071	2,094	NM	31	5,431	5,362
U.S. Total	725,705	705,070	644,796	624,097	556,626	583,598	62,324	66,169	1,989,451	1,978,934

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

² Due to deregulation in Texas, Retail Electricity Providers are no longer required to classify customers based on the standard categories. Large fluctuation in consumers classes are being observed among Commercial and Industrial sectors.

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 July 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
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
Total	60,917	50,531	26,891	4,128	142,467
Year to Date					
2002	60,917	50,531	26,891	4,128	142,467
2001	59,697	48,649	29,562	4,238	142,147
2000	55,176	43,750	27,819	4,051	130,796

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, July 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	482	460	485	512	164	184	19	15	1,150	1,171
Connecticut	147	118	116	104	41	34	5	4	309	261
Maine ²	46	42	32	50	9	18	1	1	88	111
Massachusetts ²	193	206	251	270	77	91	10	6	531	574
New Hampshire	45	42	39	37	17	19	1	2	102	99
Rhode Island ²	29	31	28	32	10	12	1	1	67	75
Vermont	22	21	20	19	11	10	1	1	53	51
Mid Atlantic	1,543	1,328	1,501	1,424	446	412	NM	83	3,613	3,249
New Jersey	364	296	334	306	83	92	7	5	788	699
New York	672	626	823	805	112	84	NM	67	1,708	1,581
Pennsylvania	507	406	344	313	251	237	14	12	1,116	968
East North Central	1,804	1,516	1,225	1,121	872	869	89	81	3,990	3,587
Illinois	518	431	383	332	203	202	49	44	1,153	1,008
Indiana	234	205	126	119	163	165	5	5	528	493
Michigan	357	285	288	260	156	159	9	9	810	712
Ohio	504	430	308	297	241	241	20	18	1,073	986
Wisconsin	191	166	121	114	109	102	6	5	426	387
West North Central	882	820	553	549	318	326	NM	42	1,802	1,737
Iowa	142	122	62	61	69	71	9	10	282	265
Kansas	133	140	95	88	44	44	4	4	276	276
Minnesota	187	173	122	130	90	88	5	6	405	397
Missouri	292	271	189	188	72	80	7	7	560	546
Nebraska	77	68	46	44	27	27	NM	12	169	151
North Dakota	21	20	18	18	9	8	NM	2	50	48
South Dakota	29	26	19	19	7	7	NM	2	58	54
South Atlantic	2,583	2,443	1,576	1,572	639	625	132	123	4,930	4,762
Delaware	39	35	28	26	16	18	1	1	84	80
District of Columbia	15	18	69	66	1	1	3	1	88	86
Florida	823	875	458	497	88	82	37	38	1,405	1,492
Georgia	433	415	248	259	135	137	13	12	828	824
Maryland	233	193	190	180	39	39	8	6	470	418
North Carolina	422	379	251	234	142	137	14	13	828	762
South Carolina	217	196	118	113	115	106	6	5	456	421
Virginia	347	281	180	165	68	71	50	46	646	562
West Virginia	55	51	35	33	34	33	1	1	124	118
East South Central	788	711	455	428	447	398	34	32	1,725	1,568
Alabama	243	220	133	124	125	112	4	4	505	460
Kentucky	153	131	77	71	124	98	15	13	368	313
Mississippi	144	141	82	81	59	63	7	7	292	292
Tennessee	248	218	163	153	139	124	8	7	559	502
West South Central	1,683	1,765	858	962	639	733	108	149	3,287	3,609
Arkansas	124	129	55	57	68	74	5	6	252	266
Louisiana ⁴	232	231	128	128	127	126	17	19	504	503
Oklahoma ⁴	169	191	87	104	46	61	19	19	321	375
Texas ⁵	1,158	1,214	588	673	398	472	66	106	2,210	2,465
Mountain	700	630	529	486	316	282	NM	53	1,597	1,451
Arizona	282	268	169	168	55	56	NM	16	522	507
Colorado	110	100	99	96	41	41	NM	10	260	248
Idaho ⁶	39	30	50	39	30	27	NM	1	121	97
Montana	25	22	21	19	11	11	NM	2	61	55
Nevada	130	108	NM	56	111	80	4	4	325	249
New Mexico	45	43	51	51	22	23	NM	13	131	129
Utah	56	48	43	44	23	22	NM	5	127	119
Wyoming	12	11	15	14	23	21	NM	1	51	47
Pacific Contiguous	1,200	1,051	NM	1,463	523	719	NM	123	3,688	3,356
California ³	982	867	NM	1,298	432	623	NM	107	3,152	2,894
Oregon	86	71	88	65	42	41	NM	3	220	180
Washington	131	114	119	100	49	55	16	13	315	282
Pacific Noncontiguous	53	54	55	57	42	43	NM	3	153	157
Alaska	16	16	18	19	7	7	NM	2	44	43
Hawaii	37	38	37	38	34	36	1	1	109	113
U.S. Total	11,717	10,777	9,144	8,575	4,406	4,592	667	703	25,934	24,648

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 Reduction in fuel prices and/or tariff rates resulted in lower revenues and subsequent reduction of retail electricity costs (cents/KWH).

⁵ Due to deregulation in Texas, Retail Electricity Providers are no longer required to classify customers based on the standard categories. Large fluctuations in consumer classes are being observed among Commercial and Industrial sectors.

⁶ Sharp increase in rates for Industrial consumers in Idaho resulted in higher revenues and prices (cents/KWH) over June 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 50. Relative Standard Error for Revenue from U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census-Division, and State, July 2002
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.2	0.2	0.7	2.3	0.2
Connecticut	0.1	0.2	0.2	2.7	0.2
Maine	0.2	0.1	0.4	1.5	0.1
Massachusetts	0.3	0.4	1.2	1.8	0.4
New Hampshire	0.1	0.2	0.4	0.3	0.2
Rhode Island	0.1	0.1	0.2	0.2	0.1
Vermont	1.0	0.6	0.9	3.9	0.8
Mid Atlantic	0.1	0.1	1.0	NM	0.6
New Jersey	0.1	0.1	0.2	0.2	0.1
New York	0.2	0.1	2.6	NM	1.1
Pennsylvania	0.2	0.1	0.1	0.5	0.1
East North Central	0.1	0.1	0.5	0.3	0.3
Illinois	0.1	0.2	0.5	0.1	0.4
Indiana	0.2	0.2	1.0	1.3	0.8
Michigan	0.2	0.2	0.4	4.0	0.2
Ohio	0.2	0.1	0.9	0.4	0.5
Wisconsin	0.3	0.3	0.8	1.8	0.2
West North Central	0.3	0.2	1.0	NM	0.4
Iowa	0.6	0.9	2.1	5.9	0.5
Kansas	1.3	0.8	1.2	NM	0.9
Minnesota	0.5	0.4	0.9	7.0	0.4
Missouri	0.3	0.2	3.3	1.2	1.0
Nebraska	0.7	0.8	2.6	NM	1.0
North Dakota	1.3	1.1	4.7	NM	2.6
South Dakota	1.3	0.9	2.0	NM	1.7
South Atlantic	0.5	0.6	0.5	0.9	0.5
Delaware	0.2	0.6	0.6	0.9	0.4
District of Columbia	-	-	-	-	-
Florida	0.5	0.9	1.5	1.3	0.7
Georgia	0.7	0.7	0.7	3.0	0.6
Maryland	0.4	0.5	0.5	1.7	0.5
North Carolina	0.6	0.6	0.4	1.3	0.5
South Carolina	0.7	0.5	0.4	1.3	0.5
Virginia	0.4	0.3	0.5	0.3	0.3
West Virginia	0.1	0.0	0.1	0.4	0.2
East South Central	0.5	0.3	0.9	1.4	0.6
Alabama	0.5	0.6	1.8	3.6	0.8
Kentucky	0.4	0.3	1.3	0.2	1.2
Mississippi	2.1	0.8	1.1	4.6	1.2
Tennessee	0.3	0.3	1.6	0.5	1.1
West South Central	1.5	1.0	0.6	3.2	1.0
Arkansas	1.8	0.9	1.8	3.3	1.3
Louisiana	1.7	0.7	0.2	1.5	0.8
Oklahoma	1.7	0.8	1.0	1.5	0.9
Texas	1.5	1.0	0.6	3.7	1.0
Mountain	0.2	5.1	0.5	NM	0.5
Arizona	0.2	0.2	0.8	NM	0.4
Colorado	0.7	0.6	1.4	NM	0.8
Idaho	0.5	0.2	0.3	NM	0.4
Montana	1.3	0.7	1.7	NM	1.2
Nevada	0.4	NM	0.2	6.5	1.4
New Mexico	0.8	0.9	2.2	NM	1.2
Utah	0.5	0.7	0.6	NM	0.6
Wyoming	1.2	0.8	0.8	NM	0.8
Pacific Contiguous	0.4	NM	2.1	NM	2.3
California ²	0.7	NM	1.6	NM	2.3
Oregon	0.7	0.5	2.2	NM	1.0
Washington	0.7	0.8	4.1	7.3	1.8
Pacific Noncontiguous	0.2	0.3	0.2	NM	0.2
Alaska	0.8	0.9	1.1	NM	0.6
Hawaii	-	-	-	-	-
U.S. Average	0.3	5.2	0.3	NM	0.5

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.

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 (July) 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	2,798	2,983	2,795	2,949	1,020	1,247	126	106	6,740	7,286
Connecticut	781	757	676	657	242	245	31	30	1,730	1,689
Maine ²	279	296	242	259	86	163	8	7	615	725
Massachusetts ²	1,157	1,296	1,367	1,465	450	550	62	47	3,035	3,358
New Hampshire	269	289	228	244	112	137	9	11	618	681
Rhode Island ²	161	195	157	200	59	79	12	7	389	481
Vermont	152	151	124	123	72	74	4	4	353	352
Mid Atlantic	7,774	7,655	8,122	8,061	2,848	2,883	NM	558	19,439	19,157
New Jersey	1,582	1,495	1,859	1,809	514	600	43	32	3,998	3,936
New York	3,459	3,552	4,175	4,274	703	716	NM	439	8,898	8,981
Pennsylvania	2,733	2,608	2,088	1,978	1,631	1,566	90	88	6,543	6,241
East North Central	8,500	8,120	6,987	6,618	5,615	5,680	571	581	21,673	21,000
Illinois	2,189	2,093	2,058	1,806	1,242	1,154	311	324	5,799	5,378
Indiana	1,228	1,179	746	716	1,090	1,082	35	34	3,099	3,011
Michigan	1,672	1,552	1,651	1,605	1,018	1,067	58	56	4,399	4,280
Ohio	2,396	2,355	1,822	1,815	1,599	1,719	132	134	5,950	6,023
Wisconsin	1,015	941	711	677	664	658	35	32	2,426	2,308
West North Central	4,003	3,874	2,856	2,871	1,860	1,879	NM	233	8,956	8,858
Iowa	629	606	323	331	393	411	56	55	1,401	1,403
Kansas	548	557	473	452	265	273	NM	26	1,312	1,308
Minnesota	886	852	656	719	535	526	32	32	2,108	2,129
Missouri	1,295	1,249	939	912	402	422	40	40	2,676	2,622
Nebraska	342	317	237	229	165	156	NM	58	805	761
North Dakota	139	136	122	116	57	52	NM	11	330	314
South Dakota	164	157	106	113	43	39	NM	11	325	320
South Atlantic	14,005	13,810	9,215	9,149	3,964	4,041	850	816	28,035	27,816
Delaware	191	190	154	144	101	95	5	5	450	434
District of Columbia	79	85	360	353	7	7	14	9	462	454
Florida	4,901	4,916	2,926	2,953	584	573	258	249	8,670	8,691
Georgia	2,079	2,017	1,456	1,487	781	853	84	82	4,401	4,439
Maryland	1,131	1,133	968	946	231	250	52	40	2,383	2,370
North Carolina	2,291	2,234	1,445	1,397	844	851	85	82	4,664	4,565
South Carolina	1,169	1,155	672	670	703	698	36	35	2,580	2,559
Virginia	1,788	1,701	1,013	983	472	472	311	309	3,585	3,464
West Virginia	377	378	220	217	240	241	5	5	841	841
East South Central	4,180	4,097	2,640	2,558	2,746	2,657	216	210	9,781	9,523
Alabama	1,219	1,173	751	731	758	752	29	28	2,757	2,684
Kentucky	803	780	439	427	794	684	86	85	2,122	1,976
Mississippi	721	720	458	454	382	400	42	43	1,603	1,616
Tennessee	1,437	1,424	992	946	812	821	58	55	3,299	3,247
West South Central	8,182	8,508	5,220	5,521	3,682	4,951	745	877	17,829	19,858
Arkansas	630	664	299	315	404	438	29	30	1,362	1,447
Louisiana ⁴	1,111	1,281	703	852	733	1,123	101	130	2,647	3,386
Oklahoma ⁴	734	845	419	510	284	355	91	99	1,528	1,809
Texas	5,708	5,719	3,799	3,844	2,261	3,035	525	618	12,292	13,216
Mountain	3,472	3,297	2,938	2,779	1,762	1,789	NM	270	8,454	8,135
Arizona	1,213	1,205	922	926	330	357	NM	82	2,552	2,569
Colorado	641	616	604	590	262	268	NM	54	1,563	1,527
Idaho ⁵	281	237	240	189	172	153	NM	9	703	587
Montana	171	158	133	124	77	124	NM	14	395	420
Nevada	539	486	NM	313	478	406	21	19	1,419	1,223
New Mexico	260	253	293	286	138	175	NM	63	757	777
Utah	275	260	267	263	151	156	NM	24	716	703
Wyoming	91	83	98	88	154	151	NM	6	349	329
Pacific Contiguous	7,627	6,974	NM	7,759	3,125	4,150	NM	567	20,530	19,449
California ³	5,506	5,148	NM	6,533	2,469	3,220	NM	455	16,159	15,356
Oregon	798	668	580	453	304	314	NM	20	1,707	1,455
Washington	1,323	1,158	880	772	351	616	111	92	2,665	2,638
Pacific Noncontiguous	376	377	365	383	269	285	NM	20	1,031	1,066
Alaska	139	130	131	132	54	47	NM	16	340	325
Hawaii	237	247	235	251	214	238	NM	4	690	740
U.S. Total	60,917	59,697	50,531	48,649	26,891	29,562	4,128	4,238	142,467	142,147

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 Reduction in fuel prices and/or tariff rates resulted in lower revenues and subsequent reduction of retail electricity costs (cents/KWH).

⁵ Sharp increase in rates for Industrial consumers in Idaho resulted in higher revenues and prices (cents/KWH) over June 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 July 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
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
Average	8.39	7.84	4.83	6.62	7.16
Year to Date Average					
2002	8.39	7.84	4.83	6.62	7.16
2001	8.47	7.80	5.07	6.41	7.18
2000	8.17	7.26	4.50	6.52	6.68

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, July 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	12.4	10.3	11.8	7.9	8.6	14.9	12.7	10.2	11.4
Connecticut	11.2	11.0	9.7	9.3	8.4	8.0	10.8	9.6	10.1	9.8
Maine ³	13.1	12.7	9.0	15.0	3.4	4.7	23.0	21.8	9.0	10.6
Massachusetts ³	10.8	13.1	11.0	12.9	8.6	10.6	18.2	12.9	10.6	12.6
New Hampshire	12.1	12.7	10.2	10.6	9.0	9.2	12.0	14.2	10.7	11.1
Rhode Island ³	9.5	13.0	8.0	11.3	8.3	8.6	12.4	24.1	8.7	11.4
Vermont	13.1	13.0	11.3	11.1	7.8	7.9	17.4	17.0	11.0	10.9
Mid Atlantic	11.9	12.3	10.9	11.3	6.0	6.3	NM	6.2	10.2	10.4
New Jersey	11.2	11.1	9.4	9.6	7.6	8.5	20.0	11.7	9.9	10.0
New York	14.2	15.0	13.7	14.1	5.2	5.9	NM	5.6	12.2	12.6
Pennsylvania	10.2	10.2	8.3	8.4	6.0	5.9	13.6	10.9	8.3	8.2
East North Central	8.4	8.6	7.6	7.5	4.8	4.8	6.4	6.3	7.0	6.9
Illinois	9.0	9.4	9.0	8.0	5.8	5.5	6.1	5.9	8.0	7.7
Indiana	6.7	6.9	6.0	6.1	4.1	4.1	10.5	10.1	5.5	5.5
Michigan	8.9	8.8	7.4	7.6	5.0	5.3	12.0	10.9	7.3	7.3
Ohio	8.8	9.0	7.6	7.9	4.7	4.6	5.2	5.5	7.0	7.0
Wisconsin	8.1	7.9	6.6	6.4	4.5	4.5	8.1	7.5	6.4	6.3
West North Central	8.1	8.1	6.8	6.9	4.7	5.0	6.1	5.9	6.8	6.9
Iowa	8.8	8.7	7.4	7.4	4.7	4.7	6.3	6.3	6.9	6.8
Kansas	8.3	8.1	6.7	6.5	5.1	4.7	NM	7.7	7.0	6.8
Minnesota	8.0	8.2	6.5	7.0	4.6	5.1	8.3	7.3	6.5	6.9
Missouri	8.1	8.1	7.1	7.1	5.2	5.9	6.6	6.6	7.2	7.3
Nebraska	7.7	7.4	6.1	6.0	3.9	4.1	NM	5.2	6.1	5.9
North Dakota	7.3	7.3	6.2	6.5	NM	4.1	NM	4.0	5.9	6.0
South Dakota	7.9	8.1	6.5	7.0	5.0	4.6	NM	3.7	6.6	6.8
South Atlantic	8.2	8.4	6.6	6.7	4.5	4.7	6.3	6.3	6.9	7.0
Delaware	9.3	9.3	7.9	7.6	4.4	5.2	16.8	14.3	7.4	7.5
District of Columbia	9.7	9.3	8.2	7.4	5.4	5.6	5.2	2.8	8.2	7.6
Florida	8.1	8.7	6.5	7.1	5.3	5.5	7.6	7.9	7.2	7.8
Georgia	8.2	8.5	6.4	6.8	4.4	4.9	8.6	8.9	6.7	7.1
Maryland	8.7	8.7	7.7	7.3	3.3	4.5	9.5	7.9	7.3	7.4
North Carolina	8.3	8.3	6.6	6.5	5.1	5.1	6.8	6.6	7.0	6.9
South Carolina	7.9	7.8	6.6	6.4	4.1	4.1	6.3	6.2	6.1	6.0
Virginia	8.3	8.2	6.0	5.9	4.2	4.1	4.9	5.0	6.6	6.3
West Virginia	6.3	6.4	5.3	5.3	3.9	3.8	11.7	11.6	5.2	5.2
East South Central	6.7	6.6	6.3	6.2	4.1	4.2	6.2	6.2	5.6	5.7
Alabama	7.3	7.1	6.7	6.5	4.1	4.0	7.1	7.2	6.0	5.8
Kentucky	5.7	5.6	5.3	5.2	3.8	3.7	4.6	4.4	4.8	4.7
Mississippi	7.6	7.8	6.9	7.2	4.6	4.7	NM	9.6	6.6	6.7
Tennessee	6.4	6.3	6.2	6.2	4.0	4.6	9.0	8.6	5.5	5.8
West South Central	8.2	8.9	6.8	7.6	4.7	5.4	6.6	7.6	6.8	7.5
Arkansas	7.7	8.0	6.0	6.3	4.6	4.8	6.9	7.4	6.1	6.4
Louisiana ⁴	7.8	7.8	7.0	7.2	4.9	5.3	6.8	7.3	6.6	6.9
Oklahoma ⁴	7.3	7.8	6.5	7.4	4.3	4.9	5.4	7.0	6.3	7.0
Texas	8.4	9.5	6.9	7.9	4.7	5.6	6.9	7.8	7.0	7.9
Mountain	8.2	8.2	6.6	6.6	5.6	5.1	NM	4.3	6.8	6.6
Arizona	8.6	8.8	7.4	7.6	5.6	5.6	NM	3.3	7.4	7.6
Colorado	7.2	7.2	5.5	5.6	4.5	4.5	NM	5.8	5.9	5.9
Idaho ⁵	7.1	6.4	5.4	5.2	4.8	3.9	NM	4.7	5.6	5.1
Montana	7.6	7.2	5.9	5.6	3.6	4.8	NM	6.2	5.7	6.0
Nevada	9.5	9.2	NM	8.7	10.0	7.7	NM	6.6	9.5	8.5
New Mexico	8.9	8.8	7.3	7.4	4.8	5.1	NM	4.6	6.7	6.8
Utah	7.0	6.8	5.5	5.6	3.8	3.7	NM	3.9	5.5	5.4
Wyoming	7.4	7.0	5.9	5.5	3.5	3.5	NM	4.6	4.7	4.6
Pacific Contiguous	11.0	10.9	NM	12.4	8.1	9.8	NM	8.1	11.2	11.1
California ²	12.8	13.0	NM	14.9	9.9	12.1	NM	9.1	13.0	13.4
Oregon	7.4	6.5	6.7	5.3	4.7	4.1	9.2	7.7	6.4	5.4
Washington	6.5	5.9	6.1	5.4	4.1	4.5	5.2	4.4	5.8	5.3
Pacific Noncontiguous	14.5	14.8	12.3	12.8	10.2	10.4	NM	16.0	12.3	12.6
Alaska	12.6	12.4	10.2	10.2	8.1	7.2	NM	16.7	10.6	10.4
Hawaii	15.5	16.1	13.8	14.5	10.7	11.4	13.5	14.2	13.1	13.8
U.S. Average	8.79	9.01	8.35	8.37	5.13	5.51	6.53	6.62	7.65	7.80

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 Reduction in fuel prices and/or tariff rates resulted in lower revenues and subsequent reduction of retail electricity costs (cents/KWH).

⁵ Sharp increase in rates for Industrial consumers in Idaho resulted in higher revenues and prices (cents/KWH) over June 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, July 2002
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.4	0.4	0.8	0.9	0.4
Connecticut	0.2	0.4	0.3	1.3	0.3
Maine	0.2	0.2	0.4	0.5	0.2
Massachusetts	0.7	0.6	1.4	1.1	0.7
New Hampshire	0.3	0.3	0.4	0.3	0.3
Rhode Island	0.3	0.1	0.3	0.2	0.2
Vermont	2.1	1.0	1.2	2.6	1.4
Mid Atlantic	0.2	0.1	0.6	NM	0.8
New Jersey	0.1	0.2	0.3	0.2	0.2
New York	0.1	0.1	1.8	NM	1.3
Pennsylvania	0.3	0.2	0.1	0.2	0.2
East North Central	0.5	0.4	0.8	0.6	0.3
Illinois	0.4	0.2	0.5	0.2	0.4
Indiana	1.0	0.5	1.0	1.7	0.8
Michigan	0.9	1.0	1.7	2.7	0.5
Ohio	0.6	0.3	0.9	0.6	0.5
Wisconsin	1.4	1.1	2.9	3.1	0.8
West North Central	1.0	0.8	2.2	7.0	0.6
Iowa	2.4	2.8	4.9	4.4	1.6
Kansas	1.7	2.3	1.7	NM	1.2
Minnesota	2.4	1.8	3.2	5.8	1.3
Missouri	1.0	0.3	2.4	1.4	0.8
Nebraska	1.4	1.7	5.7	NM	1.4
North Dakota	2.8	2.2	NM	NM	2.7
South Dakota	2.7	2.0	5.7	NM	2.1
South Atlantic	0.9	0.5	0.7	1.4	0.6
Delaware	0.5	0.8	0.8	0.7	0.7
District of Columbia	-	-	-	-	-
Florida	1.1	0.7	2.1	2.0	0.9
Georgia	1.5	0.7	0.9	3.8	0.9
Maryland	1.0	0.8	0.6	1.3	0.9
North Carolina	1.2	0.6	0.6	2.1	0.7
South Carolina	1.3	0.5	0.6	1.9	0.7
Virginia	0.7	0.4	0.8	0.5	0.5
West Virginia	0.3	0.1	0.1	0.8	0.2
East South Central	0.9	0.6	1.0	2.5	0.6
Alabama	1.0	0.5	2.6	5.0	0.9
Kentucky	1.6	0.8	1.3	0.3	1.2
Mississippi	3.1	2.8	1.6	NM	1.7
Tennessee	1.2	0.7	1.6	1.0	1.1
West South Central	2.2	3.5	0.9	7.9	1.3
Arkansas	2.6	2.9	2.6	7.2	1.7
Louisiana	2.6	2.5	0.3	2.6	1.1
Oklahoma	2.4	2.3	1.5	2.4	1.2
Texas	2.2	3.6	0.9	9.8	1.4
Mountain	0.6	8.5	0.5	NM	0.7
Arizona	0.5	0.4	1.0	NM	0.4
Colorado	1.8	1.2	1.6	NM	1.1
Idaho	0.6	0.3	1.2	NM	1.4
Montana	2.7	1.4	3.3	NM	1.7
Nevada	0.6	NM	0.3	NM	2.4
New Mexico	2.1	1.6	2.5	NM	1.5
Utah	1.2	1.3	0.8	NM	0.9
Wyoming	2.4	1.7	2.0	NM	1.3
Pacific Contiguous	0.9	NM	2.3	NM	3.6
California ²	1.0	NM	2.0	NM	4.1
Oregon	1.0	0.8	6.3	8.3	3.2
Washington	1.0	1.0	13.9	7.5	4.2
Pacific Noncontiguous	0.2	0.3	0.4	NM	0.2
Alaska	0.8	1.0	2.2	NM	0.8
Hawaii	-	-	-	-	-
U.S. Average	0.5	7.6	0.5	6.0	0.7

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

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.

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 (July) 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	8.3	13.6	12.3	9.9	10.5
Connecticut	11.0	10.8	9.3	9.2	7.8	7.6	9.7	9.3	9.7	9.5
Maine ³	12.0	12.8	11.2	11.8	4.1	6.2	22.4	21.4	9.3	10.1
Massachusetts ³	11.0	12.2	10.0	10.7	7.9	9.3	14.9	12.7	10.0	11.0
New Hampshire	11.7	12.9	10.0	10.8	8.7	9.2	11.9	14.4	10.4	11.2
Rhode Island ³	10.0	12.4	8.3	10.8	7.8	9.6	24.5	19.4	9.0	11.2
Vermont	12.7	12.5	11.1	11.1	7.9	7.9	16.0	14.4	10.8	10.7
Mid Atlantic	11.2	11.3	10.1	10.2	5.9	5.8	NM	6.1	9.4	9.3
New Jersey	10.4	10.2	9.2	9.1	7.7	8.2	14.8	11.0	9.4	9.4
New York	13.3	13.9	11.9	12.1	4.9	5.1	NM	5.6	10.7	10.8
Pennsylvania	9.6	9.4	8.3	8.3	5.9	5.6	11.4	8.7	8.0	7.7
East North Central	8.0	8.1	7.5	7.2	4.7	4.5	6.2	6.2	6.6	6.4
Illinois	8.4	8.7	8.2	7.1	5.5	4.6	5.6	5.5	7.3	6.7
Indiana	6.9	6.8	6.1	5.9	4.0	3.9	9.6	9.6	5.4	5.2
Michigan	8.4	8.4	7.6	7.6	5.0	5.2	11.6	11.5	7.0	7.1
Ohio	8.1	8.3	7.7	7.9	4.6	4.7	5.5	6.0	6.6	6.6
Wisconsin	8.1	7.8	6.5	6.3	4.4	4.3	8.1	7.8	6.2	6.0
West North Central	7.4	7.3	6.1	6.1	4.3	4.4	6.4	5.9	6.0	6.0
Iowa	8.3	8.4	6.6	6.8	4.0	4.2	6.4	6.4	6.1	6.2
Kansas	7.6	7.6	6.2	6.2	4.7	4.6	NM	7.5	6.3	6.3
Minnesota	7.5	7.6	6.0	6.0	4.2	4.6	8.2	8.0	5.9	6.1
Missouri	7.1	6.9	6.0	5.9	4.6	4.6	6.2	6.1	6.2	6.1
Nebraska	6.6	6.3	5.6	5.4	3.9	3.7	NM	5.3	5.5	5.2
North Dakota	6.4	6.4	6.2	5.8	NM	3.9	NM	3.9	5.6	5.5
South Dakota	7.5	7.4	6.2	6.5	4.6	4.4	NM	3.7	6.4	6.4
South Atlantic	7.9	7.9	6.5	6.5	4.2	4.3	6.5	6.4	6.6	6.6
Delaware	8.5	8.4	7.3	6.7	4.3	4.0	16.0	14.2	6.7	6.4
District of Columbia	8.2	7.9	7.3	7.1	4.8	4.7	6.1	4.3	7.3	7.1
Florida	8.2	8.5	6.7	7.0	5.3	5.3	7.9	7.8	7.4	7.6
Georgia	7.7	7.8	6.5	6.7	3.9	4.4	8.7	8.5	6.3	6.5
Maryland	7.7	7.6	6.3	6.2	3.7	4.2	8.8	7.7	6.5	6.5
North Carolina	8.1	8.0	6.5	6.4	4.7	4.6	6.8	6.5	6.7	6.6
South Carolina	7.8	7.7	6.5	6.5	3.8	3.9	6.7	6.4	5.8	5.8
Virginia	7.7	7.5	5.9	5.8	4.2	4.2	5.1	5.1	6.2	6.1
West Virginia	6.2	6.2	5.4	5.4	3.8	3.7	10.9	10.7	5.1	5.1
East South Central	6.5	6.5	6.3	6.3	3.7	3.9	6.3	6.2	5.4	5.4
Alabama	7.1	7.0	6.7	6.6	3.9	3.9	7.3	7.0	5.7	5.7
Kentucky	5.6	5.5	5.3	5.1	3.1	3.1	4.5	4.4	4.2	4.3
Mississippi	7.2	7.3	6.9	7.0	4.4	4.5	NM	9.1	6.2	6.3
Tennessee	6.4	6.3	6.5	6.3	4.2	4.3	8.9	8.7	5.7	5.7
West South Central	7.7	8.4	6.5	7.6	4.5	5.4	7.0	7.4	6.4	7.1
Arkansas	7.3	7.6	6.2	6.2	4.2	4.5	7.1	7.1	5.8	6.0
Louisiana ⁴	7.1	8.4	6.6	8.3	4.3	6.3	6.3	8.2	5.9	7.5
Oklahoma ⁴	6.6	7.3	5.5	6.7	3.7	4.6	5.0	5.9	5.4	6.3
Texas	8.0	8.6	6.7	7.8	4.8	5.3	7.6	7.5	6.8	7.3
Mountain	7.8	7.7	6.6	6.4	4.9	4.8	NM	4.9	6.5	6.3
Arizona	8.2	8.3	7.2	7.4	5.2	5.3	NM	3.9	7.0	7.1
Colorado	7.2	7.4	5.6	5.6	4.4	4.4	NM	6.8	5.9	6.0
Idaho ⁵	6.7	5.8	5.7	4.9	4.8	3.5	NM	4.5	5.8	4.7
Montana	7.1	6.6	5.8	5.5	4.0	6.4	NM	6.9	5.8	6.2
Nevada	9.5	8.8	NM	8.3	7.1	6.2	NM	6.0	8.4	7.6
New Mexico	8.5	8.6	7.3	7.4	4.7	5.6	NM	5.1	6.7	7.0
Utah	6.6	6.8	5.5	5.6	3.8	3.6	NM	4.2	5.3	5.2
Wyoming	6.8	6.4	5.7	5.3	3.5	3.4	NM	4.4	4.6	4.3
Pacific Contiguous	10.1	9.4	NM	10.0	7.1	7.3	NM	6.4	9.8	8.9
California ²	12.3	11.9	NM	11.8	8.5	8.5	NM	7.0	11.6	10.7
Oregon	7.4	6.2	6.9	5.3	4.9	4.3	9.5	7.7	6.7	5.4
Washington	6.5	5.8	6.3	5.5	4.2	5.5	4.9	4.2	5.9	5.6
Pacific Noncontiguous	13.8	14.4	12.2	12.7	9.7	10.5	NM	13.2	11.9	12.5
Alaska	12.2	11.9	10.4	10.1	7.8	7.7	NM	13.0	10.6	10.4
Hawaii	15.0	16.2	13.5	14.7	10.4	11.4	12.9	14.0	12.7	13.8
U.S. Average	8.39	8.47	7.84	7.80	4.83	5.07	6.62	6.41	7.16	7.18

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 Reduction in fuel prices and/or tariff rates resulted in lower revenues and subsequent reduction of retail electricity costs (cents/KWH).

⁵ Sharp increase in rates for Industrial consumers in Idaho resulted in higher revenues and prices (cents/KWH) over June 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, July 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.....	339,878	-6	283,762	662	-	-	154	-	2,153
Gantt (AL)	-	-	-	140	-	-	-	-	-
Lowman (AL)	339,878	-	-	-	-	-	154	-	-
McIntosh-CAES (AL)	-	-	12,582	-	-	-	-	-	124
McWilliams (AL)	-	-	271,180	-	-	-	-	-	2,028
Point A (AL)	-	-	-	522	-	-	-	-	-
Portland (FL)	-	-6	-	-	-	-	-	-	-
Alabama Power Co.....	5,462,043	2,307	763,515	139,672	1,234,644	-	2,563	3	5,949
Bankhead Dam (AL)	-	-	-	11,964	-	-	-	-	-
Barry (AL)	1,034,428	-	593,991	-	-	-	440	-	4,145
Farley (AL)	-	-	-	-	1,234,644	-	-	-	-
Gadsden New (AL)	50,006	-	932	-	-	-	27	-	10
Gaston, E C (AL)	1,299,749	1,961	-	-	-	-	521	3	-
GE Plastics (AL)	-	-	45,878	-	-	-	-	-	547
Gorgas (AL)	794,290	346	-	-	-	-	328	*	-
Greene County (AL)	357,720	-	49,408	-	-	-	144	-	589
H Neely Henry Dam (AL)	-	-	-	5,568	-	-	-	-	-
Harris (AL)	-	-	-	4,433	-	-	-	-	-
Holt Dam (AL)	-	-	-	11,228	-	-	-	-	-
Jordan (AL)	-	-	-	12,058	-	-	-	-	-
Lay Dam (AL)	-	-	-	14,949	-	-	-	-	-
Lewis Smith Dam (AL)	-	-	-	19,516	-	-	-	-	-
Logan Martin Dam (AL)	-	-	-	8,790	-	-	-	-	-
Martin Dam (AL)	-	-	-	10,577	-	-	-	-	-
Miller (AL)	1,925,850	-	1,616	-	-	-	1,103	-	18
Mitchell Dam (AL)	-	-	-	12,582	-	-	-	-	-
Thurlow Dam (AL)	-	-	-	7,809	-	-	-	-	-
Walter Bouldin Dam (AL)	-	-	-	8,969	-	-	-	-	-
Washington County (AL)	-	-	71,690	-	-	-	-	-	640
Weiss Dam (AL)	-	-	-	6,659	-	-	-	-	-
Yates Dam (AL)	-	-	-	4,570	-	-	-	-	-
Alaska Elec Lgt & Pwr Co.....	-	88	-	29,835	-	-	-	-	-
Annex Creek (AK)	-	-	-	2,598	-	-	-	-	-
Auke Bay (AK)	-	41	-	-	-	-	-	*	-
Gold Creek (AK)	-	-	-	889	-	-	-	-	-
Lemon Creek (AK)	-	47	-	-	-	-	-	*	-
Salmon Creek (AK)	-	-	-	3,080	-	-	-	-	-
Snettisham (AK)	-	-	-	23,268	-	-	-	-	-
Alexandria (City of).....	-	-	-	-	-	-	-	-	-
D G Hunter (LA)	-	-	-	-	-	-	-	-	-
Amer Mun Power-Ohio Inc.....	119,432	-	272	-	-	-	75	-	4
Richard Gorsuch (OH)	119,432	-	272	-	-	-	75	-	4
Ameren-UE.....	2,848,747	63,780	50,346	87,042	838,569	5,244	1,707	37	674
Callaway (MO)	-	-	-	-	838,569	-	-	-	-
Howard Bend (MO)	-	1,070	-	-	-	-	-	3	-
Jefferson City (MO)	-	713	-	-	-	-	-	2	-
Keokuk (IA)	-	-	-	90,573	-	-	-	-	-
Kirksville (MO)	-	-	-	-	-	-	-	-	-
Labadie (MO)	1,186,866	1,814	-	-	-	-	722	3	-
Meramec (MO)	449,400	101	7,291	-	-	-	250	*	71
Mexico (MO)	-	169	-	-	-	-	-	1	-
Moberly (MO)	-	384	-	-	-	-	-	1	-
Moreau (MO)	-	432	-	-	-	-	-	1	-
Osage (MO)	-	-	-	22,911	-	-	-	-	-
Peno Creek (MO)	-	2,505	27,579	-	-	-	-	5	316
Portable (MO)	-	-	-	-	-	-	-	-	-
Rush Island (MO)	695,385	845	-	-	-	-	451	2	-
Sioux (MO)	517,096	55,747	-	-	-	5,244	285	20	-
Taum Sauk (MO)	-	-	-	-26,442	-	-	-	-	-
Venice No. 2 (IL)	-	-	15,461	-	-	-	-	-	286
Viaduct (MO)	-	-	15	-	-	-	-	-	1
Ames (City of).....	45,726	762	-	-	-	-	30	2	-
Ames (IA)	45,726	414	-	-	-	-	30	1	-
Ames Gt (IA)	-	348	-	-	-	-	-	1	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)	-	20	44,042	14,438	-	-	-	-	609
Anchorage (AK).....	-	5	3,180	-	-	-	-	*	78
Eklutna (AK).....	-	-	-	14,438	-	-	-	-	-
GMS 2 (AK).....	-	15	40,862	-	-	-	-	*	530
Appalachian Power Co.	3,133,969	14,861	-	11,053	-	-	1,264	20	-
Amos, John E (WV).....	1,569,425	12,396	-	-	-	-	635	17	-
Buck (VA).....	-	-	-	1,241	-	-	-	-	-
Byllesby 2 (VA).....	-	-	-	1,644	-	-	-	-	-
Claytor (VA).....	-	-	-	6,659	-	-	-	-	-
Clinch River (VA).....	354,346	1,004	-	-	-	-	140	1	-
Glen Lyn (VA).....	160,059	572	-	-	-	-	66	1	-
Kanawha River (WV).....	232,788	336	-	-	-	-	81	*	-
Leesville (VA).....	-	-	-	1,575	-	-	-	-	-
London (WV).....	-	-	-	4,886	-	-	-	-	-
Marmet (WV).....	-	-	-	4,097	-	-	-	-	-
Mountaineer (WV).....	817,351	553	-	-	-	-	343	1	-
Niagara (VA).....	-	-	-	85	-	-	-	-	-
Reusens (VA).....	-	-	-	1,145	-	-	-	-	-
Smith Mountain (VA).....	-	-	-	-18,211	-	-	-	-	-
Winfield (WV).....	-	-	-	7,932	-	-	-	-	-
Arizona Elec Pwr Coop Inc	178,124	-	47,989	-	-	-	97	-	551
Apache Station (AZ).....	178,124	-	47,989	-	-	-	97	-	551
Arizona Public Service Co	1,868,556	552	284,798	2,093	2,792,098	-	1,066	1	3,345
Childs (AZ).....	-	-	-	1,632	-	-	-	-	-
Cholla (AZ).....	567,494	417	154	-	-	-	319	1	2
Fairview (AZ).....	-	32	-	-	-	-	-	*	-
Four Corners (NM).....	1,301,062	-	3,540	-	-	-	747	-	37
Irving (AZ).....	-	-	-	461	-	-	-	-	-
Ocotillo (AZ).....	-	-	60,134	-	-	-	-	-	767
Palo Verde (AZ).....	-	-	-	-	2,792,098	-	-	-	-
Phoenix (AZ).....	-	-	113,485	-	-	-	-	-	1,190
Saguaro (AZ).....	-	-	51,297	-	-	-	-	-	685
Yucca (AZ).....	-	103	56,188	-	-	-	-	*	664
Arkansas Elec Coop Corp.	-	-	57,034	70,152	-	-	-	-	661
Bailey (AR).....	-	-	26,250	-	-	-	-	-	309
Clyde Ellis (AR).....	-	-	-	15,784	-	-	-	-	-
Dam #2 (AR).....	-	-	-	40,539	-	-	-	-	-
Dam 9 (AR).....	-	-	-	13,829	-	-	-	-	-
Fitzhugh (AR).....	-	-	627	-	-	-	-	-	8
Fulton (AR).....	-	-	-	-	-	-	-	-	-
Mc Clellan (AR).....	-	-	30,157	-	-	-	-	-	344
Arkansas Power & Light Co	1,616,118	3,604	308,333	13,167	1,366,828	-	1,011	8	3,520
Arkansas Nuclear One(AR).....	-	-	-	-	1,366,828	-	-	-	-
Blytheville (AR).....	-	-	-	-	-	-	-	-	-
Carpenter (AR).....	-	-	-	8,713	-	-	-	-	-
Couch, Harvey (AR).....	-	-	22,345	-	-	-	-	-	324
Independence (AR).....	966,842	2,560	-	-	-	-	585	5	-
L. Catherine (AR).....	-	-	199,837	-	-	-	-	-	2,167
Mablevale (AR).....	-	-	-	-	-	-	-	-	-
Rommel (AR).....	-	-	-	4,454	-	-	-	-	-
Ritchie, R E (AR).....	-	-	86,151	-	-	-	-	-	1,029
White Bluff (AR).....	649,276	1,044	-	-	-	-	427	2	-
Associated Elec Coop.	1,547,758	404	5,007	-	-	-	889	1	55
Chouteau (MO).....	-	-	168	-	-	-	-	-	1
Essex (MO).....	-	-	4,758	-	-	-	-	-	53
Holden (MO).....	-	-	7	-	-	-	-	-	*
Nadaway (MO).....	-	-	14	-	-	-	-	-	*
New Madrid (MO).....	749,943	69	-	-	-	-	441	*	-
St Francis (MO).....	-	-	60	-	-	-	-	-	*
Thomas Hill (MO).....	797,815	335	-	-	-	-	448	1	-
Unionville (MO).....	-	-	-	-	-	-	-	-	-
Atlantic City Elec Co	177,996	42,114	7,081	-	-	-	83	59	79

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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).....	41,277	25	7,081	-	-	-	19	*	79
England, B L (NJ).....	136,719	42,089	-	-	-	-	65	59	-
Austin (City of)	-	24	332,593	-	-	-	-	-	3,531
Decker Creek (TX).....	-	24	240,901	-	-	-	-	*	2,531
Holly Street (TX).....	-	-	67,405	-	-	-	-	-	743
Sandhill (TX).....	-	-	24,287	-	-	-	-	-	257
Avista Corporation	-	-	2,143	483,416	-	1,296	-	-	25
Boulder Park (WA).....	-	-	606	-	-	-	-	-	6
Cabinet Gorge (ID).....	-	-	-	146,707	-	-	-	-	-
Kettle Fls (WA).....	-	-	218	-	-	1,296	-	-	2
Little Falls (WA).....	-	-	-	14,693	-	-	-	-	-
Long Lake (WA).....	-	-	-	40,509	-	-	-	-	-
Monroe Street (WA).....	-	-	-	8,747	-	-	-	-	-
Nine Mile (WA).....	-	-	-	9,257	-	-	-	-	-
Northeast (WA).....	-	-	5	-	-	-	-	-	*
Noxon Rapids (MT).....	-	-	-	248,758	-	-	-	-	-
Post Falls (ID).....	-	-	-	7,587	-	-	-	-	-
Rathdrum (ID).....	-	-	1,314	-	-	-	-	-	17
Upper Falls (WA).....	-	-	-	7,158	-	-	-	-	-
Basin Elec Power Coop	2,152,767	883	-	-	-	302	1,577	2	-
Antelope Valley (ND).....	605,255	11	-	-	-	-	521	*	-
Laramie River (WY).....	1,161,421	88	-	-	-	-	736	*	-
Leland Olds (ND).....	386,091	368	-	-	-	-	319	1	-
Prairie Winds (ND).....	-	-	-	-	-	302	-	-	-
Spirit Mound (SD).....	-	416	-	-	-	-	-	1	-
Black Hills Pwr and Lt Co	108,795	116	21,793	-	-	-	90	-	259
French, Ben (SD).....	14,214	73	8,361	-	-	-	12	*	126
Neil Simpson 2 (WY).....	60,306	40	13,432	-	-	-	45	*	133
Osage (WY).....	21,321	-	-	-	-	-	21	-	-
Simpson, Neil (WY).....	12,954	3	-	-	-	-	12	*	-
Braintree (City of)	-	10	10,844	-	-	-	-	-	141
Potter Station (MA).....	-	10	10,844	-	-	-	-	*	141
Brazos Elec Pwr Coop Inc	-	-	64,290	-	-	-	-	-	732
Miller, R W (TX).....	-	-	63,752	-	-	-	-	-	723
North Texas (TX).....	-	-	538	-	-	-	-	-	9
Brownsville (City of)	-	-	892	-	-	-	-	-	11
Si Ray (TX).....	-	-	892	-	-	-	-	-	11
Bryan (City of)	-	-	31,436	-	-	-	-	-	370
Bryan (TX).....	-	-	859	-	-	-	-	-	21
Dansby (TX).....	-	-	30,577	-	-	-	-	-	349
Burbank (City of)	-	-	12,804	-	-	-	-	-	193
Magnolia (CA).....	-	-	303	-	-	-	-	-	4
Olive (CA).....	-	-	12,501	-	-	-	-	-	189
Burlington (City of)	-	149	410	-	-	13,834	-	-	4
Burlington (VT).....	-	144	-	-	-	-	-	*	-
J C McNeil (VT).....	-	5	410	-	-	13,834	-	*	4
California (State of)	-	-	-	429,211	-	-	-	-	-
Alamo (CA).....	-	-	-	10,436	-	-	-	-	-
Bottle Rock (CA).....	-	-	-	-	-	-	-	-	-
Devil Canyon (CA).....	-	-	-	19,358	-	-	-	-	-
Edw Hyatt (CA).....	-	-	-	264,622	-	-	-	-	-
Mojave Siphon (CA).....	-	-	-	6,315	-	-	-	-	-
Thermal Div (CA).....	-	-	-	2,024	-	-	-	-	-
Thermalito (CA).....	-	-	-	41,009	-	-	-	-	-
W E Warne (CA).....	-	-	-	49,398	-	-	-	-	-
William R Gianelli (CA).....	-	-	-	36,049	-	-	-	-	-
Cardinal Operating Co	759,276	5,090	-	-	-	-	310	7	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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).....	759,276	5,090	-	-	-	-	310	7	-
Carolina Power & Light Co.	3,081,736	19,278	442,723	20,444	2,371,950	-	1,249	43	4,109
Asheville (NC).....	223,431	1,853	27,863	-	-	-	89	4	355
Blewett (NC).....	-	7	-	2,153	-	-	-	*	-
Brunswick (NC).....	-	-	-	-	1,268,407	-	-	-	-
Cape Fear (NC).....	188,590	745	-	-	-	-	78	3	-
Darlington County (SC).....	-	1,474	17,221	-	-	-	-	6	264
Harris (NC).....	-	-	-	-	587,765	-	-	-	-
Lee (NC).....	196,225	1,385	-	-	-	-	87	3	-
Marshall (NC).....	-	-	-	821	-	-	-	-	-
Mayo (NC).....	448,613	976	-	-	-	-	169	2	-
Morehead (NC).....	-	-	-	-	-	-	-	-	-
Richmond (NC).....	-	128	373,855	-	-	-	-	*	3,220
Robinson, H B (SC).....	101,882	21	41	-	515,778	-	39	*	1
Rowan (NC).....	-	-	-	-	-	-	-	-	-
Roxboro (NC).....	1,537,870	904	-	-	-	-	616	2	-
Sutton (NC).....	294,981	844	-	-	-	-	128	2	-
Tillery (NC).....	-	-	-	4,581	-	-	-	-	-
Walters (NC).....	-	-	-	12,889	-	-	-	-	-
Wayne County (NC).....	-	10,791	23,743	-	-	-	-	21	270
Weatherspoon (NC).....	90,144	150	-	-	-	-	42	1	-
Cedar Falls (City of)	14,848	-	453	-	-	290	7	-	7
Cedar Falls Gt (IA).....	14,848	-	303	-	-	-	7	-	4
IDWGP (IA).....	-	-	-	-	-	290	-	-	-
Streeter (IA).....	-	-	150	-	-	-	-	-	3
Cent NE Pub Pwr & Ir Dist	-	-	-	47,543	-	-	-	-	-
Jeffrey Canyon (NE).....	-	-	-	12,442	-	-	-	-	-
Johnson No 1 (NE).....	-	-	-	6,975	-	-	-	-	-
Johnson No 2 (NE).....	-	-	-	8,113	-	-	-	-	-
Kingsley (NE).....	-	-	-	20,013	-	-	-	-	-
Central Elec Pwr Coop	44,931	-	-	-	-	-	30	-	-
Chamois (MO).....	44,931	-	-	-	-	-	30	-	-
Central Hudson Gas & Elec	-	1,248	2,816	5,192	-	-	-	3	41
Coxsackie (NY).....	-	-	2,816	-	-	-	-	-	41
Dashville (NY).....	-	-	-	185	-	-	-	-	-
High Falls (NY).....	-	-	-	5	-	-	-	-	-
Neversink (NY).....	-	-	-	4,434	-	-	-	-	-
South Cairo (NY).....	-	1,248	-	-	-	-	-	3	-
Sturgeon Pool (NY).....	-	-	-	568	-	-	-	-	-
Central Illinois Light Co.	573,568	1,020	5,230	-	-	-	272	1	30
Duck Creek (IL).....	212,541	136	-	-	-	-	102	*	-
E D Edwards (IL).....	361,027	884	-	-	-	-	170	1	-
Pekin Cogen (IL).....	-	-	5,174	-	-	-	-	-	29
Sterling Avenue (IL).....	-	-	56	-	-	-	-	-	1
Central Illinois Public Service Co.	-	-	-	-	-	-	-	-	-
Coffeen (IL).....	-	-	-	-	-	-	-	-	-
Grand Tower (IL).....	-	-	-	-	-	-	-	-	-
Hutsonville (IL).....	-	-	-	-	-	-	-	-	-
Meredosia (IL).....	-	-	-	-	-	-	-	-	-
Newton (IL).....	-	-	-	-	-	-	-	-	-
Central Iowa Power Coop.	35,128	3	8,592	-	-	-	18	-	113
Fair Station (IA).....	35,128	-	-	-	-	-	18	-	-
Summit Lake (IA).....	-	3	8,592	-	-	-	-	*	113
Central Louisiana Elec Co.	744,622	-	255,944	-	-	-	556	-	2,835
Dolet Hills (LA).....	460,396	-	370	-	-	-	376	-	4
Franklin (LA).....	-	-	-	-	-	-	-	-	-
Rodemacher (LA).....	284,226	-	139,564	-	-	-	180	-	1,477
Teche (LA).....	-	-	116,010	-	-	-	-	-	1,355
Central Operating Co.	496,311	3,386	-	-	-	-	204	5	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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).....	496,311	3,386	-	-	-	-	204	5	-
Chelan Pub Util Dist #1	-	-	-	966,922	-	-	-	-	-
Chelan (WA).....	-	-	-	40,248	-	-	-	-	-
Rock Island (WA).....	-	-	-	266,382	-	-	-	-	-
Rocky Reach (WA).....	-	-	-	660,292	-	-	-	-	-
Chillicothe (City of)	-	14	481	-	-	-	-	-	8
Chillicothe (MO).....	-	14	481	-	-	-	-	*	8
Chugach Elec Assn Inc	-	-	170,070	44,089	-	-	-	-	2,162
Beluga (AK).....	-	-	142,242	-	-	-	-	-	1,787
Bernice Lake (AK).....	-	-	1,313	-	-	-	-	-	62
Bradley Lake (AK).....	-	-	-	39,738	-	-	-	-	-
Cooper Lake (AK).....	-	-	-	4,351	-	-	-	-	-
International (AK).....	-	-	303	-	-	-	-	-	7
Soldotna (AK).....	-	-	26,212	-	-	-	-	-	306
Cincinnati Gas Elec Co	2,477,853	13,392	27,042	-	-	-	1,050	22	419
Beckjord, Walter C (OH).....	583,822	6,751	-	-	-	-	267	12	-
Dicks Creek (OH).....	-	-	-	-	-	-	-	-	-
East Bend (KY).....	324,646	2,584	-	-	-	-	144	4	-
Miami Fort (OH).....	714,499	3,289	-	-	-	-	302	5	-
W. H. Zimmer (OH).....	854,886	761	-	-	-	-	337	1	-
Woodsdale (OH).....	-	7	27,042	-	-	-	-	*	419
Clarksdale (City of)	-	-	3,618	-	-	-	-	-	43
South (MS).....	-	-	877	-	-	-	-	-	11
Third St (MS).....	-	-	2,741	-	-	-	-	-	32
Cleveland (City of)	-	2	373	-	-	-	-	-	6
Collinwood (OH).....	-	1	96	-	-	-	-	*	2
Lake Road (OH).....	-	-	-	-	-	-	-	-	-
West 41st Street (OH).....	-	1	277	-	-	-	-	*	4
Cleveland Elec Illum Co	780,919	1,831	-	-19,436	909,817	-	395	4	-
Ashtabula (OH).....	126,502	398	-	-	-	-	84	1	-
Eastlake (OH).....	571,021	1,335	-	-	-	-	260	4	-
Lake Shore (OH).....	83,396	98	-	-	-	-	52	*	-
Perry (OH).....	-	-	-	-	909,817	-	-	-	-
Seneca (PA).....	-	-	-	-19,436	-	-	-	-	-
Coffeyville (City of)	-	-	14,934	-	-	-	-	-	188
Coffeyville (KS).....	-	-	14,934	-	-	-	-	-	188
Colorado Springs (City of)	298,087	29	29,198	13,841	-	-	167	-	455
Drake, Martin (CO).....	147,263	-	4,265	-	-	-	77	-	44
George Birdsall (CO).....	-	-	20,794	-	-	-	-	-	354
Manitou (CO).....	-	-	-	1,553	-	-	-	-	-
Ray D. Nixon (CO).....	150,824	29	4,139	-	-	-	90	*	57
Ruxton (CO).....	-	-	-	553	-	-	-	-	-
Tesla (CO).....	-	-	-	11,735	-	-	-	-	-
Columbia (City of)	12,723	-	-	-	-	-	8	-	-
Columbia (MO).....	12,723	-	-	-	-	-	8	-	-
Columbus Southern Pwr Co	1,070,126	466	-	-	-	-	456	1	-
Conesville (OH).....	1,026,024	450	-	-	-	-	434	1	-
Picway (OH).....	44,102	16	-	-	-	-	23	*	-
Consol Edison Co N Y Inc	-	25,757	139,066	-	-	-	-	52	1,628
59Th Street (NY).....	-	649	-	-	-	-	-	2	-
74Th Street (NY).....	-	-13	-	-	-	-	-	-	-
Buchanan (NY).....	-	-	-	-	-	-	-	-	-
East River (NY).....	-	23,878	94,917	-	-	-	-	46	1,114
Hudson Avenue (NY).....	-	1,243	-	-	-	-	-	4	-
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, July 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).....	-	-	44,149	-	-	-	-	-	514
Consumers Power Co	1,861,861	87,881	124,927	-95,259	582,568	-	916	188	1,698
Alcona (MI).....	-	-	-	1,639	-	-	-	-	-
Allegan Dam (MI).....	-	-	-	807	-	-	-	-	-
Campbell, J H (MI).....	947,203	1,912	-	-	-	-	453	3	-
Cobb, B C (MI).....	204,922	-	20,322	-	-	-	107	-	278
Cooke (MI).....	-	-	-	1,539	-	-	-	-	-
Croton (MI).....	-	-	-	1,935	-	-	-	-	-
Five Channels (MI).....	-	-	-	1,479	-	-	-	-	-
Foote (MI).....	-	-	-	1,879	-	-	-	-	-
Gaylord (MI).....	-	-	2,635	-	-	-	-	-	47
Hardy (MI).....	-	-	-	4,287	-	-	-	-	-
Hodenpvl (MI).....	-	-	-	2,264	-	-	-	-	-
Karn, D E (MI).....	287,775	85,579	98,937	-	-	-	141	184	1,326
Loud (MI).....	-	-	-	1,115	-	-	-	-	-
Ludington (MI).....	-	-	-	-118,949	-	-	-	-	-
Mio (MI).....	-	-	-	872	-	-	-	-	-
Morrow, B E (MI).....	-	-	131	-	-	-	-	-	2
Palisades (MI).....	-	-	-	-	582,568	-	-	-	-
Rogers (MI).....	-	-	-	1,406	-	-	-	-	-
Straits (MI).....	-	-	751	-	-	-	-	-	14
Thetford (MI).....	-	-	1,049	-	-	-	-	-	19
Tippy, C W (MI).....	-	-	-	4,094	-	-	-	-	-
Weadock, J C (MI).....	204,800	61	1,102	-	-	-	102	*	11
Webber (MI).....	-	-	-	374	-	-	-	-	-
Whiting, J R (MI).....	217,161	329	-	-	-	-	113	1	-
Cooperative Power Asso	734,364	576	-	-	-	-	659	1	-
Bonifacius (MN).....	-	95	-	-	-	-	-	*	-
Coal Creek (ND).....	734,364	481	-	-	-	-	659	1	-
Corn Belt Power Coop	8,995	-	45	-	-	-	5	-	-
Wisdom, Earl F (IA).....	8,995	-	45	-	-	-	5	-	*
Dairyland Power Coop	486,828	378	2,827	5,123	-	-	284	-	36
Alma (WI).....	80,978	73	-	-	-	-	47	*	-
Elk Mound (WI).....	-	-	2,827	-	-	-	-	-	36
Flambeau (WI).....	-	-	-	5,123	-	-	-	-	-
Genoa (WI).....	198,838	224	-	-	-	-	95	*	-
J P Madgett (WI).....	207,012	81	-	-	-	-	141	*	-
Dayton Pwr & Lgt Co (The)	1,845,093	4,094	11,211	-	-	-	792	6	137
Frank M Tait (OH).....	-	8	9,232	-	-	-	-	*	118
Hutchings (OH).....	142,042	-	1,874	-	-	-	68	-	18
Killen Station (OH).....	426,577	452	-	-	-	-	174	1	-
Monument (OH).....	-	9	-	-	-	-	-	*	-
Sidney (OH).....	-	11	-	-	-	-	-	*	-
Stuart, J M (OH).....	1,276,474	3,614	-	-	-	-	551	5	-
Yankee Street (OH).....	-	-	105	-	-	-	-	-	2
Denton (City of)	-	-	5,176	1,221	-	-	-	-	74
Lewisdale (TX).....	-	-	-	890	-	-	-	-	-
Roberts (TX).....	-	-	-	331	-	-	-	-	-
Spencer (TX).....	-	-	5,176	-	-	-	-	-	74
Deseret Gen & Trans Coop	334,736	102	-	-	-	-	182	-	-
Bonanza (UT).....	334,736	102	-	-	-	-	182	*	-
Detroit (City of)	-	1,372	18,162	-	-	-	-	8	240
Mistersky (MI).....	-	1,372	18,162	-	-	-	-	8	240
Detroit Edison Co (The)	3,983,074	71,776	176,643	-	808,970	-	1,947	186	2,586
Beacon Heating (MI).....	-	-	-803	-	-	-	-	-	-
Belle River (MI).....	762,578	2,342	28,647	-	-	-	427	4	412
Central Storage (MI).....	-	-	-	-	-	-	-	-	-
Collfax (MI).....	-	43	-	-	-	-	-	*	-
Conners Creek (MI).....	-	56	15,210	-	-	-	-	*	283
Dayton (MI).....	-	-6	-	-	-	-	-	*	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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) (Continued)	-	-	-	-	-	-	-	-	-
Delray (MI)	-	-	-	-	-	-	-	-	-
Enrico Fermi (MI)	-	84	-	-	808,970	-	-	*	-
Greenwood (MI)	-	59,548	113,975	-	-	-	-	166	1,216
Hancock (MI)	-	-	3,275	-	-	-	-	-	29
Harbor Beach (MI)	26,660	212	-	-	-	-	12	*	-
Marysville (MI)	-4	-	-4	-	-	-	-	-	-
Monroe (MI)	1,891,854	2,035	-	-	-	-	854	3	-
Northeast (MI)	-	484	632	-	-	-	-	1	8
Oliver (MI)	-	48	-	-	-	-	-	*	-
Placid (MI)	-	-5	-	-	-	-	-	*	-
Putnam (MI)	-	41	-	-	-	-	-	*	-
River Rouge (MI)	279,146	-	12,679	-	-	-	121	-	612
Slocum (MI)	-	-9	-	-	-	-	-	*	-
St. Clair (MI)	575,443	6,332	3,032	-	-	-	310	11	27
Superior (MI)	-	96	-	-	-	-	-	*	-
Trenton Channel (MI)	447,397	305	-	-	-	-	221	1	-
Wilmott (MI)	-	170	-	-	-	-	-	*	-
Douglas Pub Util Dist #1	-	-	-	475,299	-	-	-	-	-
Wells (WA)	-	-	-	475,299	-	-	-	-	-
Dover (City of)	7,600	-	320	-	-	-	5	-	4
Dover (OH)	7,600	-	320	-	-	-	5	-	4
Dover Electric Dept.	-	25,204	6,725	-	-	-	-	38	111
Mckee Run (DE)	-	24,769	4,556	-	-	-	-	37	81
Van Sant (DE)	-	435	2,169	-	-	-	-	1	30
Duke Power Co.	4,455,061	6,275	13,162	-30,247	5,258,464	-	1,715	15	176
99 Islands (SC)	-	-	-	350	-	-	-	-	-
Allen (NC)	647,905	718	-	-	-	-	258	1	-
Bad Creek (SC)	-	-	-	-65,660	-	-	-	-	-
Bear Creek (NC)	-	-	-	1,109	-	-	-	-	-
Belews Creek (NC)	1,563,357	688	-	-	-	-	578	1	-
Bridgewater (NC)	-	-	-	2,711	-	-	-	-	-
Bryson (NC)	-	-	-	280	-	-	-	-	-
Buck (NC)	111,710	-3	-13	-	-	-	54	2	*
Buzzard Roost (SC)	-	-	-53	391	-	-	-	-	1
Catawba (SC)	-	-	-	-	1,708,874	-	-	-	-
Cedar Cliff (NC)	-	-	-	763	-	-	-	-	-
Cedar Creek (SC)	-	-	-	3,977	-	-	-	-	-
Cliffside (NC)	323,174	903	-	-	-	-	131	1	-
Cowans Ford (NC)	-	-	-	7,607	-	-	-	-	-
Dan River (NC)	50,815	-	-33	-	-	-	22	-	*
Dearborn (SC)	-	-	-	5,391	-	-	-	-	-
Dillsboro (NC)	-	-	-	59	-	-	-	-	-
Fishing Creek (SC)	-	-	-	4,531	-	-	-	-	-
Franklin (NC)	-	-	-	26	-	-	-	-	-
Gaston Shoals (SC)	-	-	-	-	-	-	-	-	-
Great Falls (SC)	-	-	-	88	-	-	-	-	-
Jocassee (SC)	-	-	-	-46,820	-	-	-	-	-
Keowee (SC)	-	-	-	-105	-	-	-	-	-
Lee (SC)	154,138	-32	-	-	-	-	70	2	-
Lincoln (NC)	-	3,341	13,365	-	-	-	-	8	174
Lookout Shoals (NC)	-	-	-	2,686	-	-	-	-	-
Marshall (NC)	1,360,242	660	-	-	-	-	495	1	-
Mc Guire (NC)	-	-	-	-	1,653,989	-	-	-	-
Mission (NC)	-	-	-	35	-	-	-	-	-
Mountain Island (NC)	-	-	-	4,527	-	-	-	-	-
Nantahala (NC)	-	-	-	25,788	-	-	-	-	-
Oconee (SC)	-	-	-	-	1,895,601	-	-	-	-
Oxford (NC)	-	-	-	3,113	-	-	-	-	-
Queens Creek (NC)	-	-	-	99	-	-	-	-	-
Rhodhiss (NC)	-	-	-	2,069	-	-	-	-	-
Riverbend (NC)	243,720	-	-104	-	-	-	107	-	-
Rocky Creek (SC)	-	-	-	59	-	-	-	-	-
Tennessee Creek (NC)	-	-	-	1,226	-	-	-	-	-
Thorpe (NC)	-	-	-	4,470	-	-	-	-	-
Tuckasegee (NC)	-	-	-	355	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)	-	-	-	681	-	-	-	-	-
Tuxedo (NC).....	-	-	-	5,634	-	-	-	-	-
Wateree (SC).....	-	-	-	4,313	-	-	-	-	-
Wylie (SC).....	-	-	-	-	-	-	-	-	-
East Kentucky Power Coop	866,542	370	59,736	-	-	-	370	-	787
Cooper (KY).....	208,547	72	-	-	-	-	85	*	-
Dale (KY).....	108,104	226	-	-	-	-	51	*	-
Smith (KY).....	-	1	59,736	-	-	-	-	*	787
Spurlock, H L (KY).....	549,891	71	-	-	-	-	233	*	-
El Paso Electric Co	-	-	276,825	-	-	-	-	-	3,103
Copper (TX).....	-	-	4,045	-	-	-	-	-	47
Newman (TX).....	-	-	173,019	-	-	-	-	-	1,923
Rio Grande (NM).....	-	-	99,761	-	-	-	-	-	1,133
Electric Energy Inc	733,463	-	463	-	-	-	438	-	5
Joppa Steam (IL).....	733,463	-	463	-	-	-	438	-	5
Empire District Elec Co	172,256	27	185,222	171	-	-	108	-	2,188
Asbury (MO).....	130,516	27	-	-	-	-	79	*	-
Energy Center (MO).....	-	-	4,289	-	-	-	-	-	74
Ozark Beach (MO).....	-	-	-	171	-	-	-	-	-
Riverton (KS).....	41,740	-	4,880	-	-	-	29	-	90
State Line (MO).....	-	-	176,053	-	-	-	-	-	2,024
Energy Northwest	-	-	-	13,997	694,707	-	-	-	-
Packwood (WA).....	-	-	-	13,997	-	-	-	-	-
WNP-2 (WA).....	-	-	-	-	694,707	-	-	-	-
Eugene (City of)	-	-	-	22,300	-	-	-	-	-
Carmen (OR).....	-	-	-	17,187	-	-	-	-	-
Leaburg (OR).....	-	-	-	5,113	-	-	-	-	-
Walterville (OR).....	-	-	-	-	-	-	-	-	-
Willamette (OR).....	-	-	-	-	-	-	-	-	-
Fayetteville (City of)	-	9	35,871	-	-	-	-	-	558
Pod #2 (NC).....	-	9	35,871	-	-	-	-	*	558
Florida Power & Light Co	-	1,547,745	3,608,03	-	2,339,218	-	-	2,474	29,954
Cape Canaveral (FL).....	-	136,232	121,790	-	-	-	-	211	1,228
Cutler (FL).....	-	-	30,824	-	-	-	-	-	468
Fort Meyers (FL).....	-	1,922	895,982	-	-	-	-	5	6,377
Lauderdale (FL).....	-	286	534,259	-	-	-	-	1	4,351
Manatee (FL).....	-	525,315	-	-	-	-	-	863	-
Martin (FL).....	-	293,504	869,194	-	-	-	-	455	7,228
Port Everglades (FL).....	-	299,495	91,906	-	-	-	-	480	1,019
Putnam (FL).....	-	-	190,244	-	-	-	-	-	1,897
Riviera (FL).....	-	121,577	131,103	-	-	-	-	192	1,219
Sanford (FL).....	-	59,758	571,200	-	-	-	-	98	4,477
St. Lucie (FL).....	-	-	-	-	1,226,180	-	-	-	-
Turkey Point (FL).....	-	109,656	171,531	-	1,113,038	-	-	169	1,689
Florida Power Corporation	486,670	730,762	631,876	-	622,390	-	191	1,209	5,655
Anclote (FL).....	-	402,718	5,781	-	-	-	-	630	67
Avon Park (FL).....	-	732	3,320	-	-	-	-	2	52
Bartow, P L (FL).....	-	221,738	9,268	-	-	-	-	357	154
Bayboro (FL).....	-	9,790	-	-	-	-	-	23	-
Crystal River (FL).....	486,670	4,081	-	-	622,390	-	191	7	-
Debary (FL).....	-	15,838	43,586	-	-	-	-	41	573
Higgins (FL).....	-	-	9,048	-	-	-	-	-	145
Hines Energy (FL).....	-	-	286,441	-	-	-	-	-	2,075
Intercession City (FL).....	-	7,927	86,941	-	-	-	-	18	1,032
Port St. Joe (FL).....	-	-	-	-	-	-	-	-	-
Rio Pinar (FL).....	-	1,290	-	-	-	-	-	4	-
Suwannee River (FL).....	-	60,262	25,296	-	-	-	-	111	303
Tiger Bay (FL).....	-	-	128,747	-	-	-	-	-	936
Turner, G E (FL).....	-	6,386	-	-	-	-	-	17	-
Univ Proj (FL).....	-	-	33,448	-	-	-	-	-	319

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)
Fort Pierce (City of)	-	6	4,393	-	-	-	-	-	68
King (FL).....	-	6	4,393	-	-	-	-	*	68
Fremont (City of)	51,879	-	1,346	-	-	-	35	-	16
Lon Wright (NE).....	51,879	-	1,346	-	-	-	35	-	16
Gainesville (City of)	122,524	4,938	58,647	-	-	-	51	9	703
Deerhaven (FL).....	122,524	4,558	32,044	-	-	-	51	8	379
Kelly, J R (FL).....	-	380	26,603	-	-	-	-	1	324
Garland Mun Utils (City)	-	-	111,855	-	-	-	-	-	1,350
Newman, C E (TX).....	-	-	1,076	-	-	-	-	-	16
Olinger, Ray (TX).....	-	-	110,779	-	-	-	-	-	1,334
Georgia Power Co.	7,271,072	20,093	121,869	22,883	3,009,081	-	3,087	45	1,254
Arkwright (GA).....	17,343	-17	26,190	-	-	-	11	-	313
Atkinson (GA).....	-	-	-55	-	-	-	-	-	*
Barnett Shoals (GA).....	-	-	-	174	-	-	-	-	-
Bartlett Ferry (GA).....	-	-	-	12,687	-	-	-	-	-
Bowen (GA).....	2,091,233	1,443	-	-	-	-	836	2	-
Burton (GA).....	-	-	-	660	-	-	-	-	-
Dahlberg ((GA).....	-	32	37,572	-	-	-	-	*	465
Estatoah (GA).....	-	-	-	35	-	-	-	-	-
Flint River (GA).....	-	-	-	1,329	-	-	-	-	-
Goat Rock (GA).....	-	-	-	6,490	-	-	-	-	-
Hammond (GA).....	452,338	399	-	-	-	-	183	1	-
Harlee Branch (GA).....	912,822	404	-	-	-	-	365	1	-
Hatch, Edwin I. (GA).....	-	-	-	-	1,281,149	-	-	-	-
Langdale (GA).....	-	-	-	144	-	-	-	-	-
Lloyd Shoals (GA).....	-	-	-	1,807	-	-	-	-	-
Mcdonough, J (GA).....	276,800	544	21,468	-	-	-	109	1	167
Mcmanus (GA).....	-	13,882	-	-	-	-	-	35	-
Mitchell, W (GA).....	61,051	229	-	-	-	-	26	*	-
Morgan Falls (GA).....	-	-	-	1,502	-	-	-	-	-
Nacoochee (GA).....	-	-	-	405	-	-	-	-	-
North Highlands (GA).....	-	-	-	3,952	-	-	-	-	-
Oliver Dam (GA).....	-	-	-	6,480	-	-	-	-	-
Riverview (GA).....	-	-	-	28	-	-	-	-	-
Robins (GA).....	-	-	385	-	-	-	-	-	6
Scherer (GA).....	1,923,118	576	-	-	-	-	960	1	-
Sinclair Dam (GA).....	-	-	-	162	-	-	-	-	-
Tallulah Falls (GA).....	-	-	-	2,178	-	-	-	-	-
Terrora (GA).....	-	-	-	1,091	-	-	-	-	-
Tugalo (GA).....	-	-	-	2,425	-	-	-	-	-
Vogtle (GA).....	-	-	-	-	1,727,932	-	-	-	-
Wallace Dam (GA).....	-	-	-	-19,333	-	-	-	-	-
Wansley (GA).....	1,087,755	1,857	-	-	-	-	407	3	-
Wilson (GA).....	-	30	-	-	-	-	-	1	-
Yates (GA).....	448,612	714	36,309	-	-	-	191	1	304
Yonah (GA).....	-	-	-	667	-	-	-	-	-
Glendale (City of)	-	-	15,040	-	-	5,766	-	-	202
Grayson (CA).....	-	-	15,040	-	-	5,766	-	-	202
Golden Valley Elec Assn	17,454	33,843	-	-	-	-	17	66	-
Fairbanks (AK).....	-	16	-	-	-	-	-	*	-
Healy (AK).....	17,454	50	-	-	-	-	17	*	-
North Pole (AK).....	-	33,777	-	-	-	-	-	66	-
Grand Haven (City of)	27,379	129	236	-	-	-	10	-	2
Harbor Avenue (MI).....	-	129	236	-	-	-	-	*	2
J B Simms (MI).....	27,379	-	-	-	-	-	10	-	-
Grand Island (City of)	60,227	18	13,074	-	-	-	37	-	163
Burdick, C W (NE).....	-	-	13,074	-	-	-	-	-	163
Platte (NE).....	60,227	18	-	-	-	-	37	*	-
Grand River Dam Authority	634,599	-	499	18,570	-	-	414	-	6
GRDA No 1 (OK).....	634,599	-	499	-	-	-	414	-	6
Markham (OK).....	-	-	-	10,719	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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 River Dam Authority (Continued)	-	-	-	25,153	-	-	-	-	-
Pensacola (OK)	-	-	-	-17,302	-	-	-	-	-
Grant Pub Util Dist #2	-	-	-	796,212	-	-	-	-	-
Pec Hdwks (WA)	-	-	-	3,691	-	-	-	-	-
Priest Rapids (WA)	-	-	-	320,478	-	-	-	-	-
Quincy Chut (WA)	-	-	-	1,830	-	-	-	-	-
Wanapum (WA)	-	-	-	470,213	-	-	-	-	-
Green Mountain Power Corp	-	426	-	9,160	-	825	-	1	-
Berlin (VT)	-	353	-	-	-	-	-	1	-
Bolton Falls (VT)	-	-	-	2,263	-	-	-	-	-
Colchester (VT)	-	-	-	-	-	-	-	-	-
Essex Junction 19 (VT)	-	10	-	3,253	-	-	-	*	-
Gorge 18 (VT)	-	-	-	881	-	-	-	-	-
Marshfield 6 (VT)	-	-	-	591	-	-	-	-	-
Middlesex 2 (VT)	-	-	-	1,176	-	-	-	-	-
Searsburg (VT)	-	-	-	-	-	825	-	-	-
Vergennes 9 (VT)	-	63	-	136	-	-	-	*	-
Waterbury 22 (VT)	-	-	-	508	-	-	-	-	-
West Danville 15 (VT)	-	-	-	352	-	-	-	-	-
Gulf Power Company	691,642	1,010	253,884	-	-	-	317	2	1,875
Crist (FL)	481,647	356	11,507	-	-	-	223	1	130
Scholz (FL)	35,504	7	-	-	-	-	18	*	-
Smith (FL)	174,491	647	242,377	-	-	-	76	1	1,745
Gulf States Utilities Co	368,335	497	1,645,37	16,607	676,429	-	223	1	17,726
Lewis Creek (TX)	-	-	255,037	-	-	-	-	-	2,609
Louisiana 1 (LA)	-	-	-	-	-	-	-	-	-
Nelson, R S (LA)	368,335	491	198,822	-	-	-	223	1	2,367
River Bend (LA)	-	-	-	-	676,429	-	-	-	-
Sabine (TX)	-	6	778,289	-	-	-	-	*	8,014
Toledo Bend (TX)	-	-	-	16,607	-	-	-	-	-
Willow Glen (LA)	-	-	413,227	-	-	-	-	-	4,736
Hamilton (City of)	39,485	5	481	32,095	-	-	21	-	8
Hamilton (OH)	39,485	5	481	-	-	-	21	*	8
Hamilton Hydro (OH)	-	-	-	439	-	-	-	-	-
Vanceburg Hydro (KY)	-	-	-	31,656	-	-	-	-	-
Hastings (City of)	52,106	-	1,952	-	-	-	33	-	33
Don Henry (NE)	-	-	982	-	-	-	-	-	19
North Denver (NE)	-	-	970	-	-	-	-	-	14
Whelan (NE)	52,106	-	-	-	-	-	33	-	-
Hawaii Electric Light Co	-	34,515	-	1,626	-	197	-	75	-
Kanoelehua (HI)	-	199	-	-	-	-	-	*	-
Keahole (HI)	-	3,831	-	-	-	-	-	9	-
Lalamilo (HI)	-	-	-	-	-	197	-	-	-
Puma (HI)	-	9,953	-	-	-	-	-	21	-
Pueo (HI)	-	-	-	1,632	-	-	-	-	-
Shipman (HI)	-	423	-	-	-	-	-	2	-
W. H. Hill (HI)	-	19,310	-	-	-	-	-	42	-
Waiiau (HI)	-	-	-	-6	-	-	-	-	-
Waimea (HI)	-	799	-	-	-	-	-	2	-
Hawaiian Elec Co Inc	-	385,008	-	-	-	-	-	642	-
Honolulu (HI)	-	14,446	-	-	-	-	-	31	-
Kahe (HI)	-	236,020	-	-	-	-	-	379	-
Oil Storage (CA)	-	-	-	-	-	-	-	-	-
Waiiau (HI)	-	134,542	-	-	-	-	-	232	-
Hetch Hetchy Water & Pwr	-	-	-	105,685	-	-	-	-	-
Holm, Dion R (CA)	-	-	-	34,190	-	-	-	-	-
Kirkwood, Robert C (CA)	-	-	-	38,248	-	-	-	-	-
Moccasin (CA)	-	-	-	33,190	-	-	-	-	-
Moccasin Low (CA)	-	-	-	57	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)
Holland (City of)	28,287	150	26,332	-	-	-	15	-	290
48 Street (MI).....	-	150	26,280	-	-	-	-	*	290
6Th Street (MI).....	-	-	-	-	-	-	-	-	-
James De Young (MI).....	28,287	-	52	-	-	-	15	-	1
Homestead (City of)	-	291	5,526	-	-	-	-	1	57
G W Ivey (FL).....	-	291	5,526	-	-	-	-	1	57
Hoosier Energy Rural	725,789	1,536	-	-	-	-	338	2	-
Merom (IN).....	631,226	1,242	-	-	-	-	294	2	-
Ratts (IN).....	94,563	294	-	-	-	-	44	*	-
Hutchinson (City of)	-	107	20,139	-	-	-	-	-	180
Plant No. 1 (MN).....	-	106	791	-	-	-	-	*	9
Plant No. 2 (MN).....	-	1	19,348	-	-	-	-	*	171
Idaho Power Co	-	14	19,035	427,137	-	-	-	-	226
American Falls (ID).....	-	-	-	45,758	-	-	-	-	-
Bliss (ID).....	-	-	-	22,885	-	-	-	-	-
Brownlee (ID).....	-	-	-	118,501	-	-	-	-	-
Cascade (ID).....	-	-	-	7,745	-	-	-	-	-
Clear Lake (ID).....	-	-	-	1,227	-	-	-	-	-
Hells Canyon (OR).....	-	-	-	97,911	-	-	-	-	-
Lower Malad (ID).....	-	-	-	9,016	-	-	-	-	-
Lower Salmon (ID).....	-	-	-	13,945	-	-	-	-	-
Milner (ID).....	-	-	-	195	-	-	-	-	-
Mountain Home (ID).....	-	-	19,035	-	-	-	-	-	226
Oxbow (OR).....	-	-	-	49,839	-	-	-	-	-
Salmon (ID).....	-	14	-	-	-	-	-	*	-
Shoshone Falls (ID).....	-	-	-	6,103	-	-	-	-	-
Strike, C J (ID).....	-	-	-	22,848	-	-	-	-	-
Swan Falls (ID).....	-	-	-	7,940	-	-	-	-	-
Thousand Springs (ID).....	-	-	-	4,434	-	-	-	-	-
Twin Falls (ID).....	-	-	-	1,074	-	-	-	-	-
Upper Malad (ID).....	-	-	-	5,062	-	-	-	-	-
Upper Salmon (ID).....	-	-	-	6,605	-	-	-	-	-
Upper Salmon (ID).....	-	-	-	6,049	-	-	-	-	-
IES Utilities Co.	710,110	1,793	34,216	575	420,340	4,365	502	4	553
6Th Street (IA).....	17,569	-	4,369	-	-	922	25	-	116
Agency GT (IA).....	-	-	1,206	-	-	-	-	-	22
Ames (IA).....	-	-	-	-	-	-	-	-	-
Anamosa (IA).....	-	-	-	550	-	-	-	-	-
Arnold, Duane (IA).....	-	-	-	-	420,340	-	-	-	-
Burlington (IA).....	119,415	-	2,064	-	-	-	77	-	37
Centerville (IA).....	-	96	-	-	-	-	-	*	-
Grinnell (IA).....	-	-	69	-	-	-	-	-	2
Iowa Falls (IA).....	-	-	-	25	-	-	-	-	-
Maquoketa (IA).....	-	-	-	-	-	-	-	-	-
Marshalltown (IA).....	-	1,665	-	-	-	-	-	4	-
Ottumwa (IA).....	416,901	-	-	-	-	-	265	-	-
Prairie Creek (IA).....	93,894	32	3,614	-	-	3,443	90	*	61
Red Cedar (IA).....	-	-	12,614	-	-	-	-	-	178
Sutherland (IA).....	62,331	-	10,280	-	-	-	45	-	137
Imperial Irrigation Dist.	-	20	74,604	31,778	-	-	-	-	989
Brawley (CA).....	-	18	-	-	-	-	-	*	-
Coachella (CA).....	-	2	181	-	-	-	-	*	3
Double Weir (CA).....	-	-	-	-	-	-	-	-	-
Drop 2 (CA).....	-	-	-	6,575	-	-	-	-	-
Drop 3 (CA).....	-	-	-	6,369	-	-	-	-	-
Drop 4 (CA).....	-	-	-	13,388	-	-	-	-	-
Drop No 1 (CA).....	-	-	-	1,856	-	-	-	-	-
Drop No. 5 (CA).....	-	-	-	2,042	-	-	-	-	-
E Highline (CA).....	-	-	-	454	-	-	-	-	-
El Centro (CA).....	-	-	74,096	-	-	-	-	-	981
Pilot Knob (CA).....	-	-	-	900	-	-	-	-	-
Rockwood (CA).....	-	-	327	-	-	-	-	-	5
Turnip (CA).....	-	-	-	194	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)
Independence (City of)	51,307	547	5,871	-	-	-	31	1	78
Blue Valley (MO).....	42,253	-	5,478	-	-	-	26	-	72
Jackson Square (MO).....	-	35	-	-	-	-	-	*	-
Missouri City (MO).....	9,054	59	-	-	-	-	5	*	-
Station H (MO).....	-	-	393	-	-	-	-	-	7
Station I (MO).....	-	453	-	-	-	-	-	1	-
Indiana Michigan Power Co.	2,183,118	2,228	-	6,644	1,354,047	-	1,155	4	-
Berrien Springs (MI).....	-	-	-	2,031	-	-	-	-	-
Buchanan (MI).....	-	-	-	1,236	-	-	-	-	-
Constantine (MI).....	-	-	-	268	-	-	-	-	-
Cook, Donald C. (MI).....	-	-	-	-	1,354,047	-	-	-	-
Elkhart (IN).....	-	-	-	994	-	-	-	-	-
Fourth Street (IN).....	-	-	-	-	-	-	-	-	-
Mottville (MI).....	-	-	-	330	-	-	-	-	-
Rockport (IN).....	1,708,252	970	-	-	-	-	950	2	-
Tanners Creek (IN).....	474,866	1,258	-	-	-	-	205	2	-
Twin Branch (IN).....	-	-	-	1,785	-	-	-	-	-
Indiana Mun Power Agency	-	164	1,932	-	-	-	-	-	22
Anderson (IN).....	-	164	1,932	-	-	-	-	*	22
Indiana-Kentucky El Corp	713,738	240	-	-	-	-	385	-	-
Clifty Creek (IN).....	713,738	240	-	-	-	-	385	*	-
Indianapolis Pwr & Lgt Co	1,490,938	1,449	39,112	-	-	-	682	3	411
Georgetown (IA).....	-	-	7,231	-	-	-	-	-	92
Petersburg (IN).....	1,044,344	869	-	-	-	-	496	2	-
Pritchard, H T (IN).....	143,828	111	-	-	-	-	76	*	-
Stout, Elmer W (IN).....	302,766	469	31,881	-	-	-	109	2	319
International Bound & Water Comm	-	-	-	7,285	-	-	-	-	-
Amistad (TX).....	-	-	-	5,769	-	-	-	-	-
Falcon (TX).....	-	-	-	1,516	-	-	-	-	-
Interstate Power Co.	246,089	558	28,813	-	-	-	165	2	368
Dubuque (IA).....	36,858	-2	46	-	-	-	22	*	1
Fox Lake (MN).....	-	-10	26,612	-	-	-	-	-	342
Hills (MN).....	-	-5	-	-	-	-	-	*	-
Kapp, M L (IA).....	82,659	-	2,155	-	-	-	55	-	25
Lansing (IA).....	126,572	262	-	-	-	-	89	1	-
Lime Creek (IA).....	-	283	-	-	-	-	-	1	-
Montgomery (MN).....	-	30	-	-	-	-	-	*	-
New Albin (IA).....	-	-	-	-	-	-	-	-	-
Jacksonville (City of)	707,752	344,620	198,031	-	-	3,613	291	276	1,979
Brandy Branch (FL).....	-	945	66,504	-	-	-	-	2	747
Girvin Road (FL).....	-	-	-	-	-	822	-	-	-
Kennedy, J D (FL).....	-	394	31,831	-	-	-	-	1	345
Northside (FL).....	-	142,191	99,696	-	-	2,791	-	213	888
Southside (FL).....	-	-	-	-	-	-	-	-	-
St. Johns River (FL).....	707,752	201,090	-	-	-	-	291	60	-
Jamestown (City of)	15,789	32	16,096	-	-	-	9	-	168
Carlson, S A (NY).....	15,789	32	16,096	-	-	-	9	*	168
Jersey Central Power&Light Co.	-	1	8,568	-14,432	-	-	-	-	119
Forked River (NJ).....	-	1	8,568	-	-	-	-	*	119
Yards Creek (NJ).....	-	-	-	-14,432	-	-	-	-	-
Kansas City (City of)	242,189	824	5,975	-	-	-	167	3	90
Kaw (KS).....	-	5	2,823	-	-	-	-	*	49
Nearman Creek (KS).....	141,271	210	-	-	-	-	101	1	-
Quindaro (KS).....	100,918	609	3,152	-	-	-	65	2	41
Kansas City Pwr & Lgt Co	1,893,803	6,330	120,887	-	-	-	1,150	15	1,168
Grand Ave (MO).....	-	-	-	-	-	-	-	-	-
Hawthorn (MO).....	357,872	-	120,887	-	-	-	218	-	1,168
Iatan (MO).....	477,710	111	-	-	-	-	273	*	-
La Cvgne (KS).....	886,867	1,191	-	-	-	-	545	2	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)
Kansas City Pwr & Lgt Co (Continued)									
Montrose (MO)	171,354	100	-	-	-	-	114	*	-
Northeast (MO)	-	4,928	-	-	-	-	-	13	-
Kauai Electric Company		34,661						61	
Port Allen (HI)	-	34,661	-	-	-	-	-	61	-
Kentucky Power Co	679,714	763					277	1	
Big Sandy (KY)	679,714	763	-	-	-	-	277	1	-
Kentucky Utilities Co	1,551,962	5,496	69,822	-5			736	9	912
Brown, E W (KY)	404,919	43	69,777	-	-	-	176	*	908
Dix Dam (KY)	-	-	-	-4	-	-	-	-	-
Ghent (KY)	1,013,147	3,890	-	-	-	-	482	6	-
Green River (KY)	99,791	1,349	-	-	-	-	60	3	-
Haefling (KY)	-	-	45	-	-	-	-	-	3
Lock 7 (KY)	-	-	-	-1	-	-	-	-	-
Pineville (KY)	-	-	-	-	-	-	-	-	-
Tyrone (KY)	34,105	214	-	-	-	-	18	*	-
Key West (City of)		4,369						9	
Big Pine (FL)	-	62	-	-	-	-	-	*	-
Cudjoe (FL)	-	238	-	-	-	-	-	*	-
Key West (FL)	-	1,691	-	-	-	-	-	5	-
Stock Island (FL)	-	82	-	-	-	-	-	*	-
Stock Island D 1 (FL)	-	2,296	-	-	-	-	-	4	-
KeySpan Energy		726,291	900,599					1,300	9,647
Barrett, E F (NY)	-	2,758	240,317	-	-	-	-	5	2,687
Brookhaven (NY)	-	54,479	-	-	-	-	-	116	-
East Hampton (NY)	-	8,179	-	-	-	-	-	18	-
Far Rockway (NY)	-	-	52,506	-	-	-	-	-	586
Glenwood (NY)	-	16,262	101,934	-	-	-	-	39	1,130
Holbrook (NY)	-	63,628	-	-	-	-	-	158	-
Montauk (NY)	-	1,387	-	-	-	-	-	3	-
Northport (NY)	-	439,995	440,448	-	-	-	-	719	4,557
Port Jefferson (NY)	-	127,009	65,394	-	-	-	-	211	687
Shoreham (NY)	-	5,303	-	-	-	-	-	12	-
Southampton (NY)	-	581	-	-	-	-	-	1	-
Southold (NY)	-	2,191	-	-	-	-	-	8	-
West Babylon (NY)	-	4,519	-	-	-	-	-	11	-
KG&E - Western Resources		10,236	237,890					18	2,635
Evans, Gordon (KS)	-	-	200,358	-	-	-	-	-	2,198
Gill, Murray (KS)	-	10,236	37,630	-	-	-	-	18	437
Neosho (KS)	-	-	-98	-	-	-	-	-	-
Kings River Conserv Dist				67,752					
Pine Flat (CA)	-	-	-	67,752	-	-	-	-	-
Kissimmee (City of)		4	90,895						1,694
Cane Island (FL)	-	-	86,100	-	-	-	-	-	1,622
Kissimmee (FL)	-	4	4,795	-	-	-	-	*	72
KPL - Western Resources	1,893,129	56	47,571				1,220		600
Abilene (KS)	-	-	3,447	-	-	-	-	-	70
Hutchinson (KS)	-	-56	43,799	-	-	-	-	-	526
Jeffrey (KS)	1,404,954	112	-	-	-	-	913	*	-
Lawrence (KS)	353,389	-	-	-	-	-	220	-	-
Tecumseh (KS)	134,786	-	325	-	-	-	87	-	4
Lafayette Util Sys (City)			49,871						538
Doc Bonin (LA)	-	-	49,871	-	-	-	-	-	538
Rodemacher (LA)	-	-	-	-	-	-	-	-	-
Lake Worth (City of)		505	18,114					1	208
Smith, Tom G (FL)	-	505	18,114	-	-	-	-	1	208
Lakeland (City of)	76,516	2,656	127,946				47	5	1,302
Larsen Memorial (FL)	-	1,234	40,372	-	-	-	-	2	441

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)
Lakeland (City of) (Continued)									
Mcintosh, C D (FL).....	76,516	1,422	87,574	-	-	-	47	3	861
Lansing (City of)	250,187	-	-	-	-	-	150	-	-
Eckert Station (MI).....	157,524	-	-	-	-	-	112	-	-
Erickson (MI).....	92,663	-	-	-	-	-	38	-	-
Moores Park (MI).....	-	-	-	-	-	-	-	-	-
Lincoln (City of)	-	73	12,664	-	-	162	-	-	167
Lincoln J Street (NE).....	-	-	207	-	-	-	-	-	3
Rokeby (NE).....	-	73	12,457	-	-	-	-	*	164
Salt Valley (NE).....	-	-	-	-	-	162	-	-	-
Logansport (City of)	19,119	-	86	-	-	-	12	-	2
Logansport (IN).....	19,119	-	86	-	-	-	12	-	2
Los Angeles (City of)	1,197,877	712	573,490	93,520	-	-	492	1	6,093
Big Pine Creek (CA).....	-	-	-	2,239	-	-	-	-	-
Castaic (CA).....	-	-	-	30,173	-	-	-	-	-
Control Gorge (CA).....	-	-	-	14,111	-	-	-	-	-
Cottonwood (CA).....	-	-	-	255	-	-	-	-	-
Division Creek (CA).....	-	-	-	336	-	-	-	-	-
Foothill (CA).....	-	-	-	2,082	-	-	-	-	-
Franklin Canyon (CA).....	-	-	-	-1	-	-	-	-	-
Haiwee (CA).....	-	-	-	2,454	-	-	-	-	-
Harbor (CA).....	-	-	55,882	-	-	-	-	-	522
Haynes (CA).....	-	-	320,211	-	-	-	-	-	3,429
Intermountain (UT).....	1,197,877	712	-	-	-	-	492	1	-
Middle Gorge (CA).....	-	-	-	14,305	-	-	-	-	-
Pleasant Valley (CA).....	-	-	-	1,147	-	-	-	-	-
San Fernando (CA).....	-	-	-	4,120	-	-	-	-	-
San Francisquito 1 (CA).....	-	-	-	-68	-	-	-	-	-
San Francisquito 2 (CA).....	-	-	-	8,630	-	-	-	-	-
Sawtelle (CA).....	-	-	-	-	-	-	-	-	-
Scattergood (CA).....	-	-	182,321	-	-	-	-	-	1,926
Upper Gorge (CA).....	-	-	-	13,737	-	-	-	-	-
Valley (CA).....	-	-	15,076	-	-	-	-	-	216
Louisiana Pwr & Light Co.	-	51	1,252,28	-	808,278	-	-	-	13,568
Buras (LA).....	-	-	214	-	-	-	-	-	6
Little Gypsy (LA).....	-	-	269,849	-	-	-	-	-	2,313
Monroe (LA).....	-	-	-364	-	-	-	-	-	-
Nine Mile Point (LA).....	-	51	644,391	-	-	-	-	*	8,470
Sterlington (LA).....	-	-	122,494	-	-	-	-	-	1,283
Waterford (LA).....	-	-	-	-	808,278	-	-	-	-
Waterford (LA).....	-	-	215,700	-	-	-	-	-	1,497
Louisville Gas & Elec Co	1,300,244	994	57,444	30,493	-	-	604	2	587
Cane Run (KY).....	174,511	9	2,095	-	-	-	82	*	20
Mill Creek (KY).....	940,111	-	3,375	-	-	-	428	-	30
Ohio Falls (KY).....	-	-	-	30,493	-	-	-	-	-
Paddys Run (KY).....	-	-	16,691	-	-	-	-	-	173
Trimble County (KY).....	185,622	985	35,223	-	-	-	94	2	362
Waterside (KY).....	-	-	10	-	-	-	-	-	*
Zorn (KY).....	-	-	50	-	-	-	-	-	1
Lower Colorado River Auth	1,055,306	603	209,812	102,392	-	-	642	1	2,164
Austin (TX).....	-	-	-	3,180	-	-	-	-	-
Buchanan (TX).....	-	-	-	18,473	-	-	-	-	-
Granite Shoals (TX).....	-	-	-	12,659	-	-	-	-	-
Inks (TX).....	-	-	-	6,381	-	-	-	-	-
Mansfield (TX).....	-	-	-	50,700	-	-	-	-	-
Marble Falls (TX).....	-	-	-	10,999	-	-	-	-	-
Sam Seymour (TX).....	1,055,306	603	-	-	-	-	642	1	-
Sim Gideon (TX).....	-	-	120,590	-	-	-	-	-	1,219
T. C. Ferguson (TX).....	-	-	89,222	-	-	-	-	-	945
Lubbock (City of)	-	-	54,771	-	-	-	-	-	546
Cooke (TX).....	-	-	15,038	-	-	-	-	-	182
LP&L Co GEN.....	-	-	13,749	-	-	-	-	-	145

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)
Lubbock (City of) (Continued)									
Massengale (TX)	-	-	25,984	-	-	-	-	-	220
Madison Gas & Elec Co	40,328	-	20,015	-	-	2,298	26	-	297
Blount Street (WI)	40,328	-	10,678	-	-	1,328	26	-	165
Fitchburg (WI)	-	-	802	-	-	-	-	-	14
Marinette (WI)	-	-	7,762	-	-	-	-	-	101
Nine Springs (WI)	-	-	-15	-	-	-	-	-	-
Sycamore (WI)	-	-	788	-	-	-	-	-	17
Wind Energy (WI)	-	-	-	-	-	970	-	-	-
Manitowoc (City of)	18,246	12,092	1,086	-	-	-	11	5	12
Custer St (WI)	-	-	364	-	-	-	-	-	5
Manitowoc (WI)	18,246	12,092	722	-	-	-	11	5	7
Marquette (City of)	25,600	55	-	2,482	-	-	17	-	-
Plant Four (MI)	-	-	-	-	-	-	-	-	-
Plant Two (MI)	-	-	-	2,023	-	-	-	-	-
Russell, Frank J (MI)	-	-	-	459	-	-	-	-	-
Shiras (MI)	25,600	55	-	-	-	-	17	*	-
Marshall (City of)	6,101	114	1,210	-	-	-	4	-	17
Marshall (MO)	6,101	114	1,210	-	-	-	4	*	17
Mass Mun Wholesale Elec	-	3,541	-	-	-	-	-	8	-
Stonybrook (MA)	-	3,541	-	-	-	-	-	8	-
Maui Electric Co Ltd	-	101,368	-	-	-	-	-	176	-
Cook (HI)	-	3,292	-	-	-	-	-	5	-
Kahului (HI)	-	20,332	-	-	-	-	-	45	-
Maalaea (HI)	-	75,247	-	-	-	-	-	122	-
Miki Basin (HI)	-	2,497	-	-	-	-	-	4	-
McPherson (City of)	-	96	6,112	-	-	-	-	-	83
McPherson 3 (KS)	-	-	3,709	-	-	-	-	-	50
Plant No. 2 (KS)	-	96	2,403	-	-	-	-	*	33
Medina Electric Coop Inc	-	-	4,475	-	-	-	-	-	65
Pearsall (TX)	-	-	4,475	-	-	-	-	-	65
Merced Irrigation Dist	-	-	-	43,357	-	-	-	-	-
Canal Creek (CA)	-	-	-	367	-	-	-	-	-
Exchequer (CA)	-	-	-	36,284	-	-	-	-	-
Fairfield (CA)	-	-	-	404	-	-	-	-	-
Mcswain (CA)	-	-	-	4,926	-	-	-	-	-
Parker (CA)	-	-	-	1,376	-	-	-	-	-
Michigan So Cent Pwr Agen	27,465	3,473	-	-	-	-	15	1	-
Endicott (MI)	27,465	3,473	-	-	-	-	15	1	-
MidAmerican Energy	2,050,644	428	29,326	1,632	-	-	1,240	1	453
Coralville (IA)	-	-	-2	-	-	-	-	-	1
Council Bluffs (IA)	564,308	181	352	-	-	-	342	*	4
Electrifarm (IA)	-	-	13,990	-	-	-	-	-	216
George Neal South (IA)	400,447	191	-	-	-	-	241	*	-
Louisa (IA)	456,443	1	131	-	-	-	276	*	1
Moline (IL)	-	-	65	1,632	-	-	-	-	2
Neal, George (IA)	561,916	-	1,061	-	-	-	336	-	11
Parr (IA)	-	-	456	-	-	-	-	-	7
Pleasant Hill (IA)	-	55	-	-	-	-	-	1	-
River Hills (IA)	-	-	1,356	-	-	-	-	-	25
Riverside (IA)	67,530	-	2,228	-	-	-	45	-	26
Sycamore (IA)	-	-	9,689	-	-	-	-	-	161
Minnesota Power Inc	712,132	484	-	62,528	-	-	435	1	-
Blanchard (MN)	-	-	-	7,697	-	-	-	-	-
Boswell (MN)	655,107	400	-	-	-	-	396	1	-
Fond Du Lac (MN)	-	-	-	7,253	-	-	-	-	-
Hibbard, M L (MN)	-	-	-	-	-	-	-	-	-
Knife Falls (MN)	-	-	-	888	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)
Minnesota Power Inc (Continued)									
Laskin (MN)	57,025	84	-	-	-	-	39	*	-
Little Falls (MN).....	-	-	-	2,911	-	-	-	-	-
Pillager (MN).....	-	-	-	1,072	-	-	-	-	-
Prairie River (MN).....	-	-	-	409	-	-	-	-	-
Scanlon (MN)	-	-	-	919	-	-	-	-	-
Sylvan (MN)	-	-	-	1,144	-	-	-	-	-
Thompson (MN).....	-	-	-	38,464	-	-	-	-	-
Winton (MN).....	-	-	-	1,771	-	-	-	-	-
Minnkota Power Coop Inc	442,561	1,450	-	-	-	-	390	2	-
Young, Milton R (ND)	442,561	1,450	-	-	-	-	390	2	-
Mississippi Power Co	1,447,712	1,784	817,452	-	-	-	633	2	11,011
Daniel, Victor J Jr. (MS)	1,025,160	1,784	643,670	-	-	-	450	2	7,422
Eaton (MS).....	-	-	14,594	-	-	-	-	-	207
Standard Oil (MS)	-	-	99,223	-	-	-	-	-	2,481
Sweatt (MS).....	-	-	13,614	-	-	-	-	-	191
Watson (MS).....	422,552	-	46,351	-	-	-	183	-	710
Mississippi Pwr & Lgt Co	-	-	798,996	-	-	-	-	-	8,815
Andrus (MS).....	-	-	299,825	-	-	-	-	-	3,050
Brown, Rex (MS).....	-	-	65,335	-	-	-	-	-	863
Delta (MS).....	-	-	47,087	-	-	-	-	-	641
Wilson, B (MS).....	-	-	386,749	-	-	-	-	-	4,260
Missouri Basin Mun Pwr Agency	-	169	-	-	-	-	-	1	-
Watertown (SD).....	-	169	-	-	-	-	-	1	-
Modesto Irrigation Dist	-	617	11,160	1,365	-	-	-	2	123
McClure (CA).....	-	617	2,390	-	-	-	-	2	37
New Hogan (CA).....	-	-	-	1,195	-	-	-	-	-
Stone Drop (CA).....	-	-	-	170	-	-	-	-	-
Woodland (CA)	-	-	8,770	-	-	-	-	-	86
Monongahela Power Co	327,593	414	190	-	-	2,334	148	-	2
Albright (WV).....	148,665	168	-	-	-	-	66	*	-
Rivesville (WV).....	45,387	246	-	-	-	-	25	*	-
Willow Island (WV).....	133,541	-	190	-	-	2,334	58	-	2
Montana Dakota Utils Co	61,577	-	1,751	-	-	-	59	-	28
Glendive (MT).....	-	-	1,292	-	-	-	-	-	20
Heskett (ND).....	36,714	-	7	-	-	-	34	-	*
Lewis & Clark (MT).....	24,863	-	7	-	-	-	25	-	*
Miles City (MT).....	-	-	445	-	-	-	-	-	8
Williston (ND).....	-	-	-	-	-	-	-	-	-
Morgan (City of)	-	-	7,369	-	-	-	-	-	105
Morgan City (LA).....	-	-	7,369	-	-	-	-	-	105
Muscatine (City of)	129,592	16	1,515	-	-	-	104	-	20
Muscatine (IA).....	129,592	16	1,515	-	-	-	104	*	20
Nebraska Pub Power Dist	1,067,579	1,521	32,756	18,687	547,998	-	654	2	393
Canaday (NE).....	-	-	30,064	-	-	-	-	-	358
Columbus (NE).....	-	-	-	2,367	-	-	-	-	-
Cooper (NE).....	-	-	-	-	547,998	-	-	-	-
David City (NE).....	-	217	141	-	-	-	-	*	2
Gentleman (NE).....	924,040	-	296	-	-	-	562	-	3
Hallam (NE).....	-	-	1,965	-	-	-	-	-	27
Hebron (NE).....	-	654	-	-	-	-	-	2	-
Kearney (NE).....	-	-	-	50	-	-	-	-	-
Lodgepole (NE).....	-	-	-	-	-	-	-	-	-
Lyons (NE).....	-	8	-	-	-	-	-	*	-
Madison (NE).....	-	70	85	-	-	-	-	*	1
Mc Cook (NE).....	-	34	-	-	-	-	-	*	-
Minnehadzuza (NE).....	-	-	-	-	-	-	-	-	-
Monroe (NE).....	-	-	-	685	-	-	-	-	-
North Platte (NE).....	-	-	-	14,862	-	-	-	-	-
Ord (NE).....	-	430	85	-	-	-	-	1	1

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)									
Sheldon (NE).....	143,539	-	7	-	-	-	93	-	*
Spencer (NE).....	-	-	-	723	-	-	-	-	-
Sutherland (NE).....	-	96	-	-	-	-	-	*	-
Wakefield (NE).....	-	12	113	-	-	-	-	*	1
Nevada Irrigation Dist.				34,817					
Bowman (CA).....	-	-	-	361	-	-	-	-	-
Chicago Park (CA).....	-	-	-	12,766	-	-	-	-	-
Combie No (CA).....	-	-	-	72	-	-	-	-	-
Combie So (CA).....	-	-	-	-	-	-	-	-	-
Dutch Flat No.2 (CA).....	-	-	-	15,034	-	-	-	-	-
Rollins (CA).....	-	-	-	6,013	-	-	-	-	-
Scott Flat (CA).....	-	-	-	571	-	-	-	-	-
Nevada Power Co.	359,709	1,040	408,430				167	2	3,865
Clark (NV).....	-	-	366,075	-	-	-	-	-	3,381
Gardner, Reid (NV).....	359,709	1,040	-	-	-	-	167	2	-
Sun Peak (NV).....	-	-	-	-	-	-	-	-	-
Sunrise (NV).....	-	-	42,355	-	-	-	-	-	483
New Orleans Pub Serv Inc.		23	356,891						4,048
Michoud (LA).....	-	-	324,910	-	-	-	-	-	3,606
Paterson, A B (LA).....	-	23	31,981	-	-	-	-	*	443
New Ulm (City of)		195	1,897					1	40
New Ulm (MN).....	-	195	1,897	-	-	-	-	1	40
North Atlantic Energy Corp.					860,831				
Seabrook (NH).....	-	-	-	-	860,831	-	-	-	-
Northern Ind Pub Serv Co.	1,328,757	33,893	4,684	2,055			716	14	54
Bailey (IN).....	261,151	-	1,238	-	-	-	124	-	14
Michigan City (IN).....	263,433	-	601	-	-	-	148	-	6
Mitchell, Dean H (IN).....	-	-	-	-	-	-	-	-	-
Norway (IN).....	-	-	-	1,097	-	-	-	-	-
Oakdale (IN).....	-	-	-	958	-	-	-	-	-
Schahfer, R. M. (IN).....	804,173	33,893	2,845	-	-	-	443	14	34
Northern States Power Co.	3,140,180	67,668	191,509	86,619	1,188,736	39,926	1,275	40	2,046
Angus Anson (SD).....	-	-	26,600	-	-	-	-	-	354
Apple River (WI).....	-	-	-	1,354	-	-	-	-	-
Bay Front (WI).....	8,878	-	1,033	-	-	11,715	6	-	15
Big Falls (WI).....	-	-	-	3,656	-	-	-	-	-
Black Dog (MN).....	119,643	-	107,491	-	-	-	83	-	832
Blue Lake (MN).....	-	1,016	-	-	-	-	-	6	-
Cedar Falls (WI).....	-	-	-	3,182	-	-	-	-	-
Chippewa Falls (WI).....	-	-	-	6,420	-	-	-	-	-
Cornell (WI).....	-	-	-	7,043	-	-	-	-	-
Dells (WI).....	-	-	-	4,470	-	-	-	-	-
Flambeau (WI).....	-	-	246	-	-	-	-	-	5
French Island (WI).....	-	2,623	205	-	-	4,250	-	7	2
Granite City (MN).....	-	1	704	-	-	-	-	*	14
Hayward (WI).....	-	-	-	128	-	-	-	-	-
Hennepin Island (MN).....	-	-	-	6,918	-	-	-	-	-
High Bridge (MN).....	130,659	-	667	-	-	-	76	-	7
Holcombe (WI).....	-	-	-	8,019	-	-	-	-	-
Inver Hills (MN).....	-	-	33,944	-	-	-	-	-	495
Jim Falls (WI).....	-	-	-	11,265	-	-	-	-	-
Key City (MN).....	-	-	3,711	-	-	-	-	-	67
King (MN).....	301,606	43,210	136	-	-	-	172	15	1
Ladysmith (WI).....	-	-	-	1,063	-	-	-	-	-
Menomonie (WI).....	-	-	-	2,149	-	-	-	-	-
Minnesota Valley (MN).....	-	-	-58	-	-	-	-	-	-
Monticello (MN).....	-	-	-	-	421,673	-	-	-	-
Pathfinder (SD).....	-	-	-144	-	-	-	-	-	-
Prairie Island (MN).....	-	-	-	-	767,063	-	-	-	-
Redwing (MN).....	-	-	145	-	-	11,330	-	-	3
Riverdale (WI).....	-	-	-	293	-	-	-	-	-
Riverside (MN).....	204,581	18,639	200	-	-	-	124	7	2

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)									
Saxon Falls (MI).....	-	-	-	1,155	-	-	-	-	-
Sherburne County (MN).....	2,374,813	999	-	-	-	-	813	2	-
St Croix Falls (WI).....	-	-	-	14,720	-	-	-	-	-
Superior Falls (MI).....	-	-	-	1,342	-	-	-	-	-
Thornapple (WI).....	-	-	-	763	-	-	-	-	-
Trego (WI).....	-	-	-	-	-	-	-	-	-
West Faribault (MN).....	-	-	455	-	-	-	-	-	7
Wheaton (WI).....	-	1,180	16,073	-	-	-	-	3	239
White River (WI).....	-	-	-	360	-	-	-	-	-
Wilmarth (MN).....	-	-	101	-	-	12,631	-	-	2
Wissota (WI).....	-	-	-	12,319	-	-	-	-	-
Northwestern Pub Serv Co	-	200	-	-	-	-	-	-	-
Aberdeen (SD).....	-	105	-	-	-	-	-	*	-
Clark (SD).....	-	-	-	-	-	-	-	-	-
Faulton (SD).....	-	-	-	-	-	-	-	-	-
Highmore (SD).....	-	42	-	-	-	-	-	*	-
Huron (SD).....	-	-	-	-	-	-	-	-	-
Mobile (SD).....	-	-	-	-	-	-	-	-	-
Redfield (SD).....	-	37	-	-	-	-	-	*	-
Webster (SD).....	-	-14	-	-	-	-	-	*	-
Yankton New (SD).....	-	30	-	-	-	-	-	*	-
Oakdale South San Joaquin	-	-	-	43,342	-	-	-	-	-
Beardsley (CA).....	-	-	-	7,300	-	-	-	-	-
Donnels (CA).....	-	-	-	22,977	-	-	-	-	-
Tulloch (CA).....	-	-	-	13,065	-	-	-	-	-
Oglethorpe Power Corp	-	-	119,726	-51,742	-	-	-	-	1,388
Rocky Mountain (GA).....	-	-	-	-51,742	-	-	-	-	-
Sewell Creek Energy (GA).....	-	-	14,415	-	-	-	-	-	168
Smarr Energy (GA).....	-	-	49,068	-	-	-	-	-	576
Talbot (GA).....	-	-	56,243	-	-	-	-	-	644
Tallassee (GA).....	-	-	-	-	-	-	-	-	-
Ohio Edison Co	1,684,059	5,922	97,042	-	-	-	697	12	1,176
Burger, R E (OH).....	222,278	146	-	-	-	-	103	*	-
Edgewater (OH).....	-	835	24,740	-	-	-	-	3	273
Mad River (OH).....	-	438	-	-	-	-	-	1	-
Sammis (OH).....	1,461,781	498	-	-	-	-	595	1	-
West Lorain (OH).....	-	4,005	72,302	-	-	-	-	7	902
Ohio Power Co	3,612,510	6,507	-	16,680	-	-	1,463	9	-
Gavin, Gen J M (OH).....	1,733,294	473	-	-	-	-	722	1	-
Kammer (WV).....	328,366	517	-	-	-	-	126	1	-
Mitchell (WV).....	892,805	3,373	-	-	-	-	350	5	-
Muskingum River (OH).....	658,045	2,144	-	-	-	-	265	3	-
Racine (OH).....	-	-	-	16,680	-	-	-	-	-
Ohio Valley Elec Corp	651,582	424	-	-	-	-	261	1	-
Kyger Creek (OH).....	651,582	424	-	-	-	-	261	1	-
Oklahoma Gas & Elec Co	1,643,116	236	869,336	-	-	-	979	-	9,417
Conoco (OK).....	-	-	7,969	-	-	-	-	-	78
Enid (OK).....	-	-	-	-	-	-	-	-	-
Horseshoe Lake (OK).....	-	-	213,843	-	-	-	-	-	2,403
Muskogee (OK).....	942,937	-	64,161	-	-	-	576	-	671
Mustang (OK).....	-	-	150,364	-	-	-	-	-	1,560
Seminole (OK).....	-	-	432,999	-	-	-	-	-	4,705
Sooner (OK).....	700,179	236	-	-	-	-	403	*	-
Woodward (OK).....	-	-	-	-	-	-	-	-	-
Oklahoma Mun Power Authority	-	-	14,602	9,239	-	-	-	-	118
Kaw Hydro (OK).....	-	-	-	9,239	-	-	-	-	-
Ponca Steam (OK).....	-	-	-	-	-	-	-	-	-
Ponca Steam (OK).....	-	-	14,602	-	-	-	-	-	118
Omaha Public Power Dist	761,775	430	36,398	-	349,814	-	452	1	449
Fort Calhoun (NE).....	-	-	-	-	349,814	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)
Omaha Public Power Dist (Continued)									
Jones Street (NE).....	-	373	-	-	-	-	-	1	-
Nebraska City (NE).....	441,369	-	-	-	-	-	252	-	-
North Omaha (NE).....	320,406	-	5,102	-	-	-	200	-	55
Sarpy (NE).....	-	57	31,296	-	-	-	-	*	394
Orlando (City of)	581,621	558	5,327	-	-	9,249	228	1	72
Indian River (FL).....	-	52	4,585	-	-	-	-	*	64
St Cloud (FL).....	-	91	742	-	-	-	-	*	8
Stanton (FL).....	581,621	415	-	-	-	9,249	228	1	-
Oroville Wyanotte I Dist	-	-	-	47,589	-	-	-	-	-
Forbestown (CA).....	-	-	-	12,805	-	-	-	-	-
Kelly Ridge (CA).....	-	-	-	7,915	-	-	-	-	-
Sly Creek (CA).....	-	-	-	3,602	-	-	-	-	-
Woodleaf (CA).....	-	-	-	23,267	-	-	-	-	-
Orrville (City of)	24,003	-	54	-	-	-	15	-	1
Orrville (OH).....	24,003	-	54	-	-	-	15	-	1
Otter Tail Power Co	637,864	1,010	-	2,120	-	-	447	2	-
Bemidji (MN).....	-	-	-	-	-	-	-	-	-
Big Stone (SD).....	299,544	38	-	-	-	-	184	*	-
Coyote (ND).....	266,651	316	-	-	-	-	218	1	-
Dayton Hollow (MN).....	-	-	-	742	-	-	-	-	-
Hoot Lake (MN).....	71,669	34	-	134	-	-	45	*	-
Jamestown (ND).....	-	536	-	-	-	-	-	2	-
Lake Preston (SD).....	-	86	-	-	-	-	-	*	-
Pisgah (MN).....	-	-	-	552	-	-	-	-	-
Taplin Gorge (MN).....	-	-	-	388	-	-	-	-	-
Wright (MN).....	-	-	-	304	-	-	-	-	-
Owensboro (City of)	260,070	186	-	-	-	-	135	-	-
Elmer Smith (KY).....	260,070	186	-	-	-	-	135	*	-
Pacific Gas & Electric Co	-	261	44,151	728,921	1,602,027	-	-	-	640
Alta (CA).....	-	-	-	809	-	-	-	-	-
Balch 1 (CA).....	-	-	-	13,756	-	-	-	-	-
Balch 2 (CA).....	-	-	-	52,393	-	-	-	-	-
Belden (CA).....	-	-	-	18,246	-	-	-	-	-
Black, James B (CA).....	-	-	-	46,682	-	-	-	-	-
Bucks Creek (CA).....	-	-	-	10,614	-	-	-	-	-
Butt Valley (CA).....	-	-	-	12,539	-	-	-	-	-
Caribou 1 (CA).....	-	-	-	16,257	-	-	-	-	-
Caribou 2 (CA).....	-	-	-	19,429	-	-	-	-	-
Centerville (CA).....	-	-	-	2,431	-	-	-	-	-
Chili Bar (CA).....	-	-	-	1,490	-	-	-	-	-
Coal Canyon (CA).....	-	-	-	-	-	-	-	-	-
Coleman (CA).....	-	-	-	4,727	-	-	-	-	-
Cow Creek (CA).....	-	-	-	261	-	-	-	-	-
Crane Valley (CA).....	-	-	-	113	-	-	-	-	-
Cresta (CA).....	-	-	-	10,542	-	-	-	-	-
De Sabla (CA).....	-	-	-	6,366	-	-	-	-	-
Deer Creek (CA).....	-	-	-	2,335	-	-	-	-	-
Diablo Canyon (CA).....	-	-	-	-	1,602,027	-	-	-	-
Downieville (CA).....	-	-	-	-	-	-	-	-	-
Drum 1 (CA).....	-	-	-	10,317	-	-	-	-	-
Drum 2 (CA).....	-	-	-	28,204	-	-	-	-	-
Dutch Flat (CA).....	-	-	-	1,941	-	-	-	-	-
Electra (CA).....	-	-	-	28,021	-	-	-	-	-
Haas (CA).....	-	-	-	62,833	-	-	-	-	-
Halsey (CA).....	-	-	-	6,366	-	-	-	-	-
Hamilton Branch (CA).....	-	-	-	277	-	-	-	-	-
Hat Creek 1 (CA).....	-	-	-	2,770	-	-	-	-	-
Hat Creek 2 (CA).....	-	-	-	3,917	-	-	-	-	-
Helms (CA).....	-	-	-	-46,876	-	-	-	-	-
Humbolt Bay (CA).....	-	185	16,397	-	-	-	-	*	259
Hunters Point (CA).....	-	76	27,754	-	-	-	-	*	381
Inskip (CA).....	-	-	-	3,143	-	-	-	-	-
Kerckhoff (CA).....	-	-	-	7	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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).....									
Kerckhoff 2 (CA).....	-	-	-	31,292	-	-	-	-	-
Kern Canyon (CA).....	-	-	-	7,725	-	-	-	-	-
Kilarc (CA).....	-	-	-	1,098	-	-	-	-	-
Kings River (CA).....	-	-	-	21,717	-	-	-	-	-
Lime Saddle (CA).....	-	-	-	685	-	-	-	-	-
Merced Falls (CA).....	-	-	-	2,083	-	-	-	-	-
Mobile Turbine (CA).....	-	-	-	-	-	-	-	-	-
Narrows (CA).....	-	-	-	-	-	-	-	-	-
Newcastle (CA).....	-	-	-	-	-	-	-	-	-
Oak Flat (CA).....	-	-	-	481	-	-	-	-	-
Phoenix (CA).....	-	-	-	1,062	-	-	-	-	-
Pit 1 (CA).....	-	-	-	20,702	-	-	-	-	-
Pit 3 (CA).....	-	-	-	24,921	-	-	-	-	-
Pit 4 (CA).....	-	-	-	31,080	-	-	-	-	-
Pit 5 (CA).....	-	-	-	54,449	-	-	-	-	-
Pit 6 (CA).....	-	-	-	22,654	-	-	-	-	-
Pit 7 (CA).....	-	-	-	30,266	-	-	-	-	-
Poe (CA).....	-	-	-	21,160	-	-	-	-	-
Potter Valley (CA).....	-	-	-	1,558	-	-	-	-	-
PVUSA 1 (CA).....	-	-	-	-	-	-	-	-	-
Rock Creek (CA).....	-	-	-	17,488	-	-	-	-	-
Salt Springs (CA).....	-	-	-	16,157	-	-	-	-	-
San Joaquin 3 (CA).....	-	-	-	488	-	-	-	-	-
San Joaquin No. 1a (CA).....	-	-	-	45	-	-	-	-	-
San Joaquin No. 2 (CA).....	-	-	-	-	-	-	-	-	-
South (CA).....	-	-	-	3,779	-	-	-	-	-
Spaulding No. 1 (CA).....	-	-	-	4,931	-	-	-	-	-
Spaulding No. 2 (CA).....	-	-	-	1,004	-	-	-	-	-
Spaulding No. 3 (CA).....	-	-	-	-	-	-	-	-	-
Spring Gap (CA).....	-	-	-	1,463	-	-	-	-	-
Stanislaus (CA).....	-	-	-	41,641	-	-	-	-	-
Tiger Creek (CA).....	-	-	-	26,876	-	-	-	-	-
Toadtown (CA).....	-	-	-	322	-	-	-	-	-
Tule River (CA).....	-	-	-	772	-	-	-	-	-
Volta (CA).....	-	-	-	3,184	-	-	-	-	-
Volta 2 (CA).....	-	-	-	371	-	-	-	-	-
West Point (CA).....	-	-	-	6,812	-	-	-	-	-
Wise (CA).....	-	-	-	9,057	-	-	-	-	-
Wishon, A G (CA).....	-	-	-	1,688	-	-	-	-	-
Pacificorp.....	3,961,302	3,716	54,860	236,471	-	14,276	2,176	6	770
American Fork (UT).....	-	-	-	608	-	-	-	-	-
Ashton (ID).....	-	-	-	4,081	-	-	-	-	-
Beaver Upper (UT).....	-	-	-	466	-	-	-	-	-
Bend (OR).....	-	-	-	484	-	-	-	-	-
Big Fork (MT).....	-	-	-	1,941	-	-	-	-	-
Blundell (UT).....	-	-	-	-	-	14,276	-	-	-
Bridger, Jim (WY).....	1,279,926	661	-	-	-	-	732	1	-
Carbon (UT).....	111,996	57	-	-	-	-	51	*	-
Clearwater 1 (OR).....	-	-	-	3,832	-	-	-	-	-
Clearwater 2 (OR).....	-	-	-	3,100	-	-	-	-	-
Cline Falls (OR).....	-	-	-	-	-	-	-	-	-
Condit (WA).....	-	-	-	7,211	-	-	-	-	-
Copco 1 (CA).....	-	-	-	4,162	-	-	-	-	-
Copco 2 (CA).....	-	-	-	5,458	-	-	-	-	-
Cove (ID).....	-	-	-	5,033	-	-	-	-	-
Cutler (UT).....	-	-	-	-10	-	-	-	-	-
Eagle Point (OR).....	-	-	-	1,664	-	-	-	-	-
East Side (OR).....	-	-	-	1,332	-	-	-	-	-
Fall Creek (CA).....	-	-	-	823	-	-	-	-	-
Fish Creek (OR).....	-	-	-	2,718	-	-	-	-	-
Ftn Green (UT).....	-	-	-	45	-	-	-	-	-
Gadsby (UT).....	-	-	52,666	-	-	-	-	-	734
Grace (ID).....	-	-	-	22,609	-	-	-	-	-
Granite (UT).....	-	-	-	614	-	-	-	-	-
Hunter (emery) (UT).....	898,079	431	-	-	-	-	419	1	-
Huntington Canyon (UT).....	540,857	1,608	-	-	-	-	243	3	-
Hydro No. 1 (UT).....	-	-	-	-	-	-	-	-	-
Hydro No. 2 (UT).....	-	-	-	14	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)									
Hydro No. 3 (UT).....	-	-	-	-	-	-	-	-	-
Iron Gate (CA).....	-	-	-	5,205	-	-	-	-	-
John C Boyle (OR).....	-	-	-	8,728	-	-	-	-	-
Johnston, Dave (WY).....	427,147	763	-	-	-	-	297	1	-
Last Chance (UT).....	-	-	-	824	-	-	-	-	-
Lemolo 1 (OR).....	-	-	-	8,795	-	-	-	-	-
Lemolo 2 (OR).....	-	-	-	5,847	-	-	-	-	-
Little Mountain (UT).....	-	-	1,591	-	-	-	-	-	30
Merwin (WA).....	-	-	-	19,604	-	-	-	-	-
Naches (WA).....	-	-	-	2,714	-	-	-	-	-
Naches Drop (WA).....	-	-	-	671	-	-	-	-	-
Naughton (WY).....	468,028	-	603	-	-	-	252	-	6
Olmstead (UT).....	-	-	-	1,408	-	-	-	-	-
Oneida (ID).....	-	-	-	7,792	-	-	-	-	-
Paris (ID).....	-	-	-	159	-	-	-	-	-
Pioneer (UT).....	-	-	-	2,285	-	-	-	-	-
Powerdale (OR).....	-	-	-	1,414	-	-	-	-	-
Prospect 1 (OR).....	-	-	-	-	-	-	-	-	-
Prospect 2 (OR).....	-	-	-	17,306	-	-	-	-	-
Prospect 3 (OR).....	-	-	-	2,462	-	-	-	-	-
Prospect 4 (OR).....	-	-	-	-	-	-	-	-	-
Skookumchuck (WA).....	-	-	-	143	-	-	-	-	-
Slide Creek (OR).....	-	-	-	5,426	-	-	-	-	-
Snake Creek (UT).....	-	-	-	281	-	-	-	-	-
Soda (ID).....	-	-	-	4,972	-	-	-	-	-
Soda Springs (OR).....	-	-	-	3,860	-	-	-	-	-
St Anthony (ID).....	-	-	-	-	-	-	-	-	-
Stairs (UT).....	-	-	-	562	-	-	-	-	-
Swift 1 (WA).....	-	-	-	30,901	-	-	-	-	-
Swift No. 2 (WA).....	-	-	-	-	-	-	-	-	-
Toketee (OR).....	-	-	-	14,975	-	-	-	-	-
Viva (WY).....	-	-	-	-7	-	-	-	-	-
Wallowa Falls (OR).....	-	-	-	600	-	-	-	-	-
Weber (UT).....	-	-	-	1,314	-	-	-	-	-
West Side (OR).....	-	-	-	291	-	-	-	-	-
Wyodak (WY).....	235,269	196	-	-	-	-	182	*	-
Yale (WA).....	-	-	-	21,754	-	-	-	-	-
Painesville (City of)	17,521	-	150	-	-	-	11	-	2
Painesville (OH).....	17,521	-	150	-	-	-	11	-	2
Pasadena (City of)	-	-	14,192	706	-	-	-	-	203
Azusa (CA).....	-	-	-	706	-	-	-	-	-
Broadway (CA).....	-	-	14,192	-	-	-	-	-	203
Glenarm (CA).....	-	-	-	-	-	-	-	-	-
Peabody (City of)	-	166	611	-	-	-	-	-	9
Waters River (MA).....	-	166	611	-	-	-	-	*	9
Pend Oreille Pub Util D#1	-	-	-	45,351	-	-	-	-	-
Box Canyon (WA).....	-	-	-	45,351	-	-	-	-	-
Calispel Creek (WA).....	-	-	-	-	-	-	-	-	-
Pennsylvania Power Co.	1,620,243	1,681	-	-	-	1,221,348	657	3	-
Beaver Valley (PA).....	-	-	-	-	-	1,221,348	-	-	-
Mansfield, Bruce (PA).....	1,620,243	1,681	-	-	-	-	657	3	-
Piqua (City of)	-	-	-	-	-	-	-	-	-
Piqua (OH).....	-	-	-	-	-	-	-	-	-
Placer County Wtr Agency	-	-	-	73,052	-	-	-	-	-
French Meadows (CA).....	-	-	-	5,466	-	-	-	-	-
Hell Hole (CA).....	-	-	-	414	-	-	-	-	-
Middle Fork (CA).....	-	-	-	39,037	-	-	-	-	-
Oxbow (CA).....	-	-	-	1,707	-	-	-	-	-
Ralston (CA).....	-	-	-	26,428	-	-	-	-	-
Platte River Power Auth	192,034	-	13,186	-	-	-	113	-	171
Medicine Bow (WY).....	-	-	-	-	-	771	-	-	-
						771			

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)
Platte River Power Auth (Continued)									
Rawhide (CO)	192,034	-	13,186	-	-	-	113	-	171
Portland General Elec Co	126,671	1,838	79,035	162,341	-	-	78	4	754
Beaver (OR)	-	-	13,200	-	-	-	-	-	261
Boardman (OR)	126,671	1,838	-	-	-	-	78	4	-
Bull Run (OR)	-	-	-	7,662	-	-	-	-	-
Coyote Springs (OR)	-	-	65,835	-	-	-	-	-	493
Faraday (OR)	-	-	-	6,268	-	-	-	-	-
North Fork (OR)	-	-	-	7,482	-	-	-	-	-
Oak Grove (OR)	-	-	-	15,500	-	-	-	-	-
Pelton (OR)	-	-	-	31,112	-	-	-	-	-
Pelton Re Regulation (OR)	-	-	-	6,109	-	-	-	-	-
Portland Hydro Proj 1 (OR)	-	-	-	2,788	-	-	-	-	-
Portland Hydro Proj 2 (OR)	-	-	-	-	-	-	-	-	-
River Mill (OR)	-	-	-	4,399	-	-	-	-	-
Round Butte (OR)	-	-	-	70,918	-	-	-	-	-
Sullivan (OR)	-	-	-	10,103	-	-	-	-	-
Power Authy of St of N Y	-	102,332	384,465	1,645,306	-	-	-	166	3,702
Ashokan (NY)	-	-	-	-	-	-	-	-	-
Blenheim (NY)	-	-	-	-55,797	-	-	-	-	-
Brentwood (NY)	-	-	18,498	-	-	-	-	-	191
Crescent (NY)	-	-	-	2,226	-	-	-	-	-
Flynn (NY)	-	-	105,440	-	-	-	-	-	823
Harlem (NY)	-	-	37,155	-	-	-	-	-	397
Hell Gate (NY)	-	-	37,329	-	-	-	-	-	389
Hinckley (NY)	-	-	-	2,212	-	-	-	-	-
Kensico (NY)	-	-	-	278	-	-	-	-	-
Lewiston (NY)	-	-	-	-35,140	-	-	-	-	-
Moses Niagara (NY)	-	-	-	1,090,518	-	-	-	-	-
Moses Power Dam (NY)	-	-	-	638,378	-	-	-	-	-
Poletti (NY)	-	102,332	154,531	-	-	-	-	166	1,567
Pouch (NY)	-	-	7,217	-	-	-	-	-	75
Vernon (NY)	-	-	24,295	-	-	-	-	-	261
Vischer Ferry (NY)	-	-	-	2,631	-	-	-	-	-
PSI Energy, Inc	3,242,228	5,448	127,819	44,773	-	-	1,536	9	1,291
Cayuga (IN)	589,622	290	2,772	-	-	-	278	1	38
Connersville (IN)	-	13	-	-	-	-	-	*	-
Edwardsport (IN)	51,532	61	-	-	-	-	35	*	-
Gallagher, R (IN)	312,911	2,134	-	-	-	-	153	4	-
Gibson (IN)	1,865,804	2,356	-	-	-	-	855	4	-
Markland (IN)	-	-	-	44,773	-	-	-	-	-
Miami Wabash (IN)	-	-	-	-	-	-	-	-	-
Noblesville (IN)	42,613	61	-	-	-	-	25	*	-
Wabash River (IN)	379,746	533	125,047	-	-	-	190	1	1,253
Pub Serv Co of New Hamp	344,346	68,725	6,856	16,298	-	-	140	131	79
Amoskeag (NH)	-	-	-	2,363	-	-	-	-	-
Ayers Island (NH)	-	-	-	1,889	-	-	-	-	-
Canaan (VT)	-	-	-	663	-	-	-	-	-
Eastman Falls (NH)	-	-	-	1,066	-	-	-	-	-
Garvins Falls (NH)	-	-	-	1,270	-	-	-	-	-
Gorham (NH)	-	-	-	622	-	-	-	-	-
Hooksett (NH)	-	-	-	99	-	-	-	-	-
Jackman (NH)	-	-	-	30	-	-	-	-	-
Lost Nation (NH)	-	95	-	-	-	-	-	*	-
Merrimack (NH)	269,842	576	-	-	-	-	103	1	-
Newington (NH)	-	66,031	6,856	-	-	-	-	125	79
Schiller (NH)	74,504	1,914	-	-	-	-	37	4	-
Smith (NH)	-	-	-	8,296	-	-	-	-	-
White Lake (NH)	-	109	-	-	-	-	-	*	-
Pub Serv Co of New Mexico	1,011,771	3,644	29,808	-	-	-	552	6	361
Las Vegas (NM)	-	-6	-	-	-	-	-	-	-
Reeves (NM)	-	-	29,808	-	-	-	-	-	361
San Juan (NM)	1,011,771	3,650	-	-	-	-	552	6	-
Public Service Co of Colo	1,767,574	268	482,892	453	-	3,163	983	1	4,079

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)
Public Service Co of Colo (Continued)									
Alamosa (CO).....	-	192	5,688	-	-	-	-	1	180
Ames (CO).....	-	-	-	426	-	-	-	-	-
Arapahoe (CO).....	121,932	-	13,335	-	-	-	79	-	174
Boulder Hydro (CO).....	-	-	-	-	-	-	-	-	-
Cabin Creek (CO).....	-	-	-	-10,939	-	-	-	-	-
Cameo (CO).....	40,589	-	869	-	-	-	26	-	13
Cherokee (CO).....	393,779	-	8,599	-	-	-	190	-	101
Comanche (CO).....	423,059	-	595	-	-	-	262	-	6
Fort Lupton (CO).....	-	-	6,279	-	-	-	-	-	87
Fort St. Vrain (CO).....	-	-	434,995	-	-	-	-	-	3,311
Fruita (CO).....	-	-	120	-	-	-	-	-	6
Georgetown Hydro (CO).....	-	-	-	750	-	-	-	-	-
Hayden (CO).....	311,853	76	216	-	-	-	152	*	2
Palisade Hydro (CO).....	-	-	-	641	-	-	-	-	-
Pawnee (CO).....	344,157	-	982	-	-	-	214	-	10
Ponnonquin (CO).....	-	-	-	-	-	3,163	-	-	-
Salida No. 1 Hydro (CO).....	-	-	-	404	-	-	-	-	-
Salida No. 2 Hydro (CO).....	-	-	-	404	-	-	-	-	-
Shoshone Hydro (CO).....	-	-	-	8,767	-	-	-	-	-
Tacoma (CO).....	-	-	-	-	-	-	-	-	-
Valmont (CO).....	132,205	-	676	-	-	-	61	-	11
Zuni (CO).....	-	-	10,538	-	-	-	-	-	178
Public Service Co of Okla	650,063	-	1,036,39	-	-	-	385	-	10,012
Comanche (OK).....	-	-	120,876	-	-	-	-	-	1,083
Northeastern (OK).....	650,063	-	408,694	-	-	-	385	-	3,579
Riverside (OK).....	-	-	329,169	-	-	-	-	-	3,336
Southwestern (OK).....	-	-	103,149	-	-	-	-	-	1,120
Tulsa (OK).....	-	-	73,483	-	-	-	-	-	886
Weleetka (OK).....	-	-	1,019	-	-	-	-	-	8
Puget Sound Pwr & Lgt Co	-	171	51,878	171,511	-	-	-	-	637
Crystal Mountain (WA).....	-	2	-	-	-	-	-	*	-
Electron (WA).....	-	-	-	8,127	-	-	-	-	-
Encogen (WA).....	-	-	45,860	-	-	-	-	-	569
Frederickson (WA).....	-	-	1,152	-	-	-	-	-	15
Fredonia (WA).....	-	169	4,866	-	-	-	-	*	52
Lower Baker (WA).....	-	-	-	56,473	-	-	-	-	-
Nooksack (WA).....	-	-	-	-	-	-	-	-	-
Snoqualmie (WA).....	-	-	-	26,501	-	-	-	-	-
South Whidbey (WA).....	-	-	-	-	-	-	-	-	-
Upper Baker (WA).....	-	-	-	51,380	-	-	-	-	-
White River (WA).....	-	-	-	29,030	-	-	-	-	-
Whitehorn (WA).....	-	-	-	-	-	-	-	-	-
Redding (City of)	-	-	27,351	956	-	-	-	-	270
Redding Power (CA).....	-	-	27,351	-	-	-	-	-	270
Whiskeytown (CA).....	-	-	-	956	-	-	-	-	-
Reliant Energy HL&P	2,745,061	-	2,130,38	-	1,804,722	-	1,774	-	23,241
Bertron, Sam (TX).....	-	-	106,870	-	-	-	-	-	1,269
Cedar Bayou (TX).....	-	-	627,666	-	-	-	-	-	6,586
Clarke, Hiram (TX).....	-	-	43	-	-	-	-	-	1
Deepwater (TX).....	-	-	10,462	-	-	-	-	-	140
Greens Bayou (TX).....	-	-	74,004	-	-	-	-	-	931
Limestone (TX).....	997,293	-	13,227	-	-	-	682	-	137
Parish, W A (TX).....	1,747,768	-	268,628	-	-	-	1,091	-	2,832
Robinson, P H (TX).....	-	-	719,380	-	-	-	-	-	7,459
San Jacinto (TX).....	-	-	111,966	-	-	-	-	-	1,377
South Texas (TX).....	-	-	-	-	1,804,722	-	-	-	-
Webster (TX).....	-	-	27,145	-	-	-	-	-	341
Wharton, T H (TX).....	-	-	170,993	-	-	-	-	-	2,169
Richmond (City of)	47,581	79	-	-	-	-	24	-	-
Whitewater Valley (IN).....	47,581	79	-	-	-	-	24	*	-
Rochester (City of)	18,467	2	1,826	1,094	-	-	9	-	23
Cascade Creek (MN).....	-	2	-	-	-	-	-	*	-
Rochester (MN).....	-	-	-	1,094	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)
Rochester (City of) (Continued)									
Silver Lake (MN).....	18,467	-	1,826	-	-	-	9	-	23
Rochester Gas & Elec Corp.	146,008	643	886	8,215	358,597	-	59	1	14
Ginna (NY).....	-	-	-	-	358,597	-	-	-	-
Station 160 (NY).....	-	-	-	-	-	-	-	-	-
Station 170 (NY).....	-	-	-	189	-	-	-	-	-
Station 2 (NY).....	-	-	-	1,425	-	-	-	-	-
Station 26 (NY).....	-	-	-	419	-	-	-	-	-
Station 3 (NY).....	-	507	-	-	-	-	-	1	-
Station 5 (NY).....	-	-	-	6,182	-	-	-	-	-
Station 7 (NY).....	146,008	136	-	-	-	-	59	*	-
Station 9 (NY).....	-	-	886	-	-	-	-	-	14
Ruston (City of)	-	-	62	-	-	-	-	-	1
Ruston (LA).....	-	-	62	-	-	-	-	-	1
Sacramento Mun Util Dist	-	-	172,725	108,530	-	921	-	-	2,020
Camino (CA).....	-	-	-	26,153	-	-	-	-	-
Camp Far W (CA).....	-	-	-	3,245	-	-	-	-	-
Campbell Soup (CA).....	-	-	71,189	-	-	-	-	-	857
Carson (CA).....	-	-	35,371	-	-	-	-	-	428
Hedge PV (CA).....	-	-	-	-	-	59	-	-	-
Jaybird (CA).....	-	-	-	39,928	-	-	-	-	-
Jones Fork (CA).....	-	-	-	505	-	-	-	-	-
Loon Lake (CA).....	-	-	-	3,820	-	-	-	-	-
McClellan (CA).....	-	-	3,647	-	-	-	-	-	48
Proc&Gamble (CA).....	-	-	62,518	-	-	-	-	-	686
Robbs Peak (CA).....	-	-	-	978	-	-	-	-	-
Slab Creek (CA).....	-	-	-	140	-	-	-	-	-
Solano (CA).....	-	-	-	-	-	515	-	-	-
Solar (CA).....	-	-	-	-	-	347	-	-	-
Union Valley (CA).....	-	-	-	10,360	-	-	-	-	-
White Rock (CA).....	-	-	-	23,401	-	-	-	-	-
Safe Harbor Water Power Corp	-	-	-	25,600	-	-	-	-	-
Safe Harbor (PA).....	-	-	-	25,600	-	-	-	-	-
Salt River Project	1,989,767	2,286	311,019	19,855	-	31	974	4	2,795
Agua Fria (AZ).....	-	-	70,813	-	-	31	-	-	824
Coronado (AZ).....	449,870	1,738	-	-	-	-	231	3	-
Crosscut (AZ).....	-	-	-	182	-	-	-	-	-
Horse Mesa (AZ).....	-	-	-	9,075	-	-	-	-	-
Kyrene (AZ).....	-	-	154,891	-	-	-	-	-	1,198
Mormon Flat (AZ).....	-	-	-	6,446	-	-	-	-	-
Navajo (AZ).....	1,539,897	548	-	-	-	-	743	1	-
Roosevelt (AZ).....	-	-	-	-22	-	-	-	-	-
San Tan (AZ).....	-	-	85,315	-	-	-	-	-	773
South Con (AZ).....	-	-	-	58	-	-	-	-	-
Stewart Mtn (AZ).....	-	-	-	4,116	-	-	-	-	-
San Antonio Pub Serv Brd.	913,826	238	425,984	-	-	-	533	-	3,804
Arthur von Rosenberg (TX).....	-	-	207,968	-	-	-	-	-	1,444
Braunig, V H (TX).....	-	-	107,416	-	-	-	-	-	1,163
Deely, J T (TX).....	511,177	226	-	-	-	-	310	*	-
J K Spruce (TX).....	402,649	-	253	-	-	-	222	-	3
Leon Creek (TX).....	-	-	-131	-	-	-	-	-	-
Mission Road (TX).....	-	-	-172	-	-	-	-	-	-
Sommers, O W (TX).....	-	12	100,472	-	-	-	-	*	1,066
Tuttle, W B (TX).....	-	-	10,178	-	-	-	-	-	128
San Miguel Elec Coop Inc.	278,065	66	-	-	-	-	310	-	-
San Miguel (TX).....	278,065	66	-	-	-	-	310	*	-
Santa Clara (City of)	-	-	5,769	5,249	-	-	-	-	85
Black Butte (CA).....	-	-	-	1,056	-	-	-	-	-
Cogen Plant (CA).....	-	-	4,923	-	-	-	-	-	73
Gianera (CA).....	-	-	846	-	-	-	-	-	12
Grizzly (CA).....	-	-	-	2,948	-	-	-	-	-
Highline (CA).....	-	-	-	245	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)
Santa Clara (City of) (Continued)									
Stony Gorge (CA).....	-	-	-	1,000	-	-	-	-	-
Savannah Elec & Pwr Co	202,388	38	80,137	-	-	-	89	-	967
Boulevard (GA).....	-	-	-	-	-	-	-	-	-
Kraft (GA).....	104,291	-	46,401	-	-	-	49	-	524
McIntosh (GA).....	98,097	38	33,736	-	-	-	40	*	443
Riverside (GA).....	-	-	-	-	-	-	-	-	-
Seattle (City of)				865,820					
Boundary (WA).....	-	-	-	490,903	-	-	-	-	-
Cedar Falls (WA).....	-	-	-	433	-	-	-	-	-
Diablo (WA).....	-	-	-	114,365	-	-	-	-	-
Gorge (WA).....	-	-	-	122,202	-	-	-	-	-
New Halem (WA).....	-	-	-	1,488	-	-	-	-	-
Ross Dam (WA).....	-	-	-	129,687	-	-	-	-	-
South Fork Tolt (WA).....	-	-	-	6,742	-	-	-	-	-
Seminole Electric Coop	780,869	70,324	176,893	-	-	-	327	24	1,954
Payne Creek (FL).....	-	-	176,893	-	-	-	-	-	1,954
Seminole (FL).....	780,869	70,324	-	-	-	-	327	24	-
Sierra Pacific Power Co	199,028	436	250,340	2,777			84	1	2,573
26 Foot Drop (NV).....	-	-	-	-	-	-	-	-	-
Battle Mt (NV).....	-	-27	-	-	-	-	-	*	-
Brunswick (NV).....	-	2	-	-	-	-	-	*	-
Elko (NV).....	-	-	-	-	-	-	-	-	-
Fallon (NV).....	-	-	-	-	-	-	-	-	-
Farad (CA).....	-	-	-	-2	-	-	-	-	-
Fleish (NV).....	-	-	-	-3	-	-	-	-	-
Fort Churchill (NV).....	-	-	97,720	-	-	-	-	-	1,006
Gabbs (NV).....	-	-24	-	-	-	-	-	*	-
Kings Beach (CA).....	-	-37	-	-	-	-	-	-	-
Lahontan (NV).....	-	-	-	-	-	-	-	-	-
North Valmy (NV).....	199,028	531	-	-	-	-	84	1	-
Pinon Pine (NV).....	-	-	-	-	-	-	-	-	-
Portola (CA).....	-	-3	-	-	-	-	-	*	-
Tracy (NV).....	-	-	152,526	-	-	-	-	-	1,564
Valley Road (NV).....	-	-7	-	-	-	-	-	*	-
Verdi (NV).....	-	-	-	1,539	-	-	-	-	-
Washoe (NV).....	-	-	-	1,243	-	-	-	-	-
Winnemucca (NV).....	-	1	94	-	-	-	-	*	3
Sikeston (City of)	152,852	402					97	1	
Coleman, E. P. (MO).....	-	-	-	-	-	-	-	-	-
Sikeston (MO).....	152,852	402	-	-	-	-	97	1	-
So Carolina Elec & Gas Co	1,656,162	2,701	239,189	-25,043	722,433		643	3	1,907
Burton (SC).....	-	4	676	-	-	-	-	*	21
Canadys (SC).....	233,384	1,504	352	-	-	-	96	2	3
Coit (SC).....	-	-	289	-	-	-	-	-	6
Columbia Hydro (SC).....	-	-	-	552	-	-	-	-	-
Cope (SC).....	301,741	16	-	-	-	-	116	*	-
Faber Place (SC).....	-	-	-	-	-	-	-	-	-
Fairfield County (SC).....	-	-	-	-37,460	-	-	-	-	-
Hagood (SC).....	-	163	8,866	-	-	-	-	*	118
Hardeeville (SC).....	-	9	-	-	-	-	-	*	-
Mcmeekin (SC).....	171,868	5	-	-	-	-	65	*	-
Neal Shoals (SC).....	-	-	-	59	-	-	-	-	-
Parr (SC).....	-	-	695	-	-	-	-	-	10
Parr Hydro (SC).....	-	-	-	991	-	-	-	-	-
Saluda Hydro (SC).....	-	-	-	6,370	-	-	-	-	-
SRS (SC).....	14,887	62	-	-	-	-	13	*	-
Stevens Creek Hydro (GA).....	-	-	-	4,445	-	-	-	-	-
Urquhart (SC).....	60,981	832	227,949	-	-	-	23	1	1,741
V. C. Summer (SC).....	-	-	-	-	722,433	-	-	-	-
Wateree (SC).....	474,756	106	-	-	-	-	179	*	-
Williams (SC).....	398,545	-	362	-	-	-	150	-	7
So Carolina Pub Serv Auth	1,748,633	20,726	348,823	17,823		1,262	694	31	2,731

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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 Pub Serv Auth (Continued).....									
Cross (SC).....	751,083	876	-	-	-	-	281	1	-
Grainger, Dolphus M (SC).....	104,617	33	-	-	-	-	47	*	-
Hilton Head (SC).....	-	380	-	-	-	-	-	2	-
Horry County (SC).....	-	-	-	-	-	1,262	-	-	-
Jefferies (SC).....	176,677	18,853	-	16,320	-	-	79	27	-
Myrtle Beach (SC).....	-	153	267	-	-	-	-	1	4
Rainey (SC).....	-	-	348,556	-	-	-	-	-	2,727
Spillway (SC).....	-	-	-	1,294	-	-	-	-	-
St Stephens (SC).....	-	-	-	209	-	-	-	-	-
Winyah (SC).....	716,256	431	-	-	-	-	287	1	-
South Miss Elec Pwr Assoc.....	261,744	99	54,297	-	-	-	113	-	649
Benndale (MS).....	-	-	-	-	-	-	-	-	-
Morrow (MS).....	261,744	81	-	-	-	-	113	*	-
Moselle (MS).....	-	-	54,297	-	-	-	-	-	649
Paulding (MS).....	-	18	-	-	-	-	-	*	-
Southern Calif Edison Co.....	1,008,294	2,805	586	353,912	1,566,047	-	472	5	5
Baker Dam (CA).....	-	-	-	-	-	-	-	-	-
Big Creek 1 (CA).....	-	-	-	33,696	-	-	-	-	-
Big Creek 2 (CA).....	-	-	-	35,880	-	-	-	-	-
Big Creek 2a (CA).....	-	-	-	50,338	-	-	-	-	-
Big Creek 3 (CA).....	-	-	-	56,705	-	-	-	-	-
Big Creek 4 (CA).....	-	-	-	28,481	-	-	-	-	-
Big Creek 8 (CA).....	-	-	-	30,057	-	-	-	-	-
Bishop Creek 2 (CA).....	-	-	-	3,163	-	-	-	-	-
Bishop Creek 3 (CA).....	-	-	-	2,838	-	-	-	-	-
Bishop Creek 4 (CA).....	-	-	-	4,293	-	-	-	-	-
Bishop Creek 5 (CA).....	-	-	-	1,230	-	-	-	-	-
Bishop Creek 6 (CA).....	-	-	-	919	-	-	-	-	-
Borel (CA).....	-	-	-	7,259	-	-	-	-	-
Dominguez Hills (CA).....	-	-	-	-	-	-	-	-	-
Eastwood (CA).....	-	-	-	33,151	-	-	-	-	-
Fontana (CA).....	-	-	-	179	-	-	-	-	-
Kaweah 1 (CA).....	-	-	-	1,111	-	-	-	-	-
Kaweah 2 (CA).....	-	-	-	975	-	-	-	-	-
Kaweah 3 (CA).....	-	-	-	1,884	-	-	-	-	-
Kern River 1 (CA).....	-	-	-	13,593	-	-	-	-	-
Kern River 3 (CA).....	-	-	-	7,798	-	-	-	-	-
Lundy (CA).....	-	-	-	1,183	-	-	-	-	-
Lytle Creek (CA).....	-	-	-	85	-	-	-	-	-
Mammoth Pool (CA).....	-	-	-	25,732	-	-	-	-	-
Mill Creek 1 (CA).....	-	-	-	136	-	-	-	-	-
Mill Creek 3 (CA).....	-	-	-	301	-	-	-	-	-
Mohave (NV).....	1,008,294	-	586	-	-	-	472	-	5
Ontario 1 (CA).....	-	-	-	135	-	-	-	-	-
Ontario 2 (CA).....	-	-	-	51	-	-	-	-	-
Pebbly Beach (CA).....	-	2,805	-	-	-	-	-	5	-
Poole (CA).....	-	-	-	3,648	-	-	-	-	-
Portal (CA).....	-	-	-	6,203	-	-	-	-	-
Rush Creek (CA).....	-	-	-	1,714	-	-	-	-	-
San Geronio (CA).....	-	-	-	-	-	-	-	-	-
San Onofre (CA).....	-	-	-	-	1,566,047	-	-	-	-
Santa Ana 1 (CA).....	-	-	-	148	-	-	-	-	-
Santa Ana 3 (CA).....	-	-	-	-9	-	-	-	-	-
Sierra (CA).....	-	-	-	78	-	-	-	-	-
Tule River (CA).....	-	-	-	957	-	-	-	-	-
Southern Ill Pwr Coop.....	98,234	8,810	-	-	-	-	63	4	-
Marion (IL).....	98,234	8,810	-	-	-	-	63	4	-
Southern Indiana G & E Co.....	618,817	-	30,663	-	-	-	287	-	412
A. B. Brown (IN).....	282,721	-	17,931	-	-	-	127	-	230
Broadway (IN).....	-	-	12,732	-	-	-	-	-	179
Culley (IN).....	243,465	-	-	-	-	-	115	-	3
Northeast (IN).....	-	-	-	-	-	-	-	-	-
Warrick (IN).....	92,631	-	-	-	-	-	45	-	-
Southwestern Elec Pwr Co.....	1,819,307	771	379,724	-	-	-	1,234	2	4,051

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)
Southwestern Elec Pwr Co (Continued)									
Arsenal Hill (LA).....	-	-	16,095	-	-	-	-	-	206
Flint Creek (AR).....	315,710	664	-	-	-	-	194	2	-
Knox Lee (TX).....	-	-	92,687	-	-	-	-	-	979
Lieberman (LA).....	-	-	29,521	-	-	-	-	-	356
Lone Star (TX).....	-	-	2,505	-	-	-	-	-	33
Pirkey (TX).....	435,825	-	567	-	-	-	363	-	6
Welsh (TX).....	1,067,772	107	-	-	-	-	676	*	-
Wilkes (TX).....	-	-	238,349	-	-	-	-	-	2,471
Southwestern Pub Serv Co	1,407,584	-	784,906	-	-	-	804	-	8,917
Carlsbad (NM).....	-	-	-	-	-	-	-	-	-
Cunningham (NM).....	-	-	169,943	-	-	-	-	-	2,300
Harrington (TX).....	746,755	-	298	-	-	-	428	-	3
Jones (TX).....	-	-	240,127	-	-	-	-	-	2,561
Maddox (NM).....	-	-	64,764	-	-	-	-	-	681
Moore County (TX).....	-	-	9,570	-	-	-	-	-	122
Nichols (TX).....	-	-	184,393	-	-	-	-	-	1,918
Plant X (TX).....	-	-	114,723	-	-	-	-	-	1,320
Riverview (TX).....	-	-	399	-	-	-	-	-	6
Tolk Station (TX).....	660,829	-	689	-	-	-	376	-	7
Tucumcari (NM).....	-	-	-	-	-	-	-	-	-
Springfield (City of)	230,336	232	2,859	-	-	-	126	-	39
Dallman (IL).....	196,345	45	-	-	-	-	105	*	-
Factory (IL).....	-	-	-	-	-	-	-	-	-
Interstate (IL).....	-	-	2,859	-	-	-	-	-	39
Lakeside (IL).....	33,991	187	-	-	-	-	21	*	-
Reynolds (IL).....	-	-	-	-	-	-	-	-	-
Springfield (City of)	281,726	-	19,916	-	-	-	173	-	228
James River (MO).....	153,441	-	6,641	-	-	-	96	-	85
Main Street (MO).....	-	-	-	-	-	-	-	-	-
McCartney (MO).....	-	-	5,594	-	-	-	-	-	58
Moonlake (NE).....	-	-	5,594	-	-	-	-	-	58
Southwest (MO).....	128,285	-	2,087	-	-	-	78	-	28
St Joseph Lgt & Pwr Co	68,958	-	5,952	-	-	-	42	-	103
Lake Road (MO).....	68,958	-	5,952	-	-	-	42	-	103
Sunflower Elec Coop	230,042	-	38,972	-	-	-	139	-	425
Garden City (KS).....	-	-	38,619	-	-	-	-	-	421
Holcomb (KS).....	230,042	-	353	-	-	-	139	-	4
Systems Energy Resources Inc	-	-	-	-	929,756	-	-	-	-
Grand Gulf (MS).....	-	-	-	-	929,756	-	-	-	-
Tacoma (City of)	-	-	-	192,916	-	-	-	-	-
Alder (WA).....	-	-	-	16,438	-	-	-	-	-
Cushman 1 (WA).....	-	-	-	6,187	-	-	-	-	-
Cushman 2 (WA).....	-	-	-	8,742	-	-	-	-	-
La Grande (WA).....	-	-	-	23,388	-	-	-	-	-
Mayfield (WA).....	-	-	-	49,648	-	-	-	-	-
Mossyrock (WA).....	-	-	-	88,513	-	-	-	-	-
Wynoochee (WA).....	-	-	-	-	-	-	-	-	-
Tallahassee (City of)	-	304	248,130	-24	-	-	-	1	2,150
Hopkins, Arvah B (FL).....	-	109	98,213	-	-	-	-	1	1,069
Jackson Bluff (FL).....	-	-	-	-24	-	-	-	-	-
Purdom, S O (FL).....	-	195	149,917	-	-	-	-	*	1,081
Tampa Electric Co	1,415,668	28,807	20,535	-	-	-	698	49	237
Big Bend (FL).....	777,078	4,419	-	-	-	-	353	10	-
Coal Storage (FL).....	-	-	-	-	-	-	-	-	-
Gannon, F J (FL).....	508,457	2,007	-	-	-	-	288	4	-
Hookers Point (FL).....	-	-178	-	-	-	-	-	-	-
Polk (FL).....	130,133	12,417	20,535	-	-	-	57	19	237
S Dinner Lk (FL).....	-	-	-	-	-	-	-	-	-
S Phillips (FL).....	-	10,142	-	-	-	-	-	16	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)
Taunton (City of)	-	3,598	16,140	-	-	-	-	6	177
Cleary, B F (MA).....	-	3,598	16,140	-	-	-	-	6	177
Tennessee Valley Auth	9,258,482	24,394	8,857	692,119	3,913,090	-	4,130	36	128
Allen (TN).....	490,968	649	4,542	-	-	-	252	1	69
Apalachia (TN).....	-	-	-	29,748	-	-	-	-	-
Blue Ridge (GA).....	-	-	-	3,515	-	-	-	-	-
Boone (TN).....	-	-	-	8,608	-	-	-	-	-
Browns Ferry (AL).....	-	-	-	-	1,548,390	-	-	-	-
Bull Run (TN).....	583,624	3,352	-	-	-	-	213	4	-
Chatuge (NC).....	-	-	-	2,227	-	-	-	-	-
Cherokee (TN).....	-	-	-	21,886	-	-	-	-	-
Chickamauga (TN).....	-	-	-	45,010	-	-	-	-	-
Colbert (AL).....	593,428	4,688	4,315	-	-	-	276	8	59
Cumberland (TN).....	1,604,083	9,679	-	-	-	-	654	14	-
Douglas (TN).....	-	-	-	20,925	-	-	-	-	-
Fontana (NC).....	-	-	-	61,483	-	-	-	-	-
Fort Loudoun (TN).....	-	-	-	40,336	-	-	-	-	-
Fort Patrick Henry (TN).....	-	-	-	5,492	-	-	-	-	-
Gallatin (TN).....	709,747	975	-	-	-	-	323	2	-
Great Falls (TN).....	-	-	-	849	-	-	-	-	-
Guntersville (AL).....	-	-	-	36,281	-	-	-	-	-
Hiwassee (NC).....	-	-	-	15,869	-	-	-	-	-
Johnsonville (TN).....	838,010	2,457	-	-	-	-	330	4	-
Kentucky (KY).....	-	-	-	75,743	-	-	-	-	-
Kingston (TN).....	878,938	1,377	-	-	-	-	368	2	-
Melton Hill (TN).....	-	-	-	11,392	-	-	-	-	-
Nickajack (TN).....	-	-	-	46,428	-	-	-	-	-
Norris (TN).....	-	-	-	41,497	-	-	-	-	-
Nottely (GA).....	-	-	-	2,831	-	-	-	-	-
Ocoee 1 (TN).....	-	-	-	4,344	-	-	-	-	-
Ocoee 2 (TN).....	-	-	-	1,550	-	-	-	-	-
Ocoee 3 (TN).....	-	-	-	9,763	-	-	-	-	-
Paradise (KY).....	1,344,724	264	-	-	-	-	719	*	-
Pickwick (TN).....	-	-	-	58,533	-	-	-	-	-
Raccoon Mountain (TN).....	-	-	-	-67,320	-	-	-	-	-
Sequoyah (TN).....	-	-	-	-	1,578,618	-	-	-	-
Sevier, John (TN).....	446,147	85	-	-	-	-	177	*	-
Shawnee (KY).....	823,196	660	-	-	-	-	383	1	-
South Holston (TN).....	-	-	-	6,783	-	-	-	-	-
Tims Ford (TN).....	-	-	-	2,788	-	-	-	-	-
Watauga (TN).....	-	-	-	8,423	-	-	-	-	-
Watts Bar (TN).....	-	-	-	-	786,082	-	-	-	-
Watts Bar (TN).....	-	-	-	45,554	-	-	-	-	-
Watts Bar (TN).....	-	-	-	-	-	-	-	-	-
Wheeler (AL).....	-	-	-	51,973	-	-	-	-	-
Widows Creek (AL).....	945,617	208	-	-	-	-	434	*	-
Wilbur (TN).....	-	-	-	1,346	-	-	-	-	-
Wilson (AL).....	-	-	-	98,262	-	-	-	-	-
Terrebonne Parish Consol Govt	-	-37	10,428	-	-	-	-	-	142
Houma (LA).....	-	-37	10,428	-	-	-	-	-	142
Texas Mun Power Agency	317,947	-	274	-	-	-	193	-	3
Gibbons Creek (TX).....	317,947	-	274	-	-	-	193	-	3
Texas-New Mexico Power Co	214,538	-	118	-	-	-	175	-	1
TNP One (TX).....	214,538	-	118	-	-	-	175	-	1
Toledo Edison Co (The)	331,208	371	33,667	-	-3,665	-	151	1	457
Bay Shore (OH).....	331,208	371	-	-	-	-	151	1	-
Davis-Besse (OH).....	-	-	-	-	-3,665	-	-	-	-
Richland (OH).....	-	-	33,667	-	-	-	-	-	457
Stryker (OH).....	-	-	-	-	-	-	-	-	-
Tri-state G & T Assn Inc	1,059,044	1,443	1,312	-	-	-	550	3	11
Burlington (CO).....	-	1,443	-	-	-	-	-	3	-
Craig (CO).....	852,963	-	1,069	-	-	-	431	-	10
Escalante (NM).....	150,695	-	-	-	-	-	88	-	-
Nucla (CO).....	55,386	-	243	-	-	-	31	-	1

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)
Tucson Electric Power Co.	600,638	200	95,918	-	-	1,847	326	-	1,122
Irvington (AZ)	60,424	22	90,560	-	-	1,847	28	*	1,045
North Loop (AZ)	-	8	5,358	-	-	-	-	*	77
Springerville (AZ)	540,214	170	-	-	-	-	298	*	-
Turlock Irrigation Dist.	-	-	17,550	51,957	-	-	-	-	166
Almond (CA)	-	-	17,016	-	-	-	-	-	156
Hickman (CA)	-	-	-	771	-	-	-	-	-
Lagrange (CA)	-	-	-	116	-	-	-	-	-
New Don Pedro (CA)	-	-	-	47,029	-	-	-	-	-
Turlock Lake (CA)	-	-	-	1,919	-	-	-	-	-
Uppr Dawson (CA).....	-	-	-	2,122	-	-	-	-	-
Walnut (CA)	-	-	534	-	-	-	-	-	10
United Power Assn.	125,554	139	474	-	-	15,188	102	-	8
Cambridge (MN)	-	46	-	-	-	-	-	*	-
Elk River (MN)	-	-	474	-	-	15,188	-	-	8
Maple Lake (MN)	-	46	-	-	-	-	-	*	-
Rock Lake (MN).....	-	39	-	-	-	-	-	*	-
Stanton (ND).....	125,554	8	-	-	-	-	102	*	-
USBR-Great Plains Region	-	-	-	180,006	-	-	-	-	-
Alcova (WY)	-	-	-	16,267	-	-	-	-	-
Big Thompson (CO)	-	-	-	917	-	-	-	-	-
Boysen (WY)	-	-	-	3,877	-	-	-	-	-
Buffalo Bill (WY)	-	-	-	9,179	-	-	-	-	-
Canyon Ferry (MT)	-	-	-	18,999	-	-	-	-	-
Estes (CO).....	-	-	-	5,682	-	-	-	-	-
Flatiron (CO)	-	-	-	10,817	-	-	-	-	-
Fremont Canyon (WY).....	-	-	-	35,816	-	-	-	-	-
Glendo (WY)	-	-	-	17,807	-	-	-	-	-
Green Mountain (CO).....	-	-	-	6,055	-	-	-	-	-
Guernsey (WY).....	-	-	-	1,307	-	-	-	-	-
Heart Mountain (WY)	-	-	-	3,353	-	-	-	-	-
Kortes (WY)	-	-	-	5,565	-	-	-	-	-
Marys Lake (CO)	-	-	-	2,227	-	-	-	-	-
Mount Elbert (CO).....	-	-	-	-14,514	-	-	-	-	-
Pilot Butte (WY).....	-	-	-	949	-	-	-	-	-
Pole Hill (CO).....	-	-	-	9,036	-	-	-	-	-
Seminole (WY)	-	-	-	4,385	-	-	-	-	-
Shoshone (WY)	-	-	-	2,107	-	-	-	-	-
Spirit Mountain (WY)	-	-	-	2,992	-	-	-	-	-
Yellowtail (MT).....	-	-	-	37,183	-	-	-	-	-
USBR-Lower Colorado Region	-	-	-	624,642	-	-	-	-	-
Davis (AZ)	-	-	-	124,952	-	-	-	-	-
Hoover (AZ)	-	-	-	219,675	-	-	-	-	-
Hoover (NV)	-	-	-	225,684	-	-	-	-	-
Parker (CA).....	-	-	-	54,331	-	-	-	-	-
USBR-Mid Pacific Region	-	-	-	688,094	-	-	-	-	-
Folsom (CA)	-	-	-	57,158	-	-	-	-	-
Judge F Carr (CA)	-	-	-	69,539	-	-	-	-	-
Keswick (CA)	-	-	-	64,350	-	-	-	-	-
Lewiston (CA)	-	-	-	281	-	-	-	-	-
New Melones (CA).....	-	-	-	55,754	-	-	-	-	-
Nimbus (CA)	-	-	-	7,092	-	-	-	-	-
O'Neill (CA)	-	-	-	19	-	-	-	-	-
Shasta (CA).....	-	-	-	304,743	-	-	-	-	-
Spring Creek (CA).....	-	-	-	67,741	-	-	-	-	-
Stampede (CA)	-	-	-	830	-	-	-	-	-
Trinity (CA)	-	-	-	60,587	-	-	-	-	-
USBR-Pacific NW Region	-	-	-	3,054,767	-	-	-	-	-
Anderson Ranch (ID).....	-	-	-	22,861	-	-	-	-	-
Black Canyon (ID)	-	-	-	6,748	-	-	-	-	-
Boise River Div (ID)	-	-	-	-	-	-	-	-	-
Chandler (WA)	-	-	-	2,289	-	-	-	-	-
Grand Coulee (WA).....	-	-	-	2,787,299	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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-Pacific NW Region (Continued)	-	-	-	6,886	-	-	-	-	-
Green Springs (OR).....	-	-	-	116,738	-	-	-	-	-
Hungry Horse (MT).....	-	-	-	17,672	-	-	-	-	-
Minidoka (ID).....	-	-	-	86,506	-	-	-	-	-
Palisades (ID).....	-	-	-	7,768	-	-	-	-	-
Roza (WA).....	-	-	-	-	-	-	-	-	-
USBR-Upper Colorado Region	-	-	-	521,199	-	-	-	-	-
Blue Mesa (CO).....	-	-	-	27,145	-	-	-	-	-
Crystal (CO).....	-	-	-	18,889	-	-	-	-	-
Deer Creek (UT).....	-	-	-	3,016	-	-	-	-	-
Elephant Butte (NM).....	-	-	-	10,228	-	-	-	-	-
Flaming Gorge (UT).....	-	-	-	16,179	-	-	-	-	-
Fontenelle (WY).....	-	-	-	2,545	-	-	-	-	-
Glen Canyon (AZ).....	-	-	-	404,961	-	-	-	-	-
Lower Molina (CO).....	-	-	-	-	-	-	-	-	-
McPhee (CO).....	-	-	-	-	-	-	-	-	-
Morrow Point (CO).....	-	-	-	35,416	-	-	-	-	-
Towaoc (CO).....	-	-	-	469	-	-	-	-	-
Upper Molina (CO).....	-	-	-	2,351	-	-	-	-	-
USCE-Hartwell Power Plant	-	-	-	22,466	-	-	-	-	-
Hartwell (GA).....	-	-	-	22,466	-	-	-	-	-
USCE-J Strom Thur Pwr Plt	-	-	-	28,992	-	-	-	-	-
J Strom Thurmond (SC).....	-	-	-	28,992	-	-	-	-	-
USCE-Kansas City Dist	-	-	-	17,600	-	-	-	-	-
Harry S Truman (MO).....	-	-	-	9,039	-	-	-	-	-
Stockton (MO).....	-	-	-	8,561	-	-	-	-	-
USCE-Little Rock	-	-	-	342,331	-	-	-	-	-
Beaver (AR).....	-	-	-	7,673	-	-	-	-	-
Bull Shoals (AR).....	-	-	-	130,283	-	-	-	-	-
Dardanelle (AR).....	-	-	-	57,782	-	-	-	-	-
Greers Ferry (AR).....	-	-	-	30,695	-	-	-	-	-
Norfolk (AR).....	-	-	-	28,653	-	-	-	-	-
Ozark (AR).....	-	-	-	25,611	-	-	-	-	-
Table Rock (MO).....	-	-	-	61,634	-	-	-	-	-
USCE-Missouri River District	-	-	-	818,685	-	-	-	-	-
Big Bend (SD).....	-	-	-	88,369	-	-	-	-	-
Fort Peck (MT).....	-	-	-	84,556	-	-	-	-	-
Fort Randall (SD).....	-	-	-	166,330	-	-	-	-	-
Garrison (ND).....	-	-	-	178,882	-	-	-	-	-
Gavins Point (NE).....	-	-	-	67,707	-	-	-	-	-
Oahe (SD).....	-	-	-	232,841	-	-	-	-	-
USCE-Mobile District	-	-	-	103,088	-	-	-	-	-
Allatoona (GA).....	-	-	-	4,937	-	-	-	-	-
Buford (GA).....	-	-	-	6,629	-	-	-	-	-
Carters (GA).....	-	-	-	33,504	-	-	-	-	-
J Woodruff (FL).....	-	-	-	9,929	-	-	-	-	-
Jones Bluff (AL).....	-	-	-	12,201	-	-	-	-	-
Millers Ferry (AL).....	-	-	-	16,621	-	-	-	-	-
Walter F George (GA).....	-	-	-	12,308	-	-	-	-	-
West Point (GA).....	-	-	-	6,959	-	-	-	-	-
USCE-Nashville	-	-	-	202,211	-	-	-	-	-
Barkley (KY).....	-	-	-	47,965	-	-	-	-	-
Center Hill (TN).....	-	-	-	15,799	-	-	-	-	-
Cheatham (TN).....	-	-	-	13,617	-	-	-	-	-
Cordell Hull (TN).....	-	-	-	24,717	-	-	-	-	-
Dale Hollow (TN).....	-	-	-	12,739	-	-	-	-	-
J Percy Priest (TN).....	-	-	-	135	-	-	-	-	-
Laurel (KY).....	-	-	-	2,577	-	-	-	-	-
Old Hickory (TN).....	-	-	-	29,850	-	-	-	-	-
Wolf Creek (KY).....	-	-	-	54,812	-	-	-	-	-
USCE-North Pacific Div	-	-	-	5,298,461	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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-North Pacific Div (Continued)	-	-	-	30,103	-	-	-	-	-
Albeni Falls (ID).....	-	-	-	5,041	-	-	-	-	-
Big Cliff (OR).....	-	-	-	345,339	-	-	-	-	-
Bonneville (OR).....	-	-	-	1,433,757	-	-	-	-	-
Chief Joseph (WA).....	-	-	-	-	-	-	-	-	-
Cougar (OR).....	-	-	-	22,200	-	-	-	-	-
Detroit (OR).....	-	-	-	5,468	-	-	-	-	-
Dexter (OR).....	-	-	-	325,945	-	-	-	-	-
Dworshak (ID).....	-	-	-	4,196	-	-	-	-	-
Foster (OR).....	-	-	-	10,090	-	-	-	-	-
Green Peter (OR).....	-	-	-	8,476	-	-	-	-	-
Hills Creek (OR).....	-	-	-	39,059	-	-	-	-	-
Ice Harbor (WA).....	-	-	-	872,446	-	-	-	-	-
John Day (OR).....	-	-	-	425,860	-	-	-	-	-
Libby (MT).....	-	-	-	165,833	-	-	-	-	-
Little Goose (WA).....	-	-	-	24,278	-	-	-	-	-
Lookout Point (OR).....	-	-	-	24,750	-	-	-	-	-
Lost Creek (OR).....	-	-	-	174,731	-	-	-	-	-
Lower Granite (WA).....	-	-	-	200,790	-	-	-	-	-
Lower Monumental (WA).....	-	-	-	617,804	-	-	-	-	-
McNary (OR).....	-	-	-	562,295	-	-	-	-	-
The Dalles (WA).....	-	-	-	29,173	-	-	-	-	-
USCE-R B Russell	-	-	-	29,173	-	-	-	-	-
R B Russell (GA).....	-	-	-	173,534	-	-	-	-	-
USCE-Tulsa District	-	-	-	9,475	-	-	-	-	-
Broken Bow (OK).....	-	-	-	22,349	-	-	-	-	-
Denison (TX).....	-	-	-	17,730	-	-	-	-	-
Eufaula (OK).....	-	-	-	13,436	-	-	-	-	-
Fort Gibson (OK).....	-	-	-	32,300	-	-	-	-	-
Keystone (OK).....	-	-	-	48,238	-	-	-	-	-
Robert S Kerr (OK).....	-	-	-	7,439	-	-	-	-	-
Tenkiller Ferry (OK).....	-	-	-	22,567	-	-	-	-	-
Webbers Falls (OK).....	-	-	-	28,459	-	-	-	-	-
USCE-Vickburg District	-	-	-	17,954	-	-	-	-	-
Blakely Mountain (AR).....	-	-	-	8,046	-	-	-	-	-
Degray (AR).....	-	-	-	2,459	-	-	-	-	-
Narrows (AR).....	-	-	-	16,137	-	-	-	-	-
USCE-Wilmington	-	-	-	15,760	-	-	-	-	-
John H Kerr (VA).....	-	-	-	377	-	-	-	-	-
Philpott (VA).....	-	-	-	244,141	181	34,898	-	132	476
UtiliCorp United Inc	244,141	181	34,898	-	-	-	132	-	476
Green, Ralph (MO).....	-	-	4,422	-	-	-	-	-	64
Greenwood (MO).....	-	-	29,974	-	-	-	-	-	403
Kci (MO).....	-	-	502	-	-	-	-	-	9
Nevada (MO).....	-	-10	-	-	-	-	-	-	-
Sibley (MO).....	244,141	191	-	-	-	-	132	*	-
UtiliCorp United Inc	25,441	1,035	114,994	-	-	-	15	2	1,287
Cimarron River (KS).....	-	-	19,960	-	-	-	-	-	249
Clark, W N (CO).....	25,441	-	-	-	-	-	15	-	-
Clifton (KS).....	-	-	9,977	-	-	-	-	-	110
Judson Large (KS).....	-	-	49,097	-	-	-	-	-	556
Mullergren, Arthur (KS).....	-	-	26,426	-	-	-	-	-	195
Pueblo (CO).....	-	760	9,534	-	-	-	-	2	177
Rocky Ford (CO).....	-	275	-	-	-	-	-	1	-
Vero Beach (City of)	-	55	13,969	-	-	-	-	-	186
Municipal Plant (FL).....	-	55	13,969	-	-	-	-	*	186
Vineland (City of)	8,041	9,642	-	-	-	-	4	18	-
Down, Howard (NJ).....	8,041	7,377	-	-	-	-	4	12	-
West (NJ).....	-	2,265	-	-	-	-	-	7	-
Virginia Elec & Power Co	3,500,026	627,378	356,706	-239,466	2,581,312	-	1,454	947	3,049
1st Energy (VA).....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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)
Virginia Elec & Power Co (Continued)									
Altavista (VA)	35,854	-	-	-	-	-	17	-	-
Bath County (VA)	-	-	-	-263,120	-	-	-	-	-
Bell Meade (VA)	-	-	93,749	-	-	-	-	-	842
Bremo Bluff (VA)	152,895	272	-	-	-	-	65	*	-
Chesapeake (VA)	395,543	991	-	-	-	-	161	1	-
Chesterfield (VA)	818,551	543	244,516	-	-	-	329	1	1,989
Clover (VA)	609,204	481	-	-	-	-	237	1	-
Cushaw (VA)	-	-	-	32	-	-	-	-	-
Darbytown (VA)	-	5	13,777	-	-	-	-	*	163
Gaston (NC)	-	-	-	11,609	-	-	-	-	-
Gravel Neck (VA)	-	-	4,664	-	-	-	-	-	56
Hopewell (VA)	-	-	-	-	-	-	-	-	-
Kitty Hawk (NC)	-	-	-	-	-	-	-	-	-
Low Moor (VA)	-	-	-	-	-	-	-	-	-
Mt Storm (WV)	1,094,870	2,438	-	-	-	-	445	3	-
North Anna (VA)	-	-	-	-	1,369,319	-	-	-	-
North Branch (WV)	55,993	21	-	-	-	-	38	*	-
Northern Neck (VA)	-	4	-	-	-	-	-	*	-
Possum Point (VA)	177,082	261,971	-	-	-	-	88	414	-
Roanoke Rapids (NC)	-	-	-	12,013	-	-	-	-	-
Southhampton (VA)	-	-	-	-	-	-	-	-	-
Surry (VA)	-	-	-	-	1,211,993	-	-	-	-
Yktn Term A (VA)	-	-	-	-	-	-	-	-	-
Yorktown (VA)	160,034	360,652	-	-	-	-	74	526	-
Vt Yankee Nuclear Pr Corp	-	-	-	-	360,868	-	-	-	-
Vt. Yankee (VT)	-	-	-	-	360,868	-	-	-	-
Waverly (City of)	-	887	429	-	-	312	-	1	4
East Hydro (IA)	-	-	-	-	-	-	-	-	-
North Plant (IA)	-	222	429	-	-	-	-	*	4
Northwest (IA)	-	-	-	-	-	212	-	-	-
Skeets 1 (IA)	-	-	-	-	-	100	-	-	-
South Plant (IA)	-	665	-	-	-	-	-	1	-
Western Farmers Elec Coop	304,663	85	157,962	-	-	-	189	-	1,503
Anadarko (OK)	-	-	120,567	-	-	-	-	-	1,090
Hugo (OK)	304,663	85	-	-	-	-	189	*	-
Mooreland (OK)	-	-	37,395	-	-	-	-	-	413
Wisconsin Electric Pwr Co	1,957,936	3,434	53,769	30,596	746,848	142	1,148	8	673
Appleton (WI)	-	-	-	1,104	-	-	-	-	-
Big Quinnesec 61 (MI)	-	-	-	29	-	-	-	-	-
Big Quinnesec 92 (MI)	-	-	-	8,851	-	-	-	-	-
Brule (MI)	-	-	-	1,462	-	-	-	-	-
Byron (WI)	-	-	-	-	-	142	-	-	-
Chalk Hill (MI)	-	-	-	2,763	-	-	-	-	-
Concord (WI)	-	-	10,970	-	-	-	-	-	163
Germantown (WI)	-	196	9,204	-	-	-	-	1	119
Hemlock Falls (MI)	-	-	-	1,001	-	-	-	-	-
Kingsford (MI)	-	-	-	2,406	-	-	-	-	-
Lower Paint (MI)	-	-	-	38	-	-	-	-	-
Michigamme Falls (MI)	-	-	-	2,485	-	-	-	-	-
Milwaukee County (WI)	2,088	-	3	-	-	-	6	-	*
Oil Storage (WI)	-	-	-	-	-	-	-	-	-
Paris (WI)	-	1,660	21,501	-	-	-	-	4	267
Peavy Falls (MI)	-	-	-	4,173	-	-	-	-	-
Pine (WI)	-	-	-	-	-	-	-	-	-
Pleasant Prairie (WI)	796,357	1	1,019	-	-	-	499	*	11
Point Beach (WI)	-	164	-	-	746,848	-	-	1	-
Port Washington (WI)	116,693	117	-	-	-	-	61	*	-
Presque Isle (MI)	279,097	1,296	-	-	-	-	156	3	-
South Oak Creek (WI)	656,861	-	10,670	-	-	-	366	-	108
Sturgeon (MI)	-	-	-	361	-	-	-	-	-
Twin Falls (MI)	-	-	-	2,854	-	-	-	-	-
Valley (WI)	106,840	-	402	-	-	-	60	-	6
Way (MI)	-	-	-	272	-	-	-	-	-
White Rapids (MI)	-	-	-	2,797	-	-	-	-	-

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, July 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 Pub Serv Corp.....	502,299	245	27,658	25,796	389,404	814	323	-	381
Alexander (WI).....	-	-	-	1,923	-	-	-	-	-
Caldron Falls (WI).....	-	-	-	1,099	-	-	-	-	-
Eagle River (WI).....	-	244	-	-	-	-	-	*	-
Glenmore (WI).....	-	-	-	-	-	58	-	-	-
Grand Rapids (MI).....	-	-	-	3,394	-	-	-	-	-
Grandfather Falls (WI).....	-	-	-	8,887	-	-	-	-	-
Hat Rapids (WI).....	-	-	-	740	-	-	-	-	-
High Falls (WI).....	-	-	-	1,677	-	-	-	-	-
Jersey (WI).....	-	-	-	332	-	-	-	-	-
Johnson Falls (WI).....	-	-	-	901	-	-	-	-	-
Kewaunee (WI).....	-	-	-	-	389,404	-	-	-	-
Lincoln (WI).....	-	-	-	-	-	756	-	-	-
Merrill (WI).....	-	-	-	1,063	-	-	-	-	-
Oneida Casino (WI).....	-	1	-	-	-	-	-	-	-
Otter Rapids (WI).....	-	-	-	164	-	-	-	-	-
Peshigo (WI).....	-	-	-	345	-	-	-	-	-
Potato Rapids (WI).....	-	-	-	420	-	-	-	-	-
Pulliam (WI).....	208,573	-	3,818	-	-	-	138	-	45
Sandstone Rapids (WI).....	-	-	-	1,040	-	-	-	-	-
Tomahawk (WI).....	-	-	-	1,256	-	-	-	-	-
Wausau (WI).....	-	-	-	2,555	-	-	-	-	-
West Marinette (WI).....	-	-	16,849	-	-	-	-	-	238
Weston (WI).....	293,726	-	6,991	-	-	-	185	-	97
Wisconsin Pwr & Lgt Co.....	1,265,618	1,184	84,852	16,328	-	5,646	768	2	1,156
Blackhawk (WI).....	-	-	6,587	-	-	-	-	-	108
Columbia (WI).....	667,963	468	-	-	-	-	422	1	-
Dewey, Nelson (WI).....	112,922	34	-	-	-	-	59	*	-
Edgewater (WI).....	484,733	589	-	-	-	5,646	288	1	-
Kilbourn (WI).....	-	-	-	5,325	-	-	-	-	-
NA 1 (WI).....	-	-	9,473	-	-	-	-	-	151
Prairie Du Sac (WI).....	-	-	-	11,003	-	-	-	-	-
Rock River (WI).....	-	93	68,435	-	-	-	-	*	889
Shawano (WI).....	-	-	-	-	-	-	-	-	-
Sheepskin (WI).....	-	-	357	-	-	-	-	-	7
Wolf Creek Nuclear Corp.....	-	-	-	-	872,827	-	-	-	-
Wolf Creek (KS).....	-	-	-	-	872,827	-	-	-	-
Wolverine Pwr supply Coop.....	-	619	29,760	-	-	-	-	2	409
Gaylord (MI).....	-	-	8,788	-	-	-	-	-	140
Johnson, George (MI).....	-	-	12,179	-	-	-	-	-	158
Scottville (MI).....	-	-	-	-	-	-	-	-	-
Tower (MI).....	-	567	-	-	-	-	-	2	-
Vandyke, Claude (MI).....	-	-	7,157	-	-	-	-	-	83
Vestaburg (MI).....	-	52	1,636	-	-	-	-	*	28
Wyandotte (City of).....	19,942	-	3,150	-	-	2,672	12	-	32
Wyandotte (MI).....	19,942	-	3,150	-	-	2,672	12	-	32
Yuba County Water Agency.....	-	-	-	168,146	-	-	-	-	-
Fish Power (CA).....	-	-	-	152	-	-	-	-	-
New Colgate (CA).....	-	-	-	141,798	-	-	-	-	-
New Narrows (CA).....	-	-	-	26,196	-	-	-	-	-

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, June 2002

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/10 ⁶ Btu)	(\$/short ton)	%	(1,000 bbls)	(Cents/10 ⁶ Btu)	(\$/bbl)	%	(1,000 Mcf)	(Cents/10 ⁶ Btu)	(\$/Mcf)			
Alabama Electric Coop Inc.	138	141.1	33.53	1.33	1	561.7	30.78	-	1,832	338.3	3.52	63	-	37
Lowman (AL)	138	141.1	33.53	1.33	1	561.7	30.78	-	-	-	-	100	*	-
McWilliams (AL)	-	-	-	-	-	-	-	-	1,832	338.3	3.52	-	-	100
Alabama Power Co³	2,253	138.4	29.50	0.72	2	482.2	28.35	-	5,192	311.1	3.25	90	-	10
Barry (AL)	439	150.7	35.54	0.66	-	-	-	-	4,014	290.3	3.04	71	-	29
Gadsden (AL)	22	155.8	38.94	1.65	-	-	-	-	2	337.1	3.39	100	-	*
Gaston (AL)	450	150.5	36.12	1.50	-	-	-	-	-	-	-	100	-	-
GE Plastic (AL)	-	-	-	-	-	-	-	-	543	389.9	4.00	-	-	100
Gorgas 2 and 3 (AL)	274	156.8	38.16	0.83	2	482.2	28.35	-	-	-	-	100	*	-
Greene (AL)	135	125.5	30.49	1.40	-	-	-	-	3	359.6	3.69	100	-	*
James Miller (AL)	932	117.2	20.56	0.23	-	-	-	-	31	383.0	3.91	100	-	*
Washington (AL)	-	-	-	-	-	-	-	-	599	376.6	3.93	-	-	100
Ameren CIPS	667	119.0	22.66	0.68	5	528.9	30.66	0.29	902	346.7	3.57	93	-	7
Coffeen (IL)	220	125.2	25.79	1.00	1	560.3	32.41	0.29	-	-	-	100	*	-
Grand Tower (IL)	-	-	-	-	-	-	-	-	902	346.7	3.57	-	-	100
Hutsonville (IL)	25	124.4	28.31	2.95	1	520.6	30.20	0.29	-	-	-	99	1	-
Meredosia (IL)	45	139.2	29.68	1.69	1	555.8	32.35	0.29	-	-	-	99	1	-
Newton (IL)	377	111.4	19.61	0.22	2	503.8	29.16	0.29	-	-	-	100	*	-
Ameren UE	1,453	90.3	16.02	0.48	3	497.7	28.64	0.29	104	327.4	3.35	100	-	-
Labadie (MO)	631	79.8	13.87	0.32	1	502.3	28.90	0.29	-	-	-	100	*	-
Meramec (MO)	236	96.4	17.83	0.41	-	-	-	-	52	328.6	3.36	99	-	1
Rush Island (MO)	421	92.2	15.56	0.46	1	488.2	28.09	0.29	-	-	-	100	*	-
Sioux (MO)	165	112.7	22.79	1.28	1	502.7	28.93	0.29	-	-	-	100	*	-
Venice No.2 (IL)	-	-	-	-	-	-	-	-	52	326.1	3.34	-	-	100
American Municipal Power	70	122.6	28.78	2.01	-	-	-	-	4	679.0	7.06	100	-	-
Gorsuch (OH)	70	122.6	28.78	2.01	-	-	-	-	4	679.0	7.06	100	-	*
Ames City of	26	145.1	25.64	0.19	-	-	-	-	-	-	-	100	-	-
Ames (IA)	26	145.1	25.64	0.19	-	-	-	-	-	-	-	100	-	-
Anchorage City of	-	-	-	-	-	-	-	-	490	215.2	2.15	-	-	100
George Sullivan (AK)	-	-	-	-	-	-	-	-	490	215.2	2.15	-	-	100
Appalachian Power Co.	1,246	129.1	31.20	0.72	22	503.8	29.72	-	-	-	-	100	-	-
Amos (WV)	732	126.7	30.86	0.75	21	503.0	29.68	-	-	-	-	99	1	-
Clinch River (VA)	135	135.6	34.05	0.79	1	520.0	30.48	-	-	-	-	100	*	-
Glen Lyn (VA)	67	143.6	37.72	0.80	-	-	-	-	-	-	-	100	-	-
Kanawha River (WV)	62	106.8	26.25	0.81	-	-	-	-	-	-	-	100	-	-
Mountaineer (WV)	251	134.0	30.16	0.55	-	-	-	-	-	-	-	100	-	-
Arizona Electric Pwr Coop Inc.	149	151.3	29.33	0.67	-	-	-	-	536	359.3	3.69	84	-	16
Apache (AZ)	149	151.3	29.33	0.67	-	-	-	-	536	359.3	3.69	84	-	16
Arkansas Power & Light Co.	797	49.3	8.68	0.24	4	550.9	32.58	0.50	1,882	352.8	3.60	88	-	12
Couch (AR)	-	-	-	-	-	-	-	-	198	352.7	3.66	-	-	100
Independence (AR)	554	52.8	9.43	0.20	3	554.7	32.83	0.50	-	-	-	100	*	-
Lake Catherine (AR)	-	-	-	-	-	-	-	-	1,684	352.8	3.60	-	-	100
Lynch (AR)	-	-	-	-	*	542.6	32.07	0.50	-	-	-	100	*	-
Whitebluff (AR)	244	41.0	6.96	0.34	1	542.3	32.02	0.50	-	-	-	100	*	-
Associated Electric Coop Inc.	744	84.0	14.92	0.20	-	-	-	-	-	-	-	100	-	-
Hill (MO)	409	76.2	13.59	0.20	-	-	-	-	-	-	-	100	-	-
Madrid (MO)	335	93.6	16.54	0.20	-	-	-	-	-	-	-	100	-	-
Atlantic City Electric Co.	42	254.4	66.12	1.65	51	793.7	49.82	0.87	-	-	-	77	23	-
Deepwater (NJ)	7	225.0	56.25	1.00	-	-	-	-	-	-	-	100	-	-
England (NJ)	35	260.2	68.14	1.78	51	793.7	49.82	0.87	-	-	-	74	26	-
Basin Electric Power Coop.	1,183	64.3	9.53	0.49	8	564.7	32.70	0.34	-	-	-	100	-	-
Antelope Valley (ND)	399	71.3	9.34	0.66	2	544.8	31.55	0.34	-	-	-	100	*	-
Laramie River (WY)	511	49.9	8.27	0.30	5	582.2	33.72	0.34	-	-	-	100	*	-
Leland Olds (ND)	274	86.3	12.16	0.62	1	539.4	31.24	0.34	-	-	-	100	*	-
Big Rivers Electric Corp.	21	122.0	28.71	3.29	-	-	-	-	-	-	-	100	-	-
Reid-Henderson (KY)	21	122.0	28.71	3.29	-	-	-	-	-	-	-	100	-	-
Black Hills Corp.	45	44.9	7.26	0.61	-	-	-	-	-	-	-	100	-	-
Neal Simpson II (WY)	45	44.9	7.26	0.61	-	-	-	-	-	-	-	100	-	-
Braintree City of	-	-	-	-	-	-	-	-	57	376.9	3.91	-	-	100
Potter Station (MA)	-	-	-	-	-	-	-	-	57	376.9	3.91	-	-	100
Brazos Electric Power Coop Inc.	-	-	-	-	-	-	-	-	809	310.4	3.10	-	-	100
Miller (TX)	-	-	-	-	-	-	-	-	809	310.4	3.10	-	-	100
Bryan City of	-	-	-	-	-	-	-	-	309	325.5	3.32	-	-	100
Bryan (TX)	-	-	-	-	-	-	-	-	5	325.0	3.32	-	-	100
Dansby (TX)	-	-	-	-	-	-	-	-	304	325.5	3.32	-	-	100
Burbank City of	-	-	-	-	-	-	-	-	2	892.0	9.13	-	-	100
Magnolia-Olive (CA)	-	-	-	-	-	-	-	-	2	892.0	9.13	-	-	100
Carolina Power & Light Co.	636	186.7	46.89	0.91	19	502.9	29.15	0.20	-	-	-	99	1	-
Asheville (NC)	70	187.5	47.95	0.80	*	514.0	29.79	0.20	-	-	-	100	*	-
Cape Fear (NC)	57	170.9	42.85	0.96	5	483.1	28.00	0.20	-	-	-	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, June 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														
Lee (NC)	59	161.9	40.60	0.78	2	486.3	28.19	0.20	-	-	-	99	1	-
Mayo (NC)	82	210.3	52.21	0.69	1	502.9	29.15	0.20	-	-	-	100	*	-
Robinson (SC)	50	192.1	49.44	1.13	2	623.2	36.12	0.20	-	-	-	99	1	-
Roxboro (NC)	209	190.4	47.05	0.97	7	491.8	28.51	0.20	-	-	-	99	1	-
Sutton (NC)	76	183.5	47.10	0.95	3	499.8	28.97	0.20	-	-	-	99	1	-
Weatherspoon (NC)	34	174.5	44.23	1.03	-	-	-	-	-	-	-	100	-	-
Cedar Falls City of														
Streeter (IA)	-	-	-	-	-	-	-	-	1	421.0	4.21	-	-	100
Central Electric Pwr Coop-MO														
Chamois (MO)	24	126.9	24.31	0.98	-	-	-	-	-	-	-	100	-	-
Central Illinois Light Co														
Duck Creek (IL)	212	161.5	36.39	1.70	*	583.9	34.09	0.03	-	-	-	100	-	-
Edwards (IL)	73	159.0	33.86	3.53	*	583.9	34.09	0.03	-	-	-	100	*	-
Central Iowa Power Coop	139	162.7	37.72	0.75	-	-	-	-	-	-	-	100	-	-
Fair Station (IA)	24	142.4	33.93	2.86	-	-	-	-	52	331.2	3.33	-	-	100
Summit Lake (IA)	-	-	-	-	-	-	-	-	52	331.2	3.33	-	-	100
Central Louisiana Elec Co Inc														
Dolet Hills (LA)	506	138.3	20.48	0.66	-	-	-	-	2,597	343.1	3.56	74	-	26
Rodemacher (LA)	338	137.6	18.56	0.78	-	-	-	-	2	433.9	4.46	100	-	*
Teche (LA)	168	139.3	24.33	0.44	-	-	-	-	1,452	338.8	3.55	66	-	34
Chugach Electric Assn Inc														
Beluga (AK)	-	-	-	-	-	-	-	-	1,143	348.4	3.58	-	-	100
Cincinnati Gas & Electric Co														
Beckjord (OH)	1,028	117.8	28.78	2.10	6	492.5	28.43	0.21	-	-	-	100	-	-
East Bend (KY)	246	122.1	29.40	0.98	*	466.8	27.37	0.11	-	-	-	100	*	-
Miami Fort (OH)	158	107.1	26.12	2.63	3	494.0	28.28	0.34	-	-	-	100	*	-
Zimmer (OH)	268	124.9	30.72	1.32	3	496.7	28.88	0.03	-	-	-	100	*	-
Coffeyville City of														
Coffeyville (KS)	356	114.4	28.08	3.22	1	483.8	28.06	0.34	-	-	-	100	*	-
Colorado Springs City of														
Birdsall (CO)	178	85.4	17.19	0.37	-	-	-	-	143	319.0	3.19	-	-	100
Drake (CO)	-	-	-	-	-	-	-	-	143	319.0	3.19	-	-	100
Nixon (CO)	81	89.9	19.95	0.45	-	-	-	-	311	218.3	2.16	-	-	100
Consolidated Edison Co-NY Inc														
East River (NY)	97	80.9	14.89	0.30	-	-	-	-	25	358.0	3.54	99	-	1
Waterside (NY)	-	-	-	-	-	-	-	-	36	115.9	1.15	98	-	2
Consumers Power Co														
Campbell (MI)	1,419	135.8	27.97	0.51	22	337.7	20.20	0.50	1,419	365.9	3.79	-	-	100
Cobb (MI)	345	137.8	28.44	0.46	5	521.6	30.23	0.50	1,026	365.9	3.79	-	-	100
Karn-Weadock (MI)	121	149.8	31.63	0.61	-	-	-	-	392	365.9	3.79	-	-	100
Weadock (MI)	120	107.2	18.88	0.24	16	272.6	16.50	0.50	-	-	-	-	-	100
Whiting (MI)	129	143.5	31.52	0.61	1	525.0	30.43	0.50	-	-	-	-	-	100
Coop Power Assn														
Coal Creek (ND)	133	131.4	28.17	0.68	*	530.0	30.72	0.50	-	-	-	-	-	100
Dairyland Power Coop														
Alma-Madgett (WI)	557	82.9	10.23	0.61	-	-	-	-	-	-	-	-	-	100
Genoa No.3 (WI)	113	139.5	28.09	0.73	-	-	-	-	-	-	-	-	-	100
Dayton Power & Light Co														
Hutchings (OH)	235	139.1	26.88	0.68	-	-	-	-	16	463.0	4.72	100	-	-
Killen (OH)	122	138.7	25.77	0.64	-	-	-	-	16	463.0	4.72	98	-	2
Stuart (OH)	113	139.5	28.09	0.73	-	-	-	-	-	-	-	100	-	-
Denton City of														
Spencer (TX)	697	119.0	27.71	0.85	-	-	-	-	14	328.3	3.31	-	-	100
Deseret Generation & Tran Coop														
Bonanza (UT)	33	148.2	36.42	0.86	-	-	-	-	14	328.3	3.31	-	-	100
Detroit Edison Co														
Belle River (MI)	189	141.8	28.14	0.38	*	514.5	29.82	0.10	-	-	-	100	*	-
Conners Creek (MI)	1,544	123.2	24.14	0.49	58	463.5	27.02	0.25	1,650	332.2	2.04	96	1	3
Greenwood (MI)	380	118.1	22.37	0.34	7	526.7	30.59	0.10	-	-	-	99	1	-
Harbor Beach (MI)	-	-	-	-	8	350.6	20.52	0.46	180	344.8	3.47	-	-	100
Monroe (MI)	12	177.8	46.23	1.03	1	531.6	30.66	0.30	623	363.9	3.66	-	7	93
River Rouge (MI)	662	127.5	25.51	0.54	4	514.1	29.81	0.38	-	-	-	98	2	-
St Clair (MI)	-	-	-	-	-	-	-	-	823	200.2	0.44	-	-	100
Trenton Channel (MI)	435	120.9	23.73	0.56	37	466.9	27.24	0.22	25	399.6	4.02	97	2	*
Dover City of														
Mckee Run (DE)	55	103.8	18.25	0.29	1	536.2	31.08	0.10	-	-	-	99	1	-
Duke Power Co														
Allen (NC)	-	-	-	-	50	386.9	24.88	0.80	10	331.9	3.43	-	-	97
Belwus Creek (NC)	225	166.0	41.13	0.90	-	-	-	-	10	331.9	3.43	-	-	97

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, June 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/10 ⁶ Btu)	(\$/short ton)	%	(1,000 bbls)	(Cents/10 ⁶ Btu)	(\$/bbl)	%	(1,000 Mcf)	(Cents/10 ⁶ Btu)	(\$/Mcf)			
Duke Power Co (Continued)														
Buck (NC).....	35	172.8	39.28	0.72	-	-	-	-	-	-	-	100	-	-
Cliffside (NC).....	89	176.5	45.77	1.16	-	-	-	-	-	-	-	100	-	-
Dan River (NC).....	54	189.6	49.45	0.69	-	-	-	-	-	-	-	100	-	-
Lee (SC).....	36	168.6	41.46	0.85	-	-	-	-	-	-	-	100	-	-
Marshall (NC).....	463	159.4	39.06	0.84	-	-	-	-	-	-	-	100	-	-
Riverbend (NC).....	60	192.3	48.09	1.17	-	-	-	-	-	-	-	100	-	-
East Kentucky Power Coop.	302	130.4	31.75	0.90		516.5	30.07	0.15				100		
Cooper (KY).....	81	116.5	28.56	1.22	*	504.3	29.36	0.20	-	-	-	100	*	-
Dale (KY).....	40	147.2	36.42	0.89	*	522.7	30.42	0.12	-	-	-	100	*	-
Spurlock (KY).....	181	132.9	32.15	0.76	-	-	-	-	-	-	-	100	-	-
El Paso Electric Co.									2,843	277.9	2.85			100
Newman (TX).....	-	-	-	-	-	-	-	-	1,891	286.9	2.94	-	-	100
Rio Grande (TX).....	-	-	-	-	-	-	-	-	952	260.0	2.67	-	-	100
Electric Energy Inc.	328	93.6	16.46	0.24		584.8	32.38	0.20	1	1,000.0	10.72	100		
Joppa (IL).....	328	93.6	16.46	0.24	*	584.8	32.38	0.20	1	1,000.0	10.72	100	*	*
Empire District Electric Co.									480	325.7	3.33			100
State Line (MO).....	-	-	-	-	-	-	-	-	480	325.7	3.33	-	-	100
Fayetteville Public Works.									314	416.3	4.32			100
Butler Warner (NC).....	-	-	-	-	-	-	-	-	314	416.3	4.32	-	-	100
Florida Power & Light Co.					3,278	360.3	23.11	0.95	28,523	391.1	4.07		41	59
Cape Canaveral (FL).....	-	-	-	-	233	365.9	23.54	0.96	1,294	391.1	4.08	-	53	47
Cutler (FL).....	-	-	-	-	-	-	-	-	151	391.1	4.06	-	-	100
Fort Myers (FL).....	-	-	-	-	-	-	-	-	6,290	391.1	4.07	-	-	100
Lauderdale (FL).....	-	-	-	-	-	-	-	-	3,889	391.1	4.06	-	-	100
Manatee (FL).....	-	-	-	-	1,268	366.9	23.52	0.96	-	-	-	100	-	-
Martin (FL).....	-	-	-	-	937	370.1	23.71	0.93	7,891	391.1	4.06	-	42	58
Port Everglades (FL).....	-	-	-	-	276	265.1	17.04	0.89	998	391.1	4.06	-	63	37
Putnam (FL).....	-	-	-	-	-	-	-	-	1,582	391.1	4.08	-	-	100
Riviera (FL).....	-	-	-	-	239	370.0	23.85	0.98	1,138	391.1	4.06	-	57	43
Sanford (FL).....	-	-	-	-	60	380.5	24.37	1.00	3,815	391.1	4.08	-	9	91
Turkey Point (FL).....	-	-	-	-	265	375.0	24.02	1.00	1,475	391.1	4.06	-	53	47
Florida Power Corp⁴					814	367.2	24.22	1.54		455.9	4.56		72	28
Bartow (FL).....	-	-	-	-	814	367.2	24.22	1.54	-	-	-	100	-	-
Fort Pierce City of									29	286.9	2.98			100
H D King (FL).....	-	-	-	-	-	-	-	-	29	286.9	2.98	-	-	100
Fremont City of	42	102.9	18.11	0.23					7	414.0	4.14	99		1
Wright (NE).....	42	102.9	18.11	0.23	-	-	-	-	7	414.0	4.14	99	-	1
Gainesville City of	42	178.0	45.43	0.69	7	459.3	29.69	1.40	470	436.1	4.53	67	3	31
Deerhaven (FL).....	42	178.0	45.43	0.69	6	459.8	30.00	1.37	256	436.1	4.54	78	3	19
Jr Kelly (FL).....	-	-	-	-	1	456.8	28.23	1.54	214	436.1	4.52	-	3	97
Georgia Power Co.	2,460	169.3	39.72	0.78	37	558.1	32.47	0.50	3	287.5	2.98	100		
Arkwright (GA).....	-	-	-	-	-	-	-	-	*	345.0	3.54	-	-	100
Atkinson-Mcdonough (GA).....	108	152.7	38.53	1.04	-	-	-	-	*	277.0	2.83	100	-	*
Bowen (GA).....	621	158.0	38.45	0.90	-	-	-	-	-	-	-	100	-	-
Hammond (GA).....	124	147.5	38.73	0.82	1	528.9	30.77	0.50	-	-	-	100	*	-
Harlee Branch (GA).....	225	171.6	42.60	0.99	3	534.8	31.11	0.50	-	-	-	100	*	-
Mcmanus (GA).....	-	-	-	-	30	563.9	32.80	0.50	-	-	-	100	-	-
Mitchell (GA).....	21	216.7	55.34	1.00	-	-	-	-	-	-	-	100	-	-
Scherer (GA).....	818	191.3	39.40	0.47	2	528.0	30.71	0.50	-	-	-	100	*	-
Wansley (GA).....	354	160.6	40.41	0.93	-	-	-	-	3	287.0	2.98	100	-	*
Yates (GA).....	189	159.5	40.14	1.05	2	536.4	31.20	0.50	*	296.0	3.08	100	*	*
Glendale City of									142	441.0	4.53			100
Glendale (CA).....	-	-	-	-	-	-	-	-	142	441.0	4.53	-	-	100
Grand Haven City of	1	132.0	25.81	0.60					12	495.4	4.95	60		40
J B Simms (MI).....	1	132.0	25.81	0.60	-	-	-	-	12	495.4	4.95	60	-	40
Grand Island City of	27	72.7	12.74	0.25					34	359.6	3.60	93		7
Burdick (NE).....	-	-	-	-	-	-	-	-	34	359.6	3.60	-	-	100
Platte (NE).....	27	72.7	12.74	0.25	-	-	-	-	-	-	-	100	-	-
Grand River Dam Authority	276	90.7	15.52	0.33					14	378.0	3.81	100		
GRDA No 1 (OK).....	276	90.7	15.52	0.33	-	-	-	-	14	378.0	3.81	100	-	*
Greenville City of									22	318.9	3.43			100
Power Lane (TX).....	-	-	-	-	-	-	-	-	22	318.9	3.43	-	-	100
Gulf Power Co.	223	162.8	39.88	1.16	1	458.4	26.64	0.45	955	418.0	4.34	85		15
Crist (FL).....	147	151.3	36.62	1.33	1	458.4	26.64	0.45	47	349.5	3.62	99	*	1
Scholtz (FL).....	18	161.1	41.14	0.83	-	-	-	-	-	-	-	100	-	-
Smith (FL).....	58	191.3	47.73	0.82	-	-	-	-	908	421.5	4.38	61	-	39
Gulf States Utilities Co.	184	113.5	19.84	0.44					15,737	353.6	3.68	16		84
States Creek (TX).....	-	-	-	-	-	-	-	-	2,323	329.0	3.45	-	-	100
Nelson (LA).....	184	113.5	19.84	0.44	-	-	-	-	2,334	337.8	3.51	57	-	43

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, June 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	Pe- tro- leum	Gas
		(Cents/ 10 ⁶ Btu)	(\$/ short ton)			(Cents/ 10 ⁶ Btu)	(\$ bbl)			(Cents/ 10 ⁶ Btu)	(\$/ Mcf)			
Gulf States Utilities Co (Continued)														
Sabine (TX)	-	-	-	-	-	-	-	-	6,843	372.7	3.88	-	-	100
Willow Glen (LA)	-	-	-	-	-	-	-	-	4,236	345.2	3.58	-	-	100
Hamilton City of	20	186.6	46.58	0.77	-	-	-	-	8	397.5	4.07	98	-	2
Hamilton (OH)	20	186.6	46.58	0.77	-	-	-	-	8	397.5	4.07	98	-	2
Hastings City of	25	69.8	12.08	0.38	-	-	-	-	-	-	-	100	-	-
Hastings (NE)	25	69.8	12.08	0.38	-	-	-	-	-	-	-	100	-	-
Holland City of	26	166.6	41.69	0.83	-	-	-	-	201	337.5	3.44	76	-	24
James De Young (MI)	26	166.6	41.69	0.83	-	-	-	-	201	337.5	3.44	76	-	24
Hoosier Energy R E C Inc	249	102.9	22.96	2.63	5	489.5	28.37	0.10	-	-	-	99	1	-
Frank E Ratts (IN)	39	106.2	23.64	1.27	*	478.3	27.72	0.10	-	-	-	100	*	-
Merom (IN)	210	102.3	22.83	2.89	5	489.9	28.39	0.10	-	-	-	99	1	-
IES Utilities	339	90.7	15.73	0.32	12	491.9	28.92	-	165	401.8	4.02	96	1	3
6th St (IA)	40	126.1	24.90	0.27	-	-	-	-	90	386.2	3.86	90	-	10
Burlington (IA)	29	94.2	15.55	0.39	-	-	-	-	-	-	-	100	-	-
Ottumwa (IA)	153	67.4	11.43	0.34	-	-	-	-	-	-	-	100	-	-
Prairie Creek (IA)	73	111.9	18.95	0.29	-	-	-	-	23	471.5	4.72	98	-	2
Sutherland (IA)	44	97.0	17.19	0.29	12	491.9	28.92	-	53	398.0	3.98	86	8	6
Imperial Irrigation District	-	-	-	-	-	-	-	-	859	613.6	6.22	-	-	100
El Centro (CA)	-	-	-	-	-	-	-	-	859	613.6	6.22	-	-	100
Indiana-Kentucky Electric Corp	307	117.9	23.21	0.35	1	541.7	30.94	0.30	-	-	-	100	-	-
Clifty Creek (IN)	307	117.9	23.21	0.35	1	541.7	30.94	0.30	-	-	-	100	*	-
Indianapolis Power & Light Co	634	97.1	21.65	2.46	-	-	-	-	-	-	-	100	-	-
Petersburg (IN)	433	91.5	20.60	2.95	-	-	-	-	-	-	-	100	-	-
Pritchard (IN)	55	113.1	25.11	1.19	-	-	-	-	-	-	-	100	-	-
Stout (IN)	146	108.1	23.48	1.47	-	-	-	-	-	-	-	100	-	-
Interstate Power Co	214	124.7	21.32	0.27	2	534.4	31.42	-	12	382.1	3.82	99	-	-
Dubuque (IA)	-	-	-	-	-	-	-	-	1	417.1	4.17	-	-	100
Fox Lake (MN)	-	-	-	-	-	-	-	-	11	376.7	3.77	-	-	100
Kapp (IA)	91	133.4	23.30	0.29	-	-	-	-	*	502.5	5.03	100	-	*
Lansing (IA)	123	118.1	19.86	0.25	2	534.4	31.42	-	-	-	-	100	*	-
Jacksonville Electric Auth	274	160.3	39.48	1.09	327	365.9	23.08	1.64	947	397.9	4.19	69	21	10
Northside (FL)	15	207.2	54.77	2.64	322	364.1	22.99	1.66	947	397.9	4.19	11	59	29
St Johns River (FL)	259	157.5	38.62	1.00	5	493.5	28.81	0.35	-	-	-	100	*	-
Jamestown City of	8	161.6	40.37	1.82	-	-	-	-	-	-	-	100	-	-
Samuel A Carlson (NY)	8	161.6	40.37	1.82	-	-	-	-	-	-	-	100	-	-
Kansas City City of	95	75.4	12.25	0.37	6	490.5	28.43	0.50	91	336.4	3.41	92	2	6
Kaw (KS)	-	-	-	-	-	-	-	-	42	341.5	3.45	-	-	100
Nearman (KS)	82	71.6	11.48	0.38	1	496.1	28.75	0.50	-	-	-	99	1	-
Quindaro (KS)	13	96.4	16.88	0.31	5	489.1	28.35	0.50	49	332.1	3.37	75	9	16
Kansas City Power & Light Co	986	73.8	12.95	0.46	4	510.5	29.74	0.23	561	315.5	3.16	97	-	3
Hawthorne (MO)	136	59.2	10.33	0.39	-	-	-	-	561	315.5	3.16	81	-	19
Iatan (MO)	211	70.6	12.36	0.28	-	-	-	-	-	-	-	100	-	-
La Cygne (KS)	498	73.6	12.97	0.57	-	-	-	-	-	-	-	100	-	-
Montrose (MO)	141	93.4	16.30	0.40	4	510.5	29.74	0.23	-	-	-	99	1	-
Kansas Gas & Electric Co	-	-	-	-	47	301.9	20.16	1.70	1,138	320.2	3.27	-	21	79
Evans (KS)	-	-	-	-	47	301.9	20.16	1.70	903	320.2	3.26	-	25	75
Gill (KS)	-	-	-	-	-	-	-	-	235	320.2	3.31	-	-	100
Kansas Power & Light Co	1,018	111.4	19.02	0.38	-	-	-	-	213	332.0	3.33	99	-	1
Hutchinson (KS)	-	-	-	-	-	-	-	-	213	332.0	3.33	-	-	100
Jeffrey Energy Cnt (KS)	749	116.9	19.76	0.38	-	-	-	-	-	-	-	100	-	-
Lawrence (KS)	191	97.4	17.10	0.37	-	-	-	-	-	-	-	100	-	-
Tecumseh (KS)	78	94.4	16.58	0.36	-	-	-	-	-	-	-	100	-	-
Kentucky Utilities Co	510	141.4	32.28	0.83	4	493.2	29.00	0.40	-	-	-	100	-	-
Brown (KY)	124	141.4	34.29	1.40	-	-	-	-	-	-	-	100	-	-
Ghent (KY)	353	142.4	31.69	0.55	4	493.5	29.02	0.40	-	-	-	100	*	-
Green River (KY)	20	136.0	30.17	2.33	1	492.0	28.93	0.40	-	-	-	99	1	-
Tyrone (KY)	14	127.5	32.22	0.85	-	-	-	-	-	-	-	100	-	-
Lafayette City of	-	-	-	-	-	-	-	-	532	299.1	3.13	-	-	100
Bonin (LA)	-	-	-	-	-	-	-	-	532	299.1	3.13	-	-	100
Lake Worth City of	-	-	-	-	2	561.0	32.52	0.20	200	442.0	4.42	-	6	94
Tom G Smith (FL)	-	-	-	-	2	561.0	32.52	0.20	200	442.0	4.42	-	6	94
Lansing City of	117	145.0	27.50	0.36	1	341.0	19.76	0.30	-	-	-	100	-	-
Eckert (MI)	92	132.2	23.22	0.31	1	341.0	19.76	0.30	-	-	-	100	*	-
Erickson (MI)	26	178.5	42.84	0.55	*	341.0	19.76	0.30	-	-	-	100	*	-
Long Island Lighting Co	-	-	-	-	1,326	351.1	22.60	0.89	5,987	383.3	3.90	-	58	42
Barrett (NY)	-	-	-	-	-	-	-	-	1,529	390.0	4.02	-	-	100
Far Rockaway (NY)	-	-	-	-	-	-	-	-	459	411.0	4.23	-	-	100
Glenwood (NY)	-	-	-	-	-	-	-	-	950	396.0	4.05	-	-	100
Northport (NY)	-	-	-	-	1,088	350.9	22.59	0.89	2,483	373.0	3.74	-	74	26

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, June 2002 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Coal	Petroleum	Gas
	(1,000 short tons)	(Cents/10 ⁶ Btu)	(\$/short ton)	%	(1,000 bbls)	(Cents/10 ⁶ Btu)	(\$/bbl)	%	(1,000 Mcf)	(Cents/10 ⁶ Btu)	(\$/Mcf)			
Long Island Lighting Co (Continued)														
Port Jefferson (NY)	-	-	-	-	238	351.7	22.66	0.91	566	365.0	3.69	-	73	27
Los Angeles City of	484	104.9	24.41	0.65	-	-	-	-	2,688	252.4	2.57	80	-	20
Harbor (CA)	-	-	-	-	-	-	-	-	477	252.4	2.56	-	-	100
Haynes (CA)	-	-	-	-	-	-	-	-	1,461	252.4	2.57	-	-	100
Intermountain (UT)	484	104.9	24.41	0.65	-	-	-	-	-	-	-	100	-	-
Scattergood (CA)	-	-	-	-	-	-	-	-	650	252.4	2.59	-	-	100
Valley (CA)	-	-	-	-	-	-	-	-	99	252.4	2.61	-	-	100
Louisiana Power & Light Co									12,352	364.3	3.76	-	-	100
Little Gypsy (LA)	-	-	-	-	-	-	-	-	2,294	366.8	3.79	-	-	100
Monroe (LA)	-	-	-	-	-	-	-	-	5	381.6	3.99	-	-	100
Nine Mile (LA)	-	-	-	-	-	-	-	-	8,006	364.7	3.77	-	-	100
Sterlington (LA)	-	-	-	-	-	-	-	-	1,032	344.4	3.54	-	-	100
Waterford (LA)	-	-	-	-	-	-	-	-	1,014	374.9	3.88	-	-	100
Louisville Gas & Electric Co	679	111.1	25.31	3.36	1	477.2	28.06	0.25	92	372.5	3.82	99	-	1
Cane Run (KY)	118	114.0	25.76	3.46	-	-	-	-	41	339.0	3.47	98	-	2
Mill Creek (KY)	369	110.0	24.89	3.36	*	446.6	26.26	0.25	51	399.0	4.09	99	*	1
Trimble County (KY)	191	111.5	25.85	3.30	1	478.1	28.11	0.25	-	-	-	100	*	-
Lower Colorado River Authority	674	99.1	16.82	0.35	-	-	-	-	1,814	317.2	3.27	86	-	14
Gideon (TX)	-	-	-	-	-	-	-	-	1,184	318.7	3.29	-	-	100
Sam Seymour (TX)	674	99.1	16.82	0.35	-	-	-	-	-	-	-	100	-	-
T C Ferguson (TX)	-	-	-	-	-	-	-	-	630	314.3	3.23	-	-	100
Lubbock City of									680	318.5	3.19	-	-	100
Holly Ave (TX)	-	-	-	-	-	-	-	-	470	317.8	3.19	-	-	100
Plant 2 (TX)	-	-	-	-	-	-	-	-	210	320.0	3.20	-	-	100
Madison Gas & Electric Co	23	152.8	33.50	1.46	-	-	-	-	88	379.8	3.80	85	-	15
Blount (WI)	23	152.8	33.50	1.46	-	-	-	-	88	379.8	3.80	85	-	15
Manitowoc Public Utilities	30	175.3	46.08	1.44	-	-	-	-	-	-	-	100	-	-
Manitowoc (WI)	30	175.3	46.08	1.44	-	-	-	-	-	-	-	100	-	-
Massachusetts Mun Wholes El Co									187	369.5	3.79	-	-	100
Stonybrook (MA)	-	-	-	-	-	-	-	-	187	369.5	3.79	-	-	100
Medina Electric Coop Inc									33	348.0	4.09	-	-	100
Pearsall (TX)	-	-	-	-	-	-	-	-	33	348.0	4.09	-	-	100
Michigan South Central Pwr Agy	13	173.5	40.62	3.10	-	-	-	-	-	-	-	100	-	-
Project 1 (MI)	13	173.5	40.62	3.10	-	-	-	-	-	-	-	100	-	-
MidAmerican Energy	1,254	76.5	13.21	0.31	-	-	-	-	59	400.9	4.02	100	-	-
Council Bluffs (IA)	344	67.1	11.47	0.31	-	-	-	-	3	457.0	4.61	100	-	*
George Neal 1-4 (IA)	562	73.2	12.63	0.33	-	-	-	-	13	500.9	5.02	100	-	*
Louisa (IA)	279	91.3	15.96	0.28	-	-	-	-	4	406.2	4.09	100	-	*
Riverside (IA)	69	88.3	15.52	0.27	-	-	-	-	39	363.2	3.64	97	-	3
Minnesota Power & Light Co	373	114.3	20.74	0.59	1	529.7	30.48	0.20	-	-	-	100	-	-
Boswell Energy Center (MN)	341	113.7	20.56	0.61	1	533.5	30.70	0.20	-	-	-	100	*	-
Laskin Energy Center (MN)	31	121.2	22.65	0.40	*	517.9	29.80	0.20	-	-	-	100	*	-
Minnkota Power Coop Inc	336	53.9	7.15	0.85	1	526.4	30.95	0.40	-	-	-	100	-	-
Young (ND)	336	53.9	7.15	0.85	1	526.4	30.95	0.40	-	-	-	100	*	-
Mississippi Power & Light Co									7,203	347.6	3.58	-	-	100
Brown (MS)	-	-	-	-	-	-	-	-	646	343.1	3.50	-	-	100
Delta (MS)	-	-	-	-	-	-	-	-	15	359.8	3.67	-	-	100
Gerald Andrus (MS)	-	-	-	-	-	-	-	-	2,718	345.8	3.58	-	-	100
Wilson (MS)	-	-	-	-	*	523.3	30.78	0.50	3,824	349.6	3.59	-	*	100
Mississippi Power Co	381	159.0	37.04	0.57	-	-	-	-	3,367	338.7	3.49	72	-	28
Daniel (MS)	171	166.4	39.33	0.53	-	-	-	-	2,976	340.3	3.50	57	-	43
Eaton (MS)	-	-	-	-	-	-	-	-	*	322.0	3.32	-	-	100
Petal Gas (MS)	-	-	-	-	-	-	-	-	211	327.2	3.37	-	-	100
Sweatt (MS)	-	-	-	-	-	-	-	-	3	320.1	3.28	-	-	100
Watson (MS)	210	152.8	35.19	0.60	-	-	-	-	178	325.6	3.38	96	-	4
Monongahela Power Co	252	115.2	28.80	2.73	1	566.6	33.55	0.30	17	652.0	6.52	100	-	-
Albright (WV)	35	118.2	29.94	1.65	1	558.1	33.05	0.30	-	-	-	100	*	-
Ft Martin (WV)	44	111.7	28.08	1.72	1	574.3	34.01	0.30	-	-	-	100	*	-
Harrison (WV)	74	120.9	29.93	3.62	*	569.1	33.70	0.30	4	665.1	6.65	100	*	*
Pleasants (WV)	57	98.4	24.05	3.98	*	703.9	41.68	0.30	11	652.3	6.52	99	*	1
Rivesville (WV)	10	134.6	32.82	1.05	*	548.1	32.46	0.30	-	-	-	99	1	-
Willow Island (WV)	32	126.5	33.07	1.61	-	-	-	-	1	601.1	6.01	100	-	*
Montana-Dakota Utilities Co	234	79.1	11.03	0.87	-	-	-	-	-	419.8	4.72	100	-	-
Coyote (ND)	175	70.1	9.77	0.97	-	-	-	-	-	-	-	100	-	-
Heskett (ND)	35	97.2	13.83	0.60	-	-	-	-	-	-	-	100	-	-
Lewis and Clark (MT)	24	119.1	16.10	0.50	-	-	-	-	*	419.8	4.72	100	-	*
Morgan City City of									101	345.0	3.61	-	-	100
Morgan City (LA)	-	-	-	-	-	-	-	-	101	345.0	3.61	-	-	100
Muscataine City of	123	80.6	13.31	0.32	-	-	-	-	18	378.8	3.81	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, June 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	Pe- tro- leum	Gas
		(Cents/ 10 ⁶ Btu)	(\$/ short ton)			(Cents/ 10 ⁶ Btu)	(\$ bbl)			(Cents/ 10 ⁶ Btu)	(\$/ Mcf)			
Muscatine City of (Continued)														
Muscatine (IA).....	123	80.6	13.31	0.32	-	-	-	-	18	378.8	3.81	99	-	1
Nebraska Public Power District	589	52.0	8.90	0.30	-	521.2	30.24	0.10	12	501.0	5.01	100	-	-
Gerald Gentleman (NE).....	514	50.1	8.56	0.30	*	528.0	30.63	0.10	12	500.0	5.00	100	*	*
Sheldon (NE).....	75	65.1	11.22	0.33	*	513.9	29.82	0.10	*	574.1	5.74	100	*	*
Nevada Power Co.	175	134.8	31.28	0.70	7	544.3	31.80	0.30	3,587	487.0	5.02	52	-	47
Clark (NV).....	-	-	-	-	-	-	-	-	3,162	487.0	5.02	-	-	100
Gardner (NV).....	175	134.8	31.28	0.70	7	544.3	31.80	0.30	-	-	-	99	1	-
Sunrise (NV).....	-	-	-	-	-	-	-	-	425	487.0	5.03	-	-	100
New Orleans Public Service Inc.	-	-	-	-	-	532.4	31.46	0.50	3,176	350.8	3.64	-	-	100
Michoud (LA).....	-	-	-	-	-	-	-	-	3,052	350.7	3.64	-	-	100
Paterson (LA).....	-	-	-	-	*	532.4	31.46	0.50	124	352.4	3.67	-	1	99
Northern Indiana Pub Serv Co	562	127.7	26.27	1.38	-	-	-	-	40	258.9	2.61	100	-	-
Bailly (IN).....	88	117.8	26.15	2.97	-	-	-	-	4	459.0	4.63	100	-	*
Michigan City (IN).....	70	134.2	25.08	0.33	-	-	-	-	33	143.4	1.45	98	-	2
Rollin Schahfer (IN).....	404	129.0	26.51	1.22	-	-	-	-	3	1,173.5	11.83	100	-	*
Northern States Power Co	1,075	99.4	17.50	0.43	-	-	-	-	516	350.8	3.53	97	-	3
Bay Front (WI).....	2	160.0	36.14	0.38	-	-	-	-	14	377.7	3.79	76	-	24
Black Dog (MN).....	72	114.7	20.06	0.21	-	-	-	-	472	347.7	3.50	73	-	27
High Bridge (MN).....	74	104.6	18.64	0.20	-	-	-	-	8	485.5	4.90	99	-	1
King (MN).....	174	114.3	20.36	0.30	-	-	-	-	-	-	-	100	-	-
Riverside (MN).....	100	104.5	18.52	0.20	-	-	-	-	22	353.0	3.56	99	-	1
Sherburne County (MN).....	654	92.2	16.12	0.55	-	-	-	-	-	-	-	100	-	-
Ohio Valley Electric Corp.	163	115.0	30.97	0.98	-	536.8	30.66	0.30	-	-	-	100	-	-
Kyger Creek (OH).....	163	115.0	30.97	0.98	*	536.8	30.66	0.30	-	-	-	100	*	-
Oklahoma Gas & Electric Co.	691	90.0	15.81	0.24	10	477.9	28.57	0.05	7,827	346.6	3.59	60	-	40
Horseshoe Lake (OK).....	-	-	-	-	-	-	-	-	1,592	346.6	3.59	-	-	100
Muskogee (OK).....	422	93.7	16.46	0.25	-	-	-	-	685	346.6	3.59	91	-	9
Mustang (OK).....	-	-	-	-	-	-	-	-	1,253	346.6	3.59	-	-	100
Seminole (OK).....	-	-	-	-	-	-	-	-	4,297	346.6	3.59	-	-	100
Sooner (OK).....	269	84.2	14.81	0.24	10	477.9	28.57	0.05	-	-	-	99	1	-
Omaha Public Power District	385	63.0	10.98	0.31	2	477.2	27.66	0.20	73	382.9	3.89	99	-	1
Nebraska City (NE).....	229	60.9	10.61	0.32	2	477.2	27.66	0.20	-	-	-	100	*	-
North Omaha (NE).....	156	65.9	11.52	0.28	-	-	-	-	73	382.9	3.89	97	-	3
Orrville City of	18	121.0	28.06	4.14	-	-	-	-	-	-	-	100	-	-
Orrville (OH).....	18	121.0	28.06	4.14	-	-	-	-	-	-	-	100	-	-
Otter Tail Power Co	196	131.7	22.99	0.33	-	-	-	-	-	-	-	100	-	-
Big Stone (SD).....	151	130.8	22.38	0.34	-	-	-	-	-	-	-	100	-	-
Hoot Lake (MN).....	45	134.6	25.04	0.32	-	-	-	-	-	-	-	100	-	-
Owensboro City of	95	92.0	18.99	3.28	-	-	-	-	-	-	-	100	-	-
Smith (KY).....	95	92.0	18.99	3.28	-	-	-	-	-	-	-	100	-	-
Pacific Gas & Electric Co	-	-	-	-	1	591.7	36.98	1.10	689	286.3	2.92	-	1	99
Humboldt Bay (CA).....	-	-	-	-	1	591.7	36.98	1.10	327	286.3	2.92	-	1	99
Hunters Point (CA).....	-	-	-	-	-	-	-	-	362	286.3	2.92	-	-	100
PacifiCorp	1,382	89.5	16.58	0.52	-	-	-	-	507	479.0	5.13	98	-	2
Emery-Hunter (UT).....	260	75.4	16.96	0.68	-	-	-	-	-	-	-	100	-	-
Gadsby (UT).....	-	-	-	-	-	-	-	-	507	479.0	5.13	-	-	100
Jim Bridger (WY).....	630	117.0	21.53	0.51	-	-	-	-	-	-	-	100	-	-
Johnston (WY).....	316	62.2	10.39	0.35	-	-	-	-	-	-	-	100	-	-
Wyodak (WY).....	176	57.7	9.39	0.61	-	-	-	-	-	-	-	100	-	-
Painesville City of	11	144.9	35.64	2.75	-	-	-	-	1	649.7	6.50	100	-	-
Painesville (OH).....	11	144.9	35.64	2.75	-	-	-	-	1	649.7	6.50	100	-	*
Platte River Power Authority	89	61.4	10.88	0.22	-	-	-	-	-	-	-	100	-	-
Rawhide (CO).....	89	61.4	10.88	0.22	-	-	-	-	-	-	-	100	-	-
Portland General Electric Co	-	-	-	-	-	-	-	-	142	288.7	2.95	-	-	100
Beaver (OR).....	-	-	-	-	-	-	-	-	136	292.4	2.98	-	-	100
Coyote Springs (OR).....	-	-	-	-	-	-	-	-	6	204.2	2.08	-	-	100
Public Service Co of Colorado	838	93.5	17.68	0.49	-	-	-	-	2,432	201.8	1.99	87	-	13
Arapahoe (CO).....	42	122.6	21.73	0.25	-	-	-	-	82	290.6	2.60	91	-	9
Cameo (CO).....	25	101.0	22.55	0.58	-	-	-	-	4	212.2	2.15	99	-	1
Cherokee (CO).....	60	110.2	25.07	2.13	-	-	-	-	108	288.1	2.83	93	-	7
Comanche (CO).....	269	69.1	11.87	0.32	-	-	-	-	10	290.1	2.90	100	-	*
Fort St. Vrain (CO).....	-	-	-	-	-	-	-	-	2,141	190.3	1.89	-	-	100
Hayden (CO).....	171	102.0	21.53	0.41	-	-	-	-	*	273.5	3.09	100	-	*
Pawnee (CO).....	209	93.4	15.78	0.35	-	-	-	-	15	289.9	3.00	100	-	*
Valmont (CO).....	63	117.0	26.65	0.45	-	-	-	-	1	302.7	2.99	100	-	*
Zuni (CO).....	-	-	-	-	-	-	-	-	70	290.7	2.90	-	-	100
Public Service Co of NH	123	177.8	48.02	0.98	2	496.1	28.71	0.27	72	321.8	3.39	97	-	2
Merrimack (NH).....	69	196.1	54.08	1.10	*	495.3	28.67	0.27	-	-	-	100	*	-
Newington Station (NH).....	-	-	-	-	2	496.2	28.72	0.27	72	321.8	3.39	-	13	87

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, June 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	Pe- tro- leum	Gas
		(Cents/ 10 ⁶ Btu)	(\$/ short ton)			(Cents/ 10 ⁶ Btu)	(\$ bbl)			(Cents/ 10 ⁶ Btu)	(\$/ Mcf)			
Public Service Co of NH (Continued).....														
Schiller (NH)	54	153.0	40.24	0.84	-	-	-	-	-	-	-	100	-	-
Public Service Co of NM.....	595	166.7	32.11	0.76	1	556.6	31.79	-	246	372.5	3.85	98	-	2
Reeves (NM).....	-	-	-	-	-	-	-	-	246	372.5	3.85	-	-	100
San Juan (NM).....	595	166.7	32.11	0.76	1	556.6	31.79	-	-	-	-	100	*	-
Public Service Co of Oklahoma.....	377	99.2	17.19	0.40	-	-	-	-	7,986	333.6	3.42	44	-	56
Comanche (CS) (OK).....	-	-	-	-	-	-	-	-	1,169	336.9	3.47	-	-	100
Northeastern (OK).....	377	99.2	17.19	0.40	-	-	-	-	3,488	334.8	3.41	65	-	35
Riverside (OK).....	-	-	-	-	-	-	-	-	2,291	330.4	3.40	-	-	100
Southwestern (OK).....	-	-	-	-	-	-	-	-	863	332.1	3.44	-	-	100
Tulsa (OK).....	-	-	-	-	-	-	-	-	174	336.7	3.45	-	-	100
Puget Sound Power & Light Co.....	242	76.3	13.03	0.73	5	566.1	33.52	0.50	-	-	-	99	1	-
Colstrip (MT).....	242	76.3	13.03	0.73	5	566.1	33.52	0.50	-	-	-	99	1	-
Richmond City of.....	32	156.3	37.53	2.05	-	-	-	-	-	-	-	100	-	-
Whitewater (IN).....	32	156.3	37.53	2.05	-	-	-	-	-	-	-	100	-	-
Rochester Gas & Electric Corp.....	37	163.7	42.73	2.25	-	-	-	-	-	-	-	100	-	-
Russell Station 7 (NY).....	37	163.7	42.73	2.25	-	-	-	-	-	-	-	100	-	-
S Mississippi Elec Pwr Assn.....	96	162.4	40.72	1.02	-	-	-	-	457	352.9	3.65	84	-	16
Moselle (MS).....	-	-	-	-	-	-	-	-	457	352.9	3.65	-	-	100
R D Morrow (MS).....	96	162.4	40.72	1.02	-	-	-	-	-	-	-	100	-	-
Sacramento Municipal Utility.....	-	-	-	-	-	-	-	-	2,334	406.8	4.07	-	-	100
Central Valley (CA).....	-	-	-	-	-	-	-	-	404	406.6	4.07	-	-	100
SCA Cogen Proj (CA).....	-	-	-	-	-	-	-	-	786	406.8	4.07	-	-	100
SPA Cogen Proj (CA).....	-	-	-	-	-	-	-	-	1,144	407.0	4.07	-	-	100
Salt River Proj Ag I & P Dist.....	936	126.1	26.75	0.53	-	-	-	-	2,039	253.1	2.57	91	-	9
Agua Fria (AZ).....	-	-	-	-	-	-	-	-	785	256.5	2.60	-	-	100
Coronado (AZ).....	283	145.5	28.51	0.55	-	-	-	-	-	-	-	100	-	-
Kyrene (AZ).....	-	-	-	-	-	-	-	-	572	250.8	2.56	-	-	100
Navajo (AZ).....	654	118.6	25.99	0.52	-	-	-	-	-	-	-	100	-	-
Santan (AZ).....	-	-	-	-	-	-	-	-	682	251.1	2.56	-	-	100
San Antonio City of.....	534	118.6	20.26	0.31	-	-	-	-	1,890	353.3	3.56	83	-	17
Arthur Rosenberg (TX).....	-	-	-	-	-	-	-	-	868	353.3	3.57	-	-	100
Braunig (TX).....	-	-	-	-	-	-	-	-	323	353.3	3.55	-	-	100
JT Deely/Spruce (TX).....	534	118.6	20.26	0.31	-	-	-	-	-	-	-	100	-	-
Sommers (TX).....	-	-	-	-	-	-	-	-	699	353.3	3.56	-	-	100
Seminole Electric Coop Inc.....	-	-	-	-	-	-	-	-	1,561	420.5	4.21	-	-	100
Payne Creek (FL).....	-	-	-	-	-	-	-	-	1,561	420.5	4.21	-	-	100
Sierra Pacific Power Co.....	-	-	-	-	-	-	-	-	2,052	507.1	5.20	-	-	100
Fort Churchill (NV).....	-	-	-	-	-	-	-	-	903	347.0	3.56	-	-	100
Pinon Pine (NV).....	-	-	-	-	-	-	-	-	449	898.1	9.20	-	-	100
Tracy (NV).....	-	-	-	-	-	-	-	-	700	463.2	4.74	-	-	100
Sikeston City of.....	88	111.7	19.57	0.28	-	-	-	-	-	-	-	100	-	-
Sikeston (MO).....	88	111.7	19.57	0.28	-	-	-	-	-	-	-	100	-	-
South Carolina Electric&Gas Co.....	559	163.4	41.73	1.08	8	519.8	30.13	0.20	3	513.9	5.28	100	-	-
Canadys (SC).....	116	157.7	40.07	1.30	4	530.5	30.75	0.20	3	513.9	5.28	99	1	*
Cope (SC).....	138	161.0	40.26	0.96	*	513.9	29.79	0.20	-	-	-	100	*	-
Mcmeekin (SC).....	*	165.6	41.40	0.80	-	-	-	-	-	-	-	100	-	-
Urguhart (SC).....	23	158.2	42.67	1.40	-	-	-	-	-	-	-	100	-	-
Waterree (SC).....	143	164.0	42.07	1.24	1	519.7	30.12	0.20	-	-	-	100	*	-
Williams (SC).....	139	171.0	44.07	0.80	2	501.8	29.08	0.20	-	-	-	100	*	-
South Carolina Pub Serv Auth.....	644	148.0	37.56	1.17	-	-	-	-	-	-	-	100	-	-
Cross (SC).....	281	146.6	37.45	1.25	-	-	-	-	-	-	-	100	-	-
Grainger (SC).....	19	185.5	45.86	1.32	-	-	-	-	-	-	-	100	-	-
Jefferies (SC).....	46	128.0	31.83	1.16	-	-	-	-	-	-	-	100	-	-
Winyah (SC).....	298	149.9	38.02	1.08	-	-	-	-	-	-	-	100	-	-
Southern California Edison Co.....	422	121.2	26.57	0.49	-	-	-	-	14	585.2	6.03	100	-	-
Mohave (NV).....	422	121.2	26.57	0.49	-	-	-	-	14	585.2	6.03	100	-	*
Southwestern Electric Power Co.....	1,077	142.3	22.68	0.63	-	-	-	-	2,811	332.5	3.45	85	-	15
Arsenal Hill (LA).....	-	-	-	-	-	-	-	-	192	330.6	3.47	-	-	100
Flint Creek (AR).....	222	162.1	27.86	0.32	-	-	-	-	-	-	-	100	-	-
Knox Lee (TX).....	-	-	-	-	-	-	-	-	701	334.8	3.47	-	-	100
Lieberman (LA).....	-	-	-	-	-	-	-	-	224	356.7	3.62	-	-	100
Pirkey (TX).....	354	115.8	15.41	1.33	-	-	-	-	16	333.6	3.66	100	-	*
Welsh Station (TX).....	501	148.0	25.52	0.28	-	-	-	-	-	-	-	100	-	-
Wilkes (TX).....	-	-	-	-	-	-	-	-	1,678	328.6	3.41	-	-	100
Southwestern Public Service Co.....	761	132.9	23.35	0.27	-	-	-	-	6,729	310.3	3.15	66	-	34
Cunningham (NM).....	-	-	-	-	-	-	-	-	1,401	303.9	3.10	-	-	100
Harrington (TX).....	378	132.5	23.31	0.26	-	-	-	-	3	371.8	3.78	100	-	*
Jones (TX).....	-	-	-	-	-	-	-	-	2,185	305.7	3.06	-	-	100
Maddox (NM).....	-	-	-	-	-	-	-	-	570	309.6	3.16	-	-	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, June 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)			
Southwestern Public Service Co														
Nichols (TX).....	-	-	-	-	-	-	-	-	1,379	319.1	3.29	-	-	100
Plant X (TX).....	-	-	-	-	-	-	-	-	1,185	315.9	3.18	-	-	100
Tolk (TX).....	383	133.3	23.39	0.28	-	-	-	-	7	371.8	3.74	100	-	*
Springfield City of	85	117.1	24.54	3.28	-	-	-	-	-	-	-	100	-	-
Dallman (IL).....	85	117.1	24.55	3.28	-	-	-	-	-	-	-	100	-	-
Lakeside (IL).....	*	107.1	22.45	3.28	-	-	-	-	-	-	-	100	-	-
Springfield City of	158	117.9	22.32	0.42	-	-	-	-	26	367.3	3.72	99	-	1
James River (MO).....	91	123.2	24.28	0.57	-	-	-	-	19	367.3	3.72	99	-	1
Southwest (MO).....	67	110.1	19.67	0.20	-	-	-	-	7	367.3	3.72	99	-	1
St Joseph Light & Power Co	24	89.1	15.47	0.30	-	-	-	-	79	332.1	3.38	84	-	16
Lakeroad (MO).....	24	89.1	15.47	0.30	-	-	-	-	79	332.1	3.38	84	-	16
Tallahassee City of	-	-	-	-	-	-	-	-	1,761	383.0	3.99	-	-	100
Hopkins (FL).....	-	-	-	-	-	-	-	-	736	383.0	3.99	-	-	100
Purdom (FL).....	-	-	-	-	-	-	-	-	1,025	383.0	3.98	-	-	100
Tampa Electric⁵ Co	551	153.6	36.96	2.05	39	520.2	30.15	-	-	-	-	98	2	-
Big Bend (FL).....	-	-	-	-	3	498.2	28.88	-	-	-	-	-	100	-
Davant Transfer (FL).....	551	153.6	36.96	2.05	-	-	-	-	-	-	-	100	-	-
Gannon (FL).....	-	-	-	-	4	503.5	29.18	-	-	-	-	-	100	-
Polk Station (FL).....	-	-	-	-	32	524.6	30.41	-	-	-	-	-	100	-
Taunton City of	-	-	-	-	-	-	-	-	38	525.5	5.44	-	-	100
Cleary (MA).....	-	-	-	-	-	-	-	-	38	525.5	5.44	-	-	100
Tennessee Valley Authority⁶	3,459	117.0	26.65	1.66	15	502.9	29.55	0.50	-	-	-	100	-	-
Bull Run (TN).....	171	125.3	31.27	0.93	3	529.7	31.12	0.50	-	-	-	100	*	-
Cora Transfer (TN).....	176	107.9	21.26	0.46	-	-	-	-	-	-	-	100	-	-
Cumberland (TN).....	656	102.2	24.65	2.87	5	486.7	28.60	0.50	-	-	-	100	*	-
GRT Terminal (TN).....	943	120.4	25.42	0.74	-	-	-	-	-	-	-	100	-	-
Johnsonville (TN).....	72	121.8	29.95	1.57	-	-	-	-	-	-	-	100	-	-
Kingston (TN).....	293	130.6	31.91	0.87	-	-	-	-	-	-	-	100	-	-
Paradise (KY).....	446	96.1	20.49	3.51	2	491.4	28.88	0.50	-	-	-	100	*	-
Sevier (TN).....	171	129.5	33.25	0.83	-	-	-	-	-	-	-	100	-	-
Shawnee (KY).....	304	137.5	32.37	0.82	1	492.7	28.95	0.50	-	-	-	100	*	-
Widows Creek (AL).....	226	126.5	29.94	2.57	4	512.7	30.12	0.50	-	-	-	100	*	-
Terrabonne Parrish Con	-	-	-	-	-	-	-	-	120	337.9	3.51	-	-	100
Houma (LA).....	-	-	-	-	-	-	-	-	120	337.9	3.51	-	-	100
Texas Municipal Power Agency	85	137.2	23.12	0.33	-	-	-	-	-	-	-	100	-	-
Gibbons Creek (TX).....	85	137.2	23.12	0.33	-	-	-	-	-	-	-	100	-	-
Texas-New Mexico Power Co	189	148.2	20.63	0.87	-	-	-	-	2	328.0	3.35	100	-	-
TNP One (Tx).....	189	148.2	20.63	0.87	-	-	-	-	2	328.0	3.35	100	-	*
Tri State Gen & Trans Assn, Inc	351	115.9	24.05	0.36	-	-	-	-	11	212.1	2.34	100	-	-
Craig (CO).....	335	110.1	22.78	0.34	-	-	-	-	11	212.1	2.34	100	-	*
Nucla (CO).....	16	232.7	51.47	0.88	-	-	-	-	-	-	-	100	-	-
Tucson Electric Power Co	295	148.9	27.95	0.88	-	-	-	-	1,160	339.1	3.48	82	-	18
Irvington (AZ).....	22	220.5	51.63	0.49	-	-	-	-	1,160	339.1	3.48	30	-	70
Springerville (AZ).....	274	141.7	26.08	0.91	-	-	-	-	-	-	-	100	-	-
United Power Assn	93	75.9	9.98	0.64	-	-	-	-	-	-	-	100	-	-
Stanton (ND).....	93	75.9	9.98	0.64	-	-	-	-	-	-	-	100	-	-
UtiliCorp United Inc	99	96.4	19.64	0.34	-	-	-	-	-	-	-	100	-	-
Sibley (MO).....	99	96.4	19.64	0.34	-	-	-	-	-	-	-	100	-	-
Vineland City of	-	-	-	-	5	484.4	28.99	0.38	-	-	-	-	100	-
H M Down (NJ).....	-	-	-	-	5	484.4	28.99	0.38	-	-	-	-	100	-
Virginia Electric & Power Co	1,316	150.6	37.86	1.33	332	387.6	24.45	0.75	1,668	422.9	4.35	90	6	5
Bremo Bluff (VA).....	65	173.3	43.36	0.86	2	614.7	36.14	0.20	-	-	-	99	1	-
Chesapeake Energy (VA).....	132	181.9	47.61	0.96	19	614.6	36.14	0.20	-	-	-	97	3	-
Chesterfield (VA).....	321	166.3	42.95	1.11	-	-	-	-	1,634	424.8	4.37	83	-	17
Clover (VA).....	212	151.1	38.87	1.06	1	614.3	36.12	0.05	-	-	-	100	*	-
Mount Storm (WV).....	404	115.5	28.08	1.74	5	550.4	32.36	0.20	-	-	-	100	*	-
North Branch (VA).....	35	98.8	19.49	2.93	-	-	-	-	-	-	-	100	-	-
Possum Point (VA).....	67	198.4	49.21	0.95	244	374.5	23.75	0.69	-	-	-	52	48	-
Storage Facility #1.....	-	-	-	-	59	344.9	22.02	1.30	-	-	-	-	100	-
Yorktown (VA).....	79	157.9	41.07	1.58	2	572.9	33.69	0.20	34	310.3	3.37	98	*	2
West Penn Power Co	62	119.2	30.31	2.13	-	-	-	-	-	-	-	100	-	-
Hatfield (PA).....	62	119.2	30.31	2.13	*	494.3	29.27	0.30	-	-	-	100	*	-
Western Farmers Elec Coop Inc	162	115.4	19.91	0.25	-	-	-	-	987	327.9	3.37	73	-	27
Anadarko (OK).....	-	-	-	-	-	-	-	-	855	327.9	3.37	-	-	100
Hugo (OK).....	162	115.4	19.91	0.25	-	-	-	-	-	-	-	100	-	-
Mooreland (OK).....	-	-	-	-	-	-	-	-	131	327.9	3.34	-	-	100
WestPlains Energy	-	-	-	-	-	-	-	-	526	315.7	3.13	-	-	100
Cimarron River (KS).....	-	-	-	-	-	-	-	-	256	322.0	3.20	-	-	100
Large (KS).....	-	-	-	-	-	-	-	-	207	304.5	3.01	-	-	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, June 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)			
WestPlains Energy (Continued).....														
Mullergren (KS)	-	-	-	-	-	-	-	-	64	325.9	3.25	-	-	100
Wisconsin Electric Power Co	873	102.8	19.37	0.38	2	538.1	31.37	0.10	135	380.2	3.82	99	-	1
Oak Creek (WI)	147	98.7	17.66	0.20	-	-	-	-	102	373.2	3.75	96	-	4
Pleasant Prairie (WI)	416	77.6	13.21	0.33	-	-	-	-	25	393.1	3.95	100	-	*
Port Washington (WI)	28	126.8	33.32	1.44	-	-	-	-	1	490.7	4.96	100	-	*
Presque Isle (MI)	237	125.2	25.89	0.40	2	538.1	31.37	0.10	-	-	-	100	*	-
Valley (WI).....	45	159.0	38.79	0.63	-	-	-	-	6	420.4	4.25	99	-	1
Wisconsin Power & Light Co	717	115.3	20.06	0.34	-	-	-	-	4	423.4	4.23	100	-	-
Blackhawk (WI)	-	-	-	-	-	-	-	-	4	423.4	4.23	-	-	100
Columbia (WI).....	402	117.5	20.07	0.36	-	-	-	-	-	-	-	100	-	-
Edgewater (WI).....	230	110.5	19.26	0.31	-	-	-	-	-	-	-	100	-	-
Nelson Dewey (WI).....	85	118.3	22.16	0.35	-	-	-	-	-	-	-	100	-	-
Wisconsin Public Service Corp	290	104.3	18.43	0.24	-	-	-	-	40	434.0	4.36	99	-	1
Pulliam (WI)	134	102.5	18.35	0.20	-	-	-	-	28	433.9	4.36	99	-	1
Weston (WI)	156	105.9	18.49	0.27	-	-	-	-	12	434.3	4.36	100	-	*
Wyandotte Municipal Serv Comm	-	-	-	-	-	-	-	-	12	451.0	4.51	-	-	100
Wyandotte (MI)	-	-	-	-	-	-	-	-	12	451.0	4.51	-	-	100
U.S. Total.....	51,965	121.6	24.59	0.82	6,561	370.4	23.72	1.01	165,341	357.9	3.67	83	3	13

¹ The June 2002 petroleum coke receipts were 153,440 short tons and cost was 54.0 cents per million Btu.

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

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

⁴ The cost reported under IMT Transfer (Louisiana) is the weighted average cost of coal delivered to this facility. Florida Power Corporation incurs additional costs for transporting coal from the transfer facility to the Crystal River power plant. These additional costs are not included in data shown in this report. When aggregated at the 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 July 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
Total	224,386	20,193	261,984	155,143	14,466	7,668	47,277	731,116
Year to Date								
2002	224,386	20,193	261,984	155,143	14,466	7,668	47,277	731,116
2001	206,949	33,949	214,107	132,274	12,897	7,988	42,479	650,642

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, and solar thermal, batteries, chemicals, hydrogen, sulfur, pitch, purchased steam and miscellaneous technologies.

Notes: • Values for 2002 are estimates. • Values for 2000 and 2001 are preliminary. • Values for 1999 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 July 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
Total	661,204	224,386	20,193	261,984	155,143	-501
Year to Date						
2002	661,204	224,386	20,193	261,984	155,143	-501
2001	586,663	206,949	33,949	214,107	132,274	-616

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 July 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
Total	69,912	14,967	7,668	41,939	4,866	-	473
Year to Date							
2002	69,912	14,967	7,668	41,939	4,866	-	473
2001	63,979	13,512	7,988	38,459	3,567	-	453

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	July 2002	June 2002	July 2001	Year to Date		
				2002	2001	Difference (percent)
New England	10,246	8,504	8,549	59,740	53,309	12.1
Middle Atlantic	32,871	29,112	28,695	186,923	183,095	2.1
East North Central	21,692	17,578	17,635	113,513	107,355	5.7
West North Central	1,022	901	772	5,628	4,187	34.4
South Atlantic	15,402	12,371	14,124	83,573	84,618	-1.2
East South Central	3,797	2,790	2,884	18,303	15,889	15.2
West South Central	28,719	25,097	14,735	160,526	86,815	84.9
Mountain	3,708	3,119	3,558	23,615	20,746	13.8
Pacific Contiguous	13,051	11,079	14,466	76,416	91,436	-16.4
Pacific Noncontiguous	459	463	494	2,878	3,194	-9.9
U.S. Total	130,966	111,015	105,912	731,116	650,642	12.4

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	July 2002	June 2002	July 2001	Year to Date				
				Coal Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	1,516	1,277	1,327	8,645	9,053	-4.5	14.5	17.0
Middle Atlantic.....	11,977	10,334	11,792	69,626	77,710	-10.4	37.2	42.4
East North Central	7,989	6,551	5,933	40,293	36,207	11.3	35.5	33.7
West North Central	NM	NM	NM	2,096	1,738	20.6	37.3	41.5
South Atlantic	7,882	6,835	7,749	45,397	46,897	-3.2	54.3	55.4
East South Central	1,184	1,138	1,244	7,841	8,235	-4.8	42.8	51.8
West South Central.....	5,937	5,927	1,578	36,284	9,940	265.0	22.6	11.4
Mountain	698	706	1,629	7,388	9,859	-25.1	31.3	47.5
Pacific Contiguous.....	666	408	1,023	5,745	6,231	-7.8	7.5	6.8
Pacific Noncontiguous.....	NM	NM	162	1,070	1,081	-1.0	37.2	33.9
U.S. Total.....	38,379	33,660	32,770	224,386	206,949	8.4	30.7	31.8

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

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • 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	July 2002	June 2002	July 2001	Year to Date				
				Petroleum Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	1,095	541	1,047	5,673	10,851	-47.7	9.5	20.4
Middle Atlantic.....	1,244	685	974	4,201	9,195	-54.3	2.2	5.0
East North Central	NM	NM	409	597	1,595	-62.6	0.5	1.5
West North Central.....	NM	NM	NM	28	68	-59.1	0.5	1.6
South Atlantic.....	968	643	818	4,159	5,960	-30.2	5.0	7.0
East South Central.....	NM	NM	NM	145	235	-38.3	0.8	1.5
West South Central.....	303	450	NM	2,374	2,179	9.0	1.5	2.5
Mountain.....	NM	NM	NM	549	373	47.1	2.3	1.8
Pacific Contiguous.....	NM	NM	NM	1,762	2,319	-24.0	2.3	2.5
Pacific Noncontiguous.....	NM	145	NM	704	1,174	-40.0	24.5	36.8
U.S. Total.....	4,352	2,849	4,030	20,193	33,949	-40.5	2.8	5.2

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

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • 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	July 2002	June 2002	July 2001	Year to Date				
				Gas Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	4,214	3,387	3,094	23,363	16,112	45.0	39.1	30.2
Middle Atlantic.....	7,107	5,688	5,387	30,344	26,607	14.0	16.2	14.5
East North Central	5,165	2,617	2,759	17,902	11,376	57.4	15.8	10.6
West North Central	NM	NM	NM	1,492	701	112.9	26.5	16.7
South Atlantic	3,650	2,211	2,472	14,760	11,413	29.3	17.7	13.5
East South Central	1,809	961	990	5,500	3,527	55.9	30.1	22.2
West South Central.....	19,852	16,194	12,043	105,149	69,333	51.7	65.5	79.9
Mountain	2,127	1,734	1,371	11,718	6,929	69.1	49.6	33.4
Pacific Contiguous.....	9,672	8,038	10,793	51,207	67,680	-24.3	67.0	74.0
Pacific Noncontiguous.....	NM	NM	NM	549	428	28.2	19.1	13.4
U.S. Total.....	54,100	41,188	39,214	261,984	214,107	22.4	35.8	32.9

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	July 2002	June 2002	July 2001	Year to Date				
				Hydroelectric Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	366	643	NM	3,647	3,409	7.0	6.1	6.4
Middle Atlantic.....	269	531	325	3,396	3,533	-3.9	1.8	1.9
East North Central	NM	NM	NM	294	232	26.9	0.3	0.2
West North Central.....	NM	NM	NM	255	196	30.3	4.5	4.7
South Atlantic.....	162	309	169	2,222	2,045	8.7	2.7	2.4
East South Central.....	44	37	27	295	142	108.5	1.6	0.9
West South Central.....	67	136	69	691	522	32.4	0.4	0.6
Mountain.....	441	447	319	2,513	2,045	22.9	10.6	9.9
Pacific Contiguous.....	NM	NM	NM	1,076	740	45.5	1.4	0.8
Pacific Noncontiguous.....	NM	NM	NM	75	33	129.9	2.6	1.0
U.S. Total.....	1,545	2,327	1,360	14,466	12,897	12.2	2.0	2.0

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	July 2002	June 2002	July 2001	Year to Date				
				Nuclear Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	1,963	1,882	1,956	12,268	8,461	45.0	20.5	15.9
Middle Atlantic.....	11,618	11,182	9,557	75,072	61,862	21.4	40.2	33.8
East North Central	7,964	7,935	7,953	51,509	54,508	-5.5	45.4	50.8
West North Central.....	-	-	-	-	-	-	-	-
South Atlantic.....	1,147	830	1,253	6,031	7,443	-19.0	7.2	8.8
East South Central.....	-	-	-	-	-	-	-	-
West South Central.....	1,627	1,555	-	10,263	-	-	6.4	-
Mountain.....	-	-	-	-	-	-	-	-
Pacific Contiguous.....	-	-	-	-	-	-	-	-
Pacific Noncontiguous.....	-	-	-	-	-	-	-	-
U.S. Total.....	24,319	23,384	20,719	155,143	132,274	17.3	21.2	20.3

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	July 2002	June 2002	July 2001	Year to Date				
				Other Generation			Share of Total (percent)	
				2002	2001	Difference (percent)	2002	2001
New England	1,093	NM	836	6,144	5,423	13.3	10.3	10.2
Middle Atlantic	655	NM	659	4,285	4,187	2.3	2.3	2.3
East North Central	NM	NM	NM	2,918	3,438	-15.1	2.6	3.2
West North Central	NM	NM	174	1,757	1,485	18.4	31.2	35.5
South Atlantic	1,592	1,544	1,664	11,003	10,859	1.3	13.2	12.8
East South Central	737	635	604	4,522	3,751	20.5	24.7	23.6
West South Central	932	836	738	5,764	4,841	19.1	3.6	5.6
Mountain	NM	NM	200	1,448	1,539	-5.9	6.1	7.4
Pacific Contiguous	2,350	2,245	2,320	16,626	14,466	14.9	21.8	15.8
Pacific Noncontiguous	65	61	78	479	477	0.4	16.6	14.9
U.S. Total	8,271	7,607	7,820	54,945	50,466	8.9	7.5	7.8

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

Notes: • Values for 2002 are estimates. • Values for 2001 are preliminary. • See Technical Notes for a discussion of the sample design. • Negative generation denotes that electric power consumed for plant use exceeds gross generation. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • Other energy sources include geothermal, biomass, wind, solar batteries, chemical, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies. • Due to the restructuring of the electrical power industry, the sale of generating assets is resulting in a reclassification of plants from the utility to nonutility sector. This will affect comparisons for current and historical data.

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

U.S. Electric Nonutility Consumption of Fossil Fuels

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

Period	Coal (thousand short tons)				Petroleum (thousand short tons)			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
Total	NA	NA	NA	117,120	NA	NA	26,903	2,098	2,642,149
Year to Date									
2002	NA	NA	NA	117,120	NA	NA	26,903	2,098	2,642,149
2001	NA	NA	NA	101,902	NA	NA	56,224	2,052	2,380,847

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	July 2002	June 2002	July 2001	Year to Date		
				2002	2001	Difference (percent)
New England	645	529	554	3,713	3,747	-0.9
Middle Atlantic	5,300	4,566	5,311	30,551	34,189	-10.6
East North Central	4,598	3,708	3,471	22,670	20,867	8.6
West North Central	NM	NM	NM	1,568	1,458	7.5
South Atlantic	3,184	2,869	3,362	19,106	20,163	-5.2
East South Central	556	539	603	3,800	3,947	-3.7
West South Central	4,428	4,407	1,081	26,684	6,706	297.9
Mountain	482	486	1,076	4,807	6,306	-23.8
Pacific Contiguous	442	255	629	3,626	3,906	-7.2
Pacific Noncontiguous	NM	NM	NM	596	613	-2.9
U.S. Total	19,969	17,668	16,438	117,120	101,902	14.9

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	July 2002	June 2002	July 2001	Year to Date		
				2002	2001	Difference (percent)
New England	1,578	984	1,789	9,159	18,447	-50.4
Middle Atlantic	2,122	1,159	1,832	7,113	16,854	-57.8
East North Central	NM	NM	607	811	2,846	-71.5
West North Central	NM	NM	NM	70	152	-53.7
South Atlantic	1,497	1,042	1,480	6,335	10,865	-41.7
East South Central	NM	NM	NM	502	854	-41.2
West South Central	NM	NM	NM	977	1,284	-23.9
Mountain	NM	NM	NM	98	329	-70.2
Pacific Contiguous	NM	NM	NM	696	2,684	-74.1
Pacific Noncontiguous	NM	271	277	1,142	1,908	-40.1
U.S. Total	5,736	4,002	6,321	26,903	56,224	-52.1

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

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

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

Table 71. Nonutility Consumption of Gas by Census Division
(Million Cubic Feet)

Census Division	July 2002	June 2002	July 2001	Year to Date		
				2002	2001	Difference (percent)
New England	31,445	26,220	25,951	183,239	135,831	34.9
Middle Atlantic	69,132	49,270	54,850	298,019	264,824	12.5
East North Central	70,844	NM	55,681	325,954	286,297	13.9
West North Central	NM	NM	NM	17,094	12,994	31.6
South Atlantic	40,088	27,818	28,635	183,400	140,734	30.3
East South Central	NM	NM	12,749	64,941	56,468	15.0
West South Central	186,585	153,078	124,746	1,015,284	730,675	39.0
Mountain	NM	NM	13,803	105,921	74,683	41.8
Pacific Contiguous	78,193	68,362	104,963	442,566	673,220	-34.3
Pacific Noncontiguous	NM	NM	NM	5,730	5,122	11.9
U.S. Total	516,890	399,700	425,552	2,642,149	2,380,847	11.0

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 July 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

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	July 2002	June 2002	July 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	1,048	942	747	11.2	40.2
Middle Atlantic	11,438	11,879	8,076	-3.7	41.6
East North Central	6,301	7,172	4,457	-12.2	41.4
West North Central	167	131	186	26.8	-10.7
South Atlantic	3,608	4,448	3,539	-18.9	2.0
East South Central	1,999	1,957	700	2.2	185.6
West South Central	5,284	5,372	1,441	-1.6	266.6
Mountain	5,559	5,594	5,766	-0.6	-3.6
Pacific Contiguous	1,656	1,372	1,443	20.7	14.7
Pacific Noncontiguous	74	75	180	-0.4	-58.6
U.S. Total	37,134	38,943	26,537	-4.6	39.9

Notes: • Data for 2001 and 2002 represent only stocks reported by facilities that are in the cutoff model sample. Data do not include estimates for facilities that are not required to report on Form EIA-906. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding. • 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	July 2002	June 2002	July 2001	Monthly Difference (percent)	Yearly Difference (percent)
New England	3,333	3,805	4,270	-12.4	-21.9
Middle Atlantic	5,852	7,019	7,736	-16.6	-24.3
East North Central	1,892	1,928	1,408	-1.9	34.4
West North Central	13	15	7	-16.1	97.4
South Atlantic	3,949	5,987	4,593	-34.0	-14.0
East South Central	102	98	48	4.5	110.9
West South Central	1,073	1,103	229	-2.8	368.3
Mountain	103	233	38	-55.6	175.2
Pacific Contiguous	1,492	1,519	1,486	-1.8	0.4
Pacific Noncontiguous	44	67	72	-34.1	-38.4
U.S. Total	17,854	21,774	19,886	-18.0	-10.2

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, July 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	36,150	-	-	-	-	-	33	-	-
Decatur Plant Cogen (IL)	36,150	-	-	-	-	-	33	-	-
Abitibi Consolidated Sale Corp	-	-	-	-	-	-	-	-	-
Abitibi Consolidated Snowflake Divi (AZ)	-	-	-	-	-	-	-	-	-
ACE Cogeneration Co	63,465	-	-	-	-	-	35	-	-
ACE Cogeneration Co (CA)	63,465	-	-	-	-	-	35	-	-
Adirondack Resource Recy Assoc	-	-	-	-	-	-	-	-	-
Adirondack Resource Recovery Facili (NY)	-	-	-	-	-	-	-	-	-
AE Connectiv	-	-	-	-	-	-	-	-	-
Carl Cornr (NJ)	-	-	-	-	-	-	-	-	-
Cedar STA. (NJ)	-	-	-	-	-	-	-	-	-
Cumberland (NJ)	-	-	-	-	-	-	-	-	-
Micketon ST (NJ)	-	-	-	-	-	-	-	-	-
Middle STA. (NJ)	-	-	-	-	-	-	-	-	-
Missouri Av. (NJ)	-	-	-	-	-	-	-	-	-
Sherman Ave (NJ)	-	-	-	-	-	-	-	-	-
Aera Energy LLC-Coalinga	-	-	38,606	-	-	-	-	-	390
South Belridge Cogen Facility (CA)	-	-	38,606	-	-	-	-	-	390
AES Cayuga LLC	200,548	-	-	-	-	-	78	-	-
AES Cayuga (NY)	200,548	-	-	-	-	-	78	-	-
AES Corp	415,143	97,301	5,172	-	-	2,151	199	43	46
AES BV Partners Beaver Valley (PA)	-	-	-	-	-	-	-	-	-
AES Deepwater Inc (TX)	-	95,628	-	-	-	-	-	41	-
AES Hawaii Inc (HI)	129,970	1,673	-	-	-	2,151	58	2	-
AES Placerita Inc (CA)	-	-	5,172	-	-	-	-	-	46
AES Shady Point Inc (OK)	149,427	-	-	-	-	-	81	-	-
AES Thames Inc (CT)	135,746	-	-	-	-	-	60	-	-
AES Greenridge LLC	92,454	222	-	-	-	929	40	*	-
AES Greenridge (NY)	92,454	222	-	-	-	929	40	*	-
AES Somerset LLC	467,042	1,415	-	-	-	-	169	2	-
AES Somerset LLC (NY)	467,042	1,415	-	-	-	-	169	2	-
AES Southland LLC-Alamitos	-	-	-	-	-	-	-	-	-
AES Alamitos LLC (CA)	-	-	-	-	-	-	-	-	-
AES Southland LLC-Huntington	-	-	-	-	-	-	-	-	-
AES Huntington Beach LLC (CA)	-	-	-	-	-	-	-	-	-
AES Southland LLC-Redondo	-	-	-	-	-	-	-	-	-
AES Redondo Beach LLC (CA)	-	-	-	-	-	-	-	-	-
AES Westover LLC	81,707	-	-	-	-	-	37	-	-
AES Westover (NY)	81,707	-	-	-	-	-	37	-	-
AES WR Ltd Partnership	117,373	255	-	-	-	-	54	*	-
AES Warrior Run Cogeneration Facili (MD)	117,373	255	-	-	-	-	54	*	-
Ag Energy LP	-	-	29,829	-	-	-	-	-	243
AG Energy LP (NY)	-	-	29,829	-	-	-	-	-	243
Ag Processing Inc	-	-	-	-	-	-	-	-	-
AG Processing Inc (IA)	-	-	-	-	-	-	-	-	-
Agrilectric Power Partners Ltd	-	-	175	-	-	4,357	-	-	2
Agrilectric Power Partners Ltd (LA)	-	-	175	-	-	4,357	-	-	2
Air Liquide America Corp	-	-	221,945	-	-	-	-	-	2,786
Bayou Cogeneration Plant (TX)	-	-	198,870	-	-	-	-	-	2,499
Pt Neches Plant (TX)	-	-	23,075	-	-	-	-	-	287

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Alabama Pine Pulp Co Inc.....	-	256	-	-	-	39,917	-	1	-
Alabama Pine Pulp Co Inc (AL).....	-	256	-	-	-	39,917	-	1	-
Alabama River Pulp Co Inc.....	-	886	-	-	-	32,034	-	6	-
Alabama River Pulp Co (AL).....	-	886	-	-	-	32,034	-	6	-
Albuquerque City of.....	-	-	-	-	-	1,634	-	-	-
Southside Water Reclamation Plant (NM).....	-	-	-	-	-	1,634	-	-	-
Alcoa Inc.....	232,017	-	-	-	-	-	191	-	-
Sandow (TX).....	232,017	-	-	-	-	-	191	-	-
Alcoa World Alumina LLC.....	-	-	27,417	-	-	-	-	-	791
Pt Comfort Operations (TX).....	-	-	27,417	-	-	-	-	-	791
Aliso Water Management Agency.....	-	-	113	-	-	329	-	-	1
Aliso Water Management Agency (CA).....	-	-	113	-	-	329	-	-	1
Allegheny Energy Unit 1&2 LLC.....	3,964,093	6,322	189,558	7,506	-	-	1,600	10	2,217
Allegheny Energy Unit 1&2 (PA).....	-	-	9,323	-	-	-	-	-	95
Allegheny Energy Unit 8&9 (PA).....	-	-	9,760	-	-	-	-	-	98
Armstrong (PA).....	191,706	70	-	-	-	-	77	*	-
Fort Martin JO (WV).....	686,826	667	-	-	-	-	264	1	-
Gleason Power (TN).....	-	-	57,984	-	-	-	-	-	670
Harrison (WV).....	1,188,200	-	1,286	-	-	-	485	-	10
Hatfield (PA).....	941,600	87	1,066	-	-	-	379	*	11
Lake Lynn (WV).....	-	-	-	7,506	-	-	-	-	-
Lincoln Energy Center (IL).....	-	-	53,182	-	-	-	-	-	661
Mitchell (PA).....	81,712	4,396	1,194	-	-	-	37	7	11
Pleasants (WV).....	825,246	37	2,406	-	-	-	335	*	19
R Paul Smith (MD).....	48,803	1,065	-	-	-	-	24	2	-
Wheatland Power Station (IN).....	-	-	53,357	-	-	-	-	-	642
Alliant Energy Integ Ser-Cogen.....	-	1	196	-	-	-	-	*	11
Alliant SBD 9702 Cedar Graphics (IA).....	-	1	-	-	-	-	-	*	-
Alliant SBG-9805 Rockford Products (IL).....	-	-	196	-	-	-	-	-	11
Altamont-Midway Ltd.....	-	-	-	-	-	2,772	-	-	-
Altamont Midway Ltd (CA).....	-	-	-	-	-	2,772	-	-	-
Amalgamated Sugar Co LLC.....	-	-	-	-	-	-	-	-	-
Amalgamated Sugar Nyssa (OR).....	-	-	-	-	-	-	-	-	-
AmerGen.....	-	-	-	-	709,581	-	-	-	-
Clinton (IL).....	-	-	-	-	709,581	-	-	-	-
AmerGen Energy Co LLC.....	-	-	-	-	609,816	-	-	-	-
3 Mile Island (PA).....	-	-	-	-	609,816	-	-	-	-
AmerGen Energy LLC.....	-	-	-	-	446,911	-	-	-	-
Oyster Creek (NJ).....	-	-	-	-	446,911	-	-	-	-
American Atlas #1 Ltd.....	-	-	28,856	-	-	-	-	-	301
American Atlas 1 Cogeneration Plant (CO).....	-	-	28,856	-	-	-	-	-	301
American Bituminous Power LP.....	-	-	-	-	-	-	-	-	-
Grant Town Power Plant (WV).....	-	-	-	-	-	-	-	-	-
American Crystal Sugar Co.....	-	-	-	-	-	-	-	-	-
ACS Drayton (ND).....	-	-	-	-	-	-	-	-	-
ACS Hillsboro (ND).....	-	-	-	-	-	-	-	-	-
American Electric Power Co Inc.....	804,081	270	623,423	4,193	-	-	435	*	6,654
Abilene (TX).....	-	-	-	-	-	-	-	-	-
Bates, J L (TX).....	-	-	39,459	-	-	-	-	-	497
Coleto Creek (TX).....	363,823	182	-	-	-	-	171	*	-
Davis, Barney M (TX).....	-	-	110,815	-	-	-	-	-	1,183
Eagle, Pass (TX).....	-	-	-	4,193	-	-	-	-	-
Fort Phantom (TX).....	-	-	85,794	-	-	-	-	-	892
Ft Stockton (TX).....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Hill, Lon C (TX).....	-	-	8,415	-	-	-	-	-	92
Joslin, E S (TX).....	-	-	1,468	-	-	-	-	-	18
La Palma (TX).....	-	-	98,710	-	-	-	-	-	1,042
Lake Pauline (TX).....	-	-	-	-	-	-	-	-	-
Laredo (TX).....	-	-	66,875	-	-	-	-	-	784
Nueces Bay (TX).....	-	-	108,644	-	-	-	-	-	1,085
Oak Creek (TX).....	-	-	5,610	-	-	-	-	-	64
Oklauion (TX).....	440,258	88	-	-	-	-	264	*	-
Paint Creek (TX).....	-	-	2,038	-	-	-	-	-	23
Presidio (TX).....	-	-	-	-	-	-	-	-	-
Rio Pecos (TX).....	-	-	25,996	-	-	-	-	-	276
San Angelo (TX).....	-	-	66,764	-	-	-	-	-	666
Vernon (TX).....	-	-	-	-	-	-	-	-	-
Victoria (TX).....	-	-	2,835	-	-	-	-	-	33
American Ref-Fuel Co.....	-	-	-	-	-	-	-	-	-
American Ref Fuel Co of Hempstead (NY).....	-	-	-	-	-	-	-	-	-
American Ref-Fuel Co of Essex.....	-	-	-	-	-	-	-	-	-
American Ref Fuel Co of Essex Count (NJ).....	-	-	-	-	-	-	-	-	-
American Ref-Fuel Co of SE CT.....	-	-	-	-	-	-	-	-	-
American Ref Fuel Co of SE CT (CT).....	-	-	-	-	-	-	-	-	-
American Ref-Fuel Co-Niagara	-	-	-	-	-	-	-	-	-
American Ref Fuel Co of Niagara LP (NY).....	-	-	-	-	-	-	-	-	-
Amoco Corp	-	-	24,210	-	-	-	-	-	495
Chocolate Bayou Works (TX).....	-	-	24,210	-	-	-	-	-	495
Amoco Production Co	-	-	25,179	-	-	-	-	-	347
Anschutz Ranch East (WY).....	-	-	25,179	-	-	-	-	-	347
Androscoggin Energy LLC.....	-	-	67,505	-	-	-	-	-	848
Androscoggin Cogeneration Center (ME).....	-	-	67,505	-	-	-	-	-	848
Anheuser-Busch Inc	6,295	-	7,022	-	-	2,024	10	-	140
Anheuser Busch Inc Newark Brewery (NJ).....	-	-	5,450	-	-	960	-	-	89
Anheuser Busch Inc St Louis Brewery (MO).....	6,295	-	1,572	-	-	1,064	10	-	51
Applied Energy Inc.....	-	-	33,904	-	-	-	-	-	348
Naval Station Energy Facility (CA).....	-	-	33,904	-	-	-	-	-	348
Archer Daniels Midland Co.....	185,747	-	19,469	-	-	541	235	-	334
Cedar Rapids (IA).....	80,138	-	-	-	-	-	90	-	-
Decatur (IL).....	96,251	-	-	-	-	357	124	-	-
Enderlin (ND).....	-	-	-	-	-	184	-	-	-
Lincoln (NE).....	3,424	-	-	-	-	-	6	-	-
Peoria (IL).....	5,934	-	19,080	-	-	-	16	-	327
Southport (NC).....	-	-	389	-	-	-	-	-	8
ARCO Products Co-Watson.....	-	-	267,234	-	-	-	-	-	2,786
Watson Cogeneration Co (CA).....	-	-	267,234	-	-	-	-	-	2,786
ARCO Western Energy.....	-	-	28,642	-	-	-	-	-	313
Berry Placerita Cogen (CA).....	-	-	28,642	-	-	-	-	-	313
Arthur Kill Power LLC	-	-	200,491	-	-	-	-	-	2,112
Arthur Kill Generation Station (NY).....	-	-	200,491	-	-	-	-	-	2,112
Astoria Gas Turbines Power LLC.....	-	10,671	37,619	-	-	-	-	36	551
Astoria Gas (NY).....	-	10,671	37,619	-	-	-	-	36	551
Athens Regional Medical Center	-	-	-	-	-	-	-	-	-
Athens Regional Medical Center (GA).....	-	-	-	-	-	-	-	-	-
Auburndale Power Partners LP.....	-	-	99,869	-	-	-	-	-	790
Auburndale Power Partners LP (FL).....	-	-	99,869	-	-	-	-	-	790
Baconton Power LLC.....	-	-	25,645	-	-	-	-	-	243

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Baconton Power (GA)	-	-	25,645	-	-	-	-	-	243
Badger Creek Ltd	-	-	30,605	-	-	-	-	-	282
Badger Creek Cogen (CA)	-	-	30,605	-	-	-	-	-	282
BAF Energy Inc	-	-	91,985	-	-	-	-	-	730
King City Power Plant (CA)	-	-	91,985	-	-	-	-	-	730
BASF Corp	-	-	51,802	-	-	-	-	-	737
Freeport (TX)	-	-	-	-	-	-	-	-	-
Geismar (LA)	-	-	51,802	-	-	-	-	-	737
Bassett Furniture Industl Inc	-	-	-	-	-	-	-	-	-
J D Bassett Manufacturing Co (VA)	-	-	-	-	-	-	-	-	-
Bear Mountain Ltd	-	-	31,137	-	-	-	-	-	294
Bear Mountain Cogen (CA)	-	-	31,137	-	-	-	-	-	294
Bethlehem Steel Corp	-	3,452	153,142	-	-	-	-	9	20,197
Burns Harbor Plant (IN)	-	-	92,940	-	-	-	-	-	7,718
Sparrows Point (MD)	-	3,452	60,202	-	-	-	-	9	12,479
Big Rivers Electric Corp	982,076	1,192	-	-	-	-	448	3	-
D B Wilson Station (KY)	241,702	-	-	-	-	-	109	-	-
Green Station (KY)	316,506	-	-	-	-	-	143	-	-
HMP&L Station Two (KY)	126,652	-	-	-	-	-	55	-	-
Kenneth C Coleman Station (KY)	271,662	-	-	-	-	-	128	-	-
Reid Station (KY)	25,554	1,192	-	-	-	-	13	3	-
Bio-Energy Corp	-	-	-	-	-	-	-	-	-
Bio Energy Corp (NH)	-	-	-	-	-	-	-	-	-
Bio-Energy Partners	-	-	-	-	-	-	-	-	-
CSL Gas Recovery (FL)	-	-	-	-	-	-	-	-	-
Biomass One LP	-	-	-	-	-	9,738	-	-	-
Biomass One LP (OR)	-	-	-	-	-	9,738	-	-	-
Birchwood Power Partners LP	117,152	-	-	-	-	-	47	-	-
SEI Birchwood Power Facility (VA)	117,152	-	-	-	-	-	47	-	-
Black River Ltd Partnership	26,273	10,184	-	-	-	365	14	5	-
Fort Drum H T W Cogeneration Facil (NY)	26,273	10,184	-	-	-	365	14	5	-
Blandin Paper Co	1,264	-	3,121	-	-	3,548	2	-	113
Blandin Energy Center (MN)	1,264	-	3,121	-	-	3,548	2	-	113
Blue Ridge Paper Products Inc	-	-	-	-	-	-	-	-	-
Canton North Carolina (NC)	-	-	-	-	-	-	-	-	-
Boise Cascade Corp	-	32	8,968	-	-	15,589	-	*	602
Boise Casade Pulp&Paper Mill Jackso (AL)	-	32	3,613	-	-	6,238	-	*	305
Boise Cascade International Falls (MN)	-	-	5,355	-	-	9,351	-	-	298
Boise Cascade Corp-DeRiddle	-	-	10,016	-	-	30,034	-	-	331
DeRidder Mill (LA)	-	-	10,016	-	-	30,034	-	-	331
Boise-Kuna Irrigation District	-	-	-	57,123	-	-	-	-	-
Lucky Peak Power Plant Project (ID)	-	-	-	57,123	-	-	-	-	-
Boralex Stratton Energy Inc	-	-	-	-	-	31,457	-	-	-
Boralex Stratton Energy Inc (ME)	-	-	-	-	-	31,457	-	-	-
Borden Chemical Co	-	-	-	-	-	-	-	-	-
Borden Chemicals Plastics (LA)	-	-	-	-	-	-	-	-	-
Borger Energy Associates LP	-	-	136,463	-	-	-	-	-	1,960
Black Hawk Station (TX)	-	-	136,463	-	-	-	-	-	1,960
Bowater Newsprint Calhoun	6,410	-	363	-	-	36,364	10	-	12

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Bowater Newsprint Calhoun Operation (TN)	6,410	-	363	-	-	36,364	10	-	12
BP Amoco Alliance Refinery	-	-	2,291	-	-	-	-	-	26
Alliance Refinery (LA).....	-	-	2,291	-	-	-	-	-	26
BP Amoco PLC	-	-	144,990	-	-	-	-	-	2,878
Power Station 3 (TX).....	-	-	30,434	-	-	-	-	-	959
Power Station 4 (TX).....	-	-	114,556	-	-	-	-	-	1,919
BP PLC	-	7,245	45,351	-	-	-	-	34	1,323
Whiting Refinery (IN)	-	7,245	45,351	-	-	-	-	34	1,323
Bridgeport Energy LLC	-	-	303,282	-	-	-	-	-	2,131
Bridgeport Energy (CT).....	-	-	303,282	-	-	-	-	-	2,131
Bridgewater Power Co LP	-	201	-	-	-	11,029	-	1	-
Bridgewater Power Co LP (NH)	-	201	-	-	-	11,029	-	1	-
Broad River Energy LLC	-	-	159,745	-	-	-	-	-	1,685
Broad River Energy Center (SC).....	-	-	159,745	-	-	-	-	-	1,685
Brooklyn Navy Yard Cogen PLP	-	-	168,187	-	-	-	-	-	1,602
Brooklyn Navy Yard Cogeneration Par (NY).....	-	-	168,187	-	-	-	-	-	1,602
Brownsville Power I LLC	-	-	-	-	-	-	-	-	-
Brownsville Peaking Power Plant (TN)	-	-	-	-	-	-	-	-	-
Caledonia Power Facility (MS).....	-	-	-	-	-	-	-	-	-
Brush Cogeneration Partners	-	-	19,642	-	-	-	-	-	189
Brush Cogen Project Phase 2 BCP (CO).....	-	-	19,642	-	-	-	-	-	189
Buckeye Florida Ltd Partners	-	638	314	-	-	26,445	-	6	17
Buckeye Florida LP (FL).....	-	638	314	-	-	26,445	-	6	17
Bucksport Energy&Internt Paper	-	-	122,871	-	-	-	-	-	1,196
Champion Clean Energy (ME).....	-	-	122,871	-	-	-	-	-	1,196
Burney Forest Products	-	-	758	-	-	20,306	-	-	8
Burney Forest Products (CA)	-	-	758	-	-	20,306	-	-	8
Burney Mountain Power	-	-	-	-	-	8,057	-	-	-
Burney Mountain Power (CA)	-	-	-	-	-	8,057	-	-	-
Cadillac Renewable Energy LLC	-	-	-	-	-	20,994	-	-	-
Cadillac Renewable Energy (MI).....	-	-	-	-	-	20,994	-	-	-
Calasieu Power LLC	-	-	29,984	-	-	-	-	-	337
Calasieu Power LLC (LA).....	-	-	29,984	-	-	-	-	-	337
Calaveras County Water Dist	-	-	-	18,672	-	-	-	-	-
Collieville (CA).....	-	-	-	18,672	-	-	-	-	-
Caledonia Power I LLC	-	-	-	-	-	-	-	-	-
Caledonia Power Facility (MS).....	-	-	-	-	-	-	-	-	-
CalEnergy Co Inc	-	-	129,685	-	-	-	-	-	1,175
C R Wing Cogeneration Plant (TX)	-	-	129,685	-	-	-	-	-	1,175
Calpine Construction Fin Co LP	-	-	339,525	-	-	-	-	-	2,353
Westbrook Energy Center (ME).....	-	-	339,525	-	-	-	-	-	2,353
Calpine Corp	-	92	-	-	-	58	-	8	-
PWD Northwest Facility (PA).....	-	38	-	-	-	58	-	3	-
PWD Southwest Facility (CA)	-	54	-	-	-	-	-	5	-
Calpine Corp-Magic Valley	-	-	68,600	-	-	-	-	-	684
Greenleaf Unit One (CA)	-	-	35,859	-	-	-	-	-	337
Greenleaf Unit Two (CA).....	-	-	32,741	-	-	-	-	-	348
Calpine Corp-Texas City	-	-	261,231	-	-	-	-	-	2,457

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Texas City Cogeneration LP (TX)	-	-	261,231	-	-	-	-	-	2,457
Calpine Eastern Corp.	-	-	49,625	-	-	-	-	-	436
TBG Cogen (NY)	-	-	49,625	-	-	-	-	-	436
Calpine Geysers Co LP	-	-	-	-	-	32,431	-	-	-
Bear Canyon Power Plant (CA)	-	-	-	-	-	12,353	-	-	-
West Ford Flat Power Plant (CA)	-	-	-	-	-	20,078	-	-	-
Calpine Geysers-Sonoma Power	-	-	-	-	-	491,119	-	-	-
Aidlin Geothermal Power Plant (CA)	-	-	-	-	-	10,617	-	-	-
Calistoga Power Plant (CA)	-	-	-	-	-	50,256	-	-	-
Calpine Geysers-Sonoma Power Plant (CA)	-	-	-	-	-	25,886	-	-	-
Geysers Unit 5-20 (CA)	-	-	-	-	-	404,360	-	-	-
Calpine Gilroy Cogen LP	-	-	8,161	-	-	-	-	-	71
Calpine Gilroy Cogen LP (CA)	-	-	8,161	-	-	-	-	-	71
Calpine Parlin Inc.	-	-	51,961	-	-	-	-	-	484
Calpine Parlin Inc (NJ)	-	-	51,961	-	-	-	-	-	484
Calpine Pittsburg LLC	-	-	34,932	-	-	-	-	-	539
Calpine Pittsburg LLC (CA)	-	-	34,932	-	-	-	-	-	539
CalWind Resources Inc.	-	-	-	-	-	1,861	-	-	-
Tehachapi Wind Resource II (CA)	-	-	-	-	-	1,861	-	-	-
Cambria Cogen Co.	64,615	-	-	-	-	-	53	-	-
Cambria CoGen (PA)	64,615	-	-	-	-	-	53	-	-
Camden Cogen LP	-	-	41,760	-	-	-	-	-	354
Camden Cogen LP (NJ)	-	-	41,760	-	-	-	-	-	354
Camden County Engy Recvy Corp.	-	-	-	-	-	-	-	-	-
Camden Resource Recovery Facility (NJ)	-	-	-	-	-	-	-	-	-
Capital District Energy Center	-	-	20,716	-	-	-	-	-	214
Capital District Energy Center Coge (CT)	-	-	20,716	-	-	-	-	-	214
Cardinal Cogen	-	-	33,927	-	-	-	-	-	352
Cardinal Cogen (CA)	-	-	33,927	-	-	-	-	-	352
Cargill Fertilizer Inc.	-	-	-	-	-	-	-	-	-
Cargill Fertilizer Inc (FL)	-	-	-	-	-	-	-	-	-
Cargill Fertilizer Inc Bartow (FL)	-	-	-	-	-	-	-	-	-
Carr Street Generating Stat LP	-	-	22,663	-	-	-	-	-	191
Carr Street Generating Station (NY)	-	-	22,663	-	-	-	-	-	191
Carson Cogeneration Co.	-	-	30,749	-	-	-	-	-	272
Carson Cogeneration Co (CA)	-	-	30,749	-	-	-	-	-	272
Carthage Energy LLC	-	-	16,361	-	-	-	-	-	137
Carthage Energy LLC (NY)	-	-	16,361	-	-	-	-	-	137
Casco Bay Energy Co LLC	-	-	295,243	-	-	-	-	-	1,944
Maine Independence Station (ME)	-	-	295,243	-	-	-	-	-	1,944
CE Puna Ltd Partnership	-	-	-	-	-	3,438	-	-	-
Puna Geothermal Venture I (HI)	-	-	-	-	-	3,438	-	-	-
Cedar Bay Cogeneration Co LP	183,742	119	-	-	-	-	97	*	-
Cedar Bay Generating Co LP (FL)	183,742	119	-	-	-	-	97	*	-
Celanese Engineering Resin Inc.	-	-	22,698	-	-	-	-	-	294
Celanese Engineering Resin Inc (TX)	-	-	22,698	-	-	-	-	-	294
Central & South West Engy Inc.	-	-	-	-	-	-	-	-	-
Newgulf Cogen Plant (TX)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Central Power & Lime Inc	83,575	-	-	-	-	-	37	-	-
Central Power&Lime Inc (FL)	83,575	-	-	-	-	-	37	-	-
Central Wayne Energy Recv LP	-	-	-	-	-	-	-	-	-
Central Wayne Air Quality Energy Re (MI)	-	-	-	-	-	-	-	-	-
CF Industries Inc	-	-	-	-	-	-	-	-	-
CFI Plant City Phosphate Complex (FL)	-	-	-	-	-	-	-	-	-
CH Resources Inc	-	-	-	-	-	-	-	-	-
CH Resources Inc Beaver Falls (NY)	-	-	-	-	-	-	-	-	-
Chalk Cliff Ltd	-	-	32,716	-	-	-	-	-	298
Chalk Cliff Cogen (CA)	-	-	32,716	-	-	-	-	-	298
Chambers Cogeneration LP	166,466	264	-	-	-	-	72	*	-
Chambers Cogeneration LP (NJ)	166,466	264	-	-	-	-	72	*	-
Champion International Corp	-	-	-	-	-	-	-	-	-
Bucksport Maine (ME)	-	-	-	-	-	-	-	-	-
Courtland Mill (AL)	-	-	-	-	-	-	-	-	-
Pensacola Florida (FL)	-	-	-	-	-	-	-	-	-
Quinnese Michigan (MI)	-	-	-	-	-	-	-	-	-
Roanoke Rapids North Carolina (NC)	-	-	-	-	-	-	-	-	-
Sartell Mill (MN)	-	-	-	-	-	-	-	-	-
Cherokee County Cogen PLP	-	-	55,498	-	-	-	-	-	442
Cherokee County Cogeneration Partne (SC)	-	-	55,498	-	-	-	-	-	442
Chevron Refinery	-	5,232	924	-	-	-	-	13	31
Chevron Products Co (HI)	-	5,232	924	-	-	-	-	13	31
Chevron USA Inc	-	-	87,688	-	-	-	-	-	1,089
1 Power Plant Richmond CA (CA)	-	-	11,098	-	-	-	-	-	364
Richmond Cogeneration Project (CA)	-	-	76,590	-	-	-	-	-	724
Chevron USA Inc-El Segundo	-	-	93,164	-	-	-	-	-	1,029
El Segundo Refinery (CA)	-	-	93,164	-	-	-	-	-	1,029
Chevron USA Inc-Kern	-	-	29,954	-	-	-	-	-	610
Kern River Eastridge (CA)	-	-	29,954	-	-	-	-	-	610
CHI Energy Inc-Theresa	-	-	-	245	-	-	-	-	-
Diamond Island Plant (NY)	-	-	-	245	-	-	-	-	-
CII Carbon LLC	-	9,616	1,202	-	-	-	-	6	19
CII Carbon LLC (LA)	-	9,616	1,202	-	-	-	-	6	19
CITGO Petroleum Corp	-	-	26,409	-	-	-	-	-	1,080
CITGO Refinery Powerhouse (LA)	-	-	26,409	-	-	-	-	-	1,080
Citrus World Inc	-	-	5,882	-	-	-	-	-	74
Citrus World Inc (FL)	-	-	5,882	-	-	-	-	-	74
Clear Lake Cogeneration LP	-	-	233,699	-	-	-	-	-	2,463
Clear Lake Cogeneration Ltd (TX)	-	-	233,699	-	-	-	-	-	2,463
CLECO Evangeline LLC	-	-	391,446	-	-	-	-	-	2,896
Evangeline (LA)	-	-	391,446	-	-	-	-	-	2,896
Cleveland Cliffs Inc	66,026	-	-	-	-	-	47	-	-
Silver Bay Power Co (MN)	66,026	-	-	-	-	-	47	-	-
CMS Generation Co	-	-	64,199	-	-	-	-	-	667
Lakewood Cogeneration LP (NJ)	-	-	64,199	-	-	-	-	-	667
CMS Generation MI Power LLC	-	-	1,788	-	-	-	-	-	27
Kalamazoo River Generating Station (MI)	-	-	648	-	-	-	-	-	9
Livingston Generating Station (MI)	-	-	1,140	-	-	-	-	-	18

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Coastal Refining&Marketing Inc	-	-	24,396	-	-	-	-	-	412
Corpus Christi Refinery (TX)	-	-	24,396	-	-	-	-	-	412
Cobisa-Person Ltd Partnership	-	55	15,215	-	-	-	-	*	179
Cobisa Person LP (NM)	-	55	15,215	-	-	-	-	*	179
Cogen Energy Technology LP	-	-	41,888	-	-	-	-	-	369
Fort Orange Facility TransCanada Po (NY).....	-	-	41,888	-	-	-	-	-	369
CoGen Funding LP	-	-	277,312	-	-	-	-	-	3,027
CoGen Lyondell Inc (TX)	-	-	277,312	-	-	-	-	-	3,027
Co-Gen II	-	-	-	-	-	-	-	-	-
Co Gen II LLC (OR)	-	-	-	-	-	-	-	-	-
Cogen Technologies Linden Vent.	-	-	417,045	-	-	-	-	-	3,760
Linden Cogen Plant (NJ).....	-	-	417,045	-	-	-	-	-	3,760
Cogen Technologies NJ Venture	-	-	114,537	-	-	-	-	-	960
Bayonne Cogen Plant (NJ).....	-	-	114,537	-	-	-	-	-	960
CogenAmerica Morris LLC	-	-	60,392	-	-	-	-	-	655
CogenAmerica Morris LLC (IL).....	-	-	60,392	-	-	-	-	-	655
Co-Generation Co.	-	-	-	-	-	-	-	-	-
Co Gen LLC (OR)	-	-	-	-	-	-	-	-	-
Cogentrix of N Carolina Inc	342,854	-	-	-	-	-	185	-	-
Cogentrix Hopewell (VA)	51,092	-	-	-	-	-	29	-	-
Cogentrix of Richmond Inc (VA).....	113,920	-	-	-	-	-	64	-	-
Cogentrix Portsmouth (VA)	26,190	-	-	-	-	-	17	-	-
Cogentrix Roxboro (NC).....	22,212	-	-	-	-	-	10	-	-
Cogentrix Southport (NC).....	49,140	-	-	-	-	-	28	-	-
Dwayne Collier Battle Cogeneration (NC)	80,300	-	-	-	-	-	37	-	-
Cokenergy Inc	-	-	49,486	-	-	-	-	-	-
Heat Recovery Coke Facility (IN).....	-	-	49,486	-	-	-	-	-	-
Collins Pine Co.	-	-	-	-	-	-	-	-	-
Collins Pine Co Project (CA)	-	-	-	-	-	-	-	-	-
Colmac Energy Inc	-	-	-	-	-	33,471	-	-	-
Mecca Plant (CA)	-	-	-	-	-	33,471	-	-	-
Colorado Energy Management LLC	-	-	24,989	-	-	-	-	-	266
Brush IV (CO)	-	-	24,989	-	-	-	-	-	266
Colorado Power Partners	-	-	21,532	-	-	-	-	-	293
Brush Power Project Phase 1 CPP (CO).....	-	-	21,532	-	-	-	-	-	293
Colstrip Energy Ltd Partnership	-	-	-	-	-	-	-	-	-
Colstrip Energy LP (MT)	-	-	-	-	-	-	-	-	-
Commonwealth Atlantic LP	-	-	22,968	-	-	-	-	-	290
Commonwealth Atlantic LP (VA).....	-	-	22,968	-	-	-	-	-	290
Commonwealth Chesapeake Co LLC	-	32,591	-	-	-	-	-	55	-
Commonwealth Chesapeake Power Stati	-	32,591	-	-	-	-	-	55	-
Connectiv Energy Supply Inc	133,933	118,448	246,983	-	-	-	57	207	4,773
Christiana (DE).....	-	1,957	-	-	-	-	-	5	-
Edge Moor (DE).....	133,933	112,549	39,556	-	-	-	57	183	378
Hay Road (DE).....	-	3,942	207,427	-	-	-	-	19	4,394
Connecticut Resource Recv Auth.	453	-	-	-	-	-	*	-	-
Mid Connecticut Facility (CT).....	453	-	-	-	-	-	*	-	-
Conoco Inc	-	-	-	-	-	-	-	-	-
Conoco Lake Charles Refinery (LA)	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Conoco Inc & BP Amoco	-	-	7,035	-	-	-	-	-	639
Ponca City Refinery (OK)	-	-	7,035	-	-	-	-	-	639
Consolidated Edison E MA Inc	-	-	-	-	-	-	-	-	-
Doreen (MA)	-	-	-	-	-	-	-	-	-
Dwight (MA)	-	-	-	-	-	-	-	-	-
Gardners Falls (MA)	-	-	-	-	-	-	-	-	-
Indian Orchard (MA)	-	-	-	-	-	-	-	-	-
Putts Bridge (MA)	-	-	-	-	-	-	-	-	-
Redbridge (MA)	-	-	-	-	-	-	-	-	-
West Springfield (MA)	-	-	-	-	-	-	-	-	-
Woodland Road (MA)	-	-	-	-	-	-	-	-	-
Consolidated Papers Inc	34,321	-	6,349	5,961	-	15,932	45	-	187
Biron Division (WI)	19,639	-	826	-	-	1,602	19	-	14
Inter Lake Division (WI)	4,250	-	5,059	508	-	-	6	-	152
Kraft Division (WI)	4,876	-	464	-	-	-	13	-	21
Niagara Division (WI)	5,556	-	-	5,453	-	933	7	-	-
Constellation Power Source Gen	1,238,229	233,463	54,631	-	2,418,721	-	536	379	629
Bran Shores (MD)	790,044	1,189	-	-	-	-	343	2	-
C P Crane (MD)	219,697	423	-	-	-	-	90	1	-
Calvert CLF (MD)	-	-	-	-	1,146,622	-	-	-	-
Gould ST. (MD)	-	32,693	359	-	-	-	-	60	4
H A Wagner (MD)	228,488	174,819	4,112	-	-	-	104	252	37
Nine Mile Point (NY)	-	-	-	-	1,272,099	-	-	-	-
Notch Cliff (MD)	-	-	3,371	-	-	-	-	-	56
Perryman (MD)	-	16,924	32,797	-	-	-	-	42	355
Phila RD. (MD)	-	3,126	-	-	-	-	-	9	-
Riverside (MD)	-	4,289	13,651	-	-	-	-	13	168
Westport (MD)	-	-	341	-	-	-	-	-	8
Continental Energy Associates	-	-	17,678	-	-	-	-	-	223
Continental Energy Associates (PA)	-	-	3,292	-	-	-	-	-	18
Worthington Generation LLC (IN)	-	-	14,386	-	-	-	-	-	204
Corn Products Internat'l Inc	23,739	-	3,189	-	-	-	27	-	50
Corn Products Illinois (IL)	23,739	-	3,189	-	-	-	27	-	50
Corona Energy Partners Ltd	-	-	-	-	-	-	-	-	-
Corona Cogen (CA)	-	-	-	-	-	-	-	-	-
Coso Energy Developers	-	-	-	-	-	126,707	-	-	-
Coso Energy Developers (CA)	-	-	-	-	-	62,485	-	-	-
Coso Power Developers (CA)	-	-	-	-	-	64,222	-	-	-
Coso Finance Partners	-	-	-	-	-	68,143	-	-	-
Coso Finance Partners (CA)	-	-	-	-	-	68,143	-	-	-
County Sanitation-Orange Cnty	-	-	2,574	-	-	6,765	-	-	28
Plant No 1 (CA)	-	-	2,139	-	-	1,061	-	-	26
Plant No 2 (CA)	-	-	435	-	-	5,704	-	-	2
Craven County Wood Energy LP	-	-	-	-	-	33,417	-	-	-
Craven County Wood Energy LP (NC)	-	-	-	-	-	33,417	-	-	-
Crockett Cogeneration	-	-	111,952	-	-	-	-	-	1,037
Crockett Cogeneration Project (CA)	-	-	111,952	-	-	-	-	-	1,037
Crown Paper Co	-	-	-	-	-	-	-	-	-
Berlin Gorham (NH)	-	-	-	-	-	-	-	-	-
CT Jet Power LLC	-	340	-	-	-	-	-	1	-
Cos Cob (CT)	-	340	-	-	-	-	-	1	-
Daggett Leasing Corp et al	-	-	-	-	-	6,504	-	-	-
SEGS II (CA)	-	-	-	-	-	6,504	-	-	-
Dartmouth Power Associates LP	-	-	19,143	-	-	-	-	-	160
Dartmouth Power Associates (MA)	-	-	19,143	-	-	-	-	-	160

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Davenport City of	-	-	130	-	-	313	-	-	1
Davenport Water Pollution Control P (IA)	-	-	130	-	-	313	-	-	1
Davis CSWM & Energy RSSD	-	4	-	-	-	-	-	*	-
Wasatch Energy Systems (UT)	-	4	-	-	-	-	-	*	-
De Pere Energy LLC	-	-	29,742	-	-	-	-	-	349
De Pere Energy Center (WI)	-	-	29,742	-	-	-	-	-	349
Deanborn Industrial Gen Inc	-	-	273,032	-	-	-	-	-	1,684
Deanborn Industrial Generation (MI)	-	-	273,032	-	-	-	-	-	1,684
Del Ranch Ltd Partnership	-	-	-	-	-	31,110	-	-	-
A W Hoch (CA).....	-	-	-	-	-	31,110	-	-	-
Delano Energy Co Inc	-	-	-	-	-	24,742	-	-	-
Delano Energy Co Inc (CA).....	-	-	-	-	-	24,742	-	-	-
Denver City Energy Assoc LP	-	-	288,512	-	-	-	-	-	2,144
Mustang Station (TX).....	-	-	288,512	-	-	-	-	-	2,144
Des Moines Metro WRF	-	-	974	-	-	128	-	-	27
Des Moines Metro WRA Wastewater Rec	-	-	974	-	-	128	-	-	27
Devon Power LLC	-	11,082	65,368	-	-	-	-	19	712
NRG Devon Station (CT).....	-	11,082	65,368	-	-	-	-	19	712
Dexter Corp	-	-	32,000	-	-	-	-	-	315
Dexter Cogeneration Facility (CT).....	-	-	32,000	-	-	-	-	-	315
DFO Partnership	-	-	-	-	-	-	-	-	-
H Power (HI).....	-	-	-	-	-	-	-	-	-
Difwind Farms Ltd V	-	-	-	-	-	2,941	-	-	-
Difwind Farms Ltd V (CA).....	-	-	-	-	-	2,941	-	-	-
Difwind Farms Ltd VI	-	-	-	-	-	-	-	-	-
Difwind Farms Ltd VI (CA).....	-	-	-	-	-	-	-	-	-
Difwind Farms Ltd VII	-	-	-	-	-	8,133	-	-	-
Difwind Farms Ltd VII (CA).....	-	-	-	-	-	8,133	-	-	-
Difwind Farms Ltd VIII	-	-	-	-	-	1,977	-	-	-
Difwind Farms Ltd VIII (CA).....	-	-	-	-	-	1,977	-	-	-
Dighton Power Associates LP	-	-	110,382	-	-	-	-	-	848
Dighton Power Associates (MA).....	-	-	110,382	-	-	-	-	-	848
Dominion Energy	-	-	240,983	-	-	-	-	-	2,589
Elwood Energy LLC (IL).....	-	-	240,983	-	-	-	-	-	2,589
Dominion Kincaid Inc	612,536	-	13	-	-	-	358	-	1
Kincaid Generation LLC (IL).....	612,536	-	13	-	-	-	358	-	1
Dominion Nuclear Conn Inc	-	-	-	-	1,484,163	-	-	-	-
Millstone (CT).....	-	-	-	-	1,484,163	-	-	-	-
Domino Sugar Corp	-	5,921	-	-	-	-	-	173	-
Domino Sugar Corp - Baltimore Plant (MD).....	-	5,921	-	-	-	-	-	173	-
Domtar Corp	28,065	3,281	3,717	5,756	-	73,029	29	32	249
Ashdown (AR).....	17,396	-	2,798	-	-	64,851	20	-	237
Nekoosa Mill (WI).....	10,669	-	808	3,012	-	6,864	10	-	5
Port Edwards Mill (WI).....	-	3,281	111	2,744	-	1,314	-	32	7
Woodland Pulp Paper (ME).....	-	-	-	-	-	-	-	-	-
Donohue Inc	-	-	5,893	-	-	6,918	-	-	207
Lufkin Texas (TX).....	-	-	5,893	-	-	6,918	-	-	207

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Donohue Industries Inc.	-	-	11,533	-	-	7,958	-	-	269
Sheldon Texas (TX).....	-	-	11,533	-	-	7,958	-	-	269
Doswell Ltd Partnership	-	-	225,521	-	-	-	-	-	1,948
Doswell Combined Cycle Facility (VA).....	-	-	225,521	-	-	-	-	-	1,948
Double 'C' Ltd	-	-	-	-	-	-	-	-	-
Double C (CA).....	-	-	-	-	-	-	-	-	-
Dow Chemical Co	-	-	898,478	-	-	-	-	-	11,590
CA II (Chlor Alkali II) (LA).....	-	-	58,792	-	-	-	-	-	808
Power and Utilities (LA).....	-	-	275,031	-	-	-	-	-	4,875
The Dow Chemical Co Texas Operation	-	-	564,655	-	-	-	-	-	5,907
DPL Energy Inc(Tait)	-	-	47,497	-	-	-	-	-	486
Greenville Electric Generating Stat (OH).....	-	-	47,497	-	-	-	-	-	486
Duke Energy Hinds LLC	-	-	-	-	-	-	-	-	-
New Albany Power Facility (MS).....	-	-	-	-	-	-	-	-	-
Duke Energy Morro Bay LLC	-	-	302,700	-	-	-	-	-	3,027
Duke Energy Morro Bay LLC (CA).....	-	-	302,700	-	-	-	-	-	3,027
Duke Energy Moss Landing LLC	-	-	910,522	-	-	-	-	-	8,073
Duke Energy Moss Landing LLC (CA).....	-	-	910,522	-	-	-	-	-	8,073
Duke Energy Oakland LLC	-	2,331	-	-	-	-	-	6	-
Duke Energy Oakland LLC (CA).....	-	2,331	-	-	-	-	-	6	-
Duke Energy South Bay LLC	-	-	154,475	-	-	-	-	-	1,634
Duke Energy South Bay LLC (CA).....	-	-	154,475	-	-	-	-	-	1,634
DuPage County	-	39	122	-	-	11	-	*	1
DuPage County Region 9 West Wastewa	-	39	122	-	-	11	-	*	1
Dynegy Inc.	171,044	63,723	314,645	-	-	-	67	111	3,476
Danskammer (NY).....	171,044	3,250	4,172	-	-	-	67	5	40
Division (CA).....	-	48	38	-	-	-	-	*	1
El Cajon (CA).....	-	-	82	-	-	-	-	-	1
Encina (CA).....	-	-	281,279	-	-	-	-	-	3,108
Kearny (CA).....	-	-	1,213	-	-	-	-	-	19
Miramar (CA).....	-	-	386	-	-	-	-	-	6
Naval Station (CA).....	-	-	177	-	-	-	-	-	2
Naval Training Center (CA).....	-	-	106	-	-	-	-	-	2
North Island (CA).....	-	81	152	-	-	-	-	*	3
Roseton (NY).....	-	60,344	27,040	-	-	-	-	105	294
Dynegy Midwest Generation	1,836,641	7,872	51,912	-	-	5,525	1,083	12	587
Baldwin Energy Complex (IL).....	1,156,758	647	-	-	-	5,525	699	1	-
Havana (IL).....	199,754	7,225	307	-	-	-	94	11	3
Hennepin Power Station (IL).....	177,853	-	1,248	-	-	-	109	-	15
Oglesby (IL).....	-	-	79	-	-	-	-	-	1
Stallings (IL).....	-	-	882	-	-	-	-	-	16
Tilton (IL).....	-	-	32,764	-	-	-	-	-	351
Vermilion Power Station (IL).....	95,595	-	2,696	-	-	-	51	-	28
Wood River (IL).....	206,681	-	13,936	-	-	-	130	-	172
E I DuPont De Nemours & Co	4,512	35	113,503	-	-	-	5	*	1,121
Sabine River Works (TX).....	-	-	62,051	-	-	-	-	-	791
Victoria Texas Plant (TX).....	-	-	51,447	-	-	-	-	-	330
Waynesboro Virginia Plant (VA).....	4,512	35	5	-	-	-	5	*	*
Eagle Point Cogen Partnership	-	-	61,492	-	-	-	-	-	568
Eagle Point Cogeneration (NJ).....	-	-	61,492	-	-	-	-	-	568
Eastern Conn Res Recvly Auth	-	-	-	-	-	-	-	-	-
Riley Energy Sys of Lisbon Wheelabr (CT).....	-	-	-	-	-	-	-	-	-
Eastman Kodak Co.	53,348	2,964	5,124	603	-	-	58	10	110
Kodak Park Site (NY).....	53,348	2,964	5,124	603	-	-	58	10	110

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Ebensburg Power Co.	28,796	-	-	-	-	-	32	-	-
Ebensburg Power Co (PA)	28,796	-	-	-	-	-	32	-	-
Edgan Wray Love Trust	-	-	-	-	-	4,614	-	-	-
Lakota Ridge (MN)	-	-	-	-	-	2,031	-	-	-
Shalokatan Hills (MN).....	-	-	-	-	-	2,583	-	-	-
EF Oxnard Inc	-	-	32,709	-	-	-	-	-	290
E F Oxnard Oxnard Energy Facility (CA)	-	-	32,709	-	-	-	-	-	290
El Dorado Energy LLC	-	-	254,845	-	-	-	-	-	1,862
El Dorado Energy (NV).....	-	-	254,845	-	-	-	-	-	1,862
El Segundo Power LLC	-	-	273,046	-	-	-	-	-	2,788
El Segundo Power (CA).....	-	-	273,046	-	-	-	-	-	2,788
Elkem Metals Co.	21,055	-	-	27,750	-	-	10	-	-
Alloy Steam Station (WV)	21,055	-	-	-	-	-	10	-	-
Hawks Nest Hydro (WV).....	-	-	-	27,750	-	-	-	-	-
Elmore Ltd Partnership	-	-	-	-	-	31,243	-	-	-
J J Elmore (CA)	-	-	-	-	-	31,243	-	-	-
EME Homer City Generation LP	1,109,743	-	-	-	-	-	455	-	-
Homer City Station (PA).....	1,109,743	-	-	-	-	-	455	-	-
Empire Energy LLC	-	-	-	-	-	1,993	-	-	-
Empire Facility (NV).....	-	-	-	-	-	1,993	-	-	-
Encina Joint Powers Authority	-	-	649	-	-	-	-	-	4
Encina Water Pollution Control (CA).....	-	-	649	-	-	-	-	-	4
Encogen One Partner Ltd.	-	-	-	-	-	-	-	-	-
Encogen One (TX).....	-	-	-	-	-	-	-	-	-
Enron Wind	-	-	-	-	-	-	-	-	-
Green Power I (CA).....	-	-	-	-	-	-	-	-	-
Entergy Nuclear Oper-Fitz	-	-	-	-	606,748	-	-	-	-
Fitzpatrick (NY)	-	-	-	-	606,748	-	-	-	-
Entergy Nuclear Oper-Indian	-	-	-	-	1,437,551	-	-	-	-
Indian Pt 2 (NY)	-	-	-	-	711,109	-	-	-	-
Indian Pt 3 (NY).....	-	-	-	-	726,442	-	-	-	-
Entergy Nuclear Vermont Yankee	-	-	-	-	11,941	-	-	-	-
Vermont Yankee (VT).....	-	-	-	-	11,941	-	-	-	-
Equilon Enterprises LLC	-	-	47,777	-	-	-	-	-	456
Equilon Los Angeles Refining Co (CA)	-	-	47,777	-	-	-	-	-	456
Equistar Chemicals LP	-	-	23,743	-	-	-	-	-	373
Corpus Christi Plant (TX)	-	-	23,743	-	-	-	-	-	373
Erie Coke Corp.	75	-	795	-	-	-	1	-	74
Erie Coke Corp (PA)	75	-	795	-	-	-	1	-	74
ESI Mojave LLC	-	-	-	-	-	20,685	-	-	-
Delaware Mountain Windfarm (TX).....	-	-	-	-	-	3,315	-	-	-
Mojave 16 (CA).....	-	-	-	-	-	5,950	-	-	-
Mojave 17 (CA).....	-	-	-	-	-	4,908	-	-	-
Mojave 18 (CA).....	-	-	-	-	-	6,512	-	-	-
ESI Vansycle Partners LP	-	-	-	-	-	6,019	-	-	-
Vansycle Ridge (OR).....	-	-	-	-	-	6,019	-	-	-
EUI Management PH Inc	-	-	-	-	-	-	-	-	-
EUIPH Wind Farm (CA).....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Exelon Generation Co LLC	279,650	187,736	577,410	4,342	10,440,813	-	144	357	7,021
Braidwood (IL).....	-	-	-	-	1,757,864	-	-	-	-
Byron (IL).....	-	-	-	-	1,760,733	-	-	-	-
Chester (PA).....	-	819	-	-	-	-	-	2	-
Conowingo (MD).....	-	-	-	44,711	-	-	-	-	-
Cromby (PA).....	55,311	21,487	15,307	-	-	-	28	34	151
Croydon (PA).....	-	23,813	-	-	-	-	-	54	-
Delaware (PA).....	-	26,975	-	-	-	-	-	59	-
Dresden (IL).....	-	-	-	-	1,133,199	-	-	-	-
Eddystone (PA).....	224,339	90,497	37,880	-	-	-	116	149	387
Fairless HL (PA).....	-	484	1,057	-	-	-	-	2	24
Falls (PA).....	-	3,153	-	-	-	-	-	8	-
Handley (TX).....	-	-	364,284	-	-	-	-	-	4,325
Lasalle Cty (IL).....	-	-	-	-	1,671,292	-	-	-	-
Limerick (PA).....	-	-	-	-	1,567,800	-	-	-	-
Moser (PA).....	-	3,029	-	-	-	-	-	7	-
Mountain Creek (TX).....	-	-	158,882	-	-	-	-	-	2,134
Muddy Run (PA).....	-	-	-	-40,369	-	-	-	-	-
Peachbottom (PA).....	-	-	-	-	1,618,222	-	-	-	-
Quad Cities (IL).....	-	-	-	-	931,703	-	-	-	-
Richmond (PA).....	-	5,439	-	-	-	-	-	12	-
Schuylkill (PA).....	-	11,227	-	-	-	-	-	27	-
Southwark (PA).....	-	813	-	-	-	-	-	2	-
Exeter Energy LP	-	8,488	-	-	-	277,301	-	*	-
Exeter Energy Project (CT).....	-	8,488	-	-	-	277,301	-	*	-
Exxon Chemical Co	-	-	303,142	-	-	-	-	-	3,663
Baton Rouge Cogen (TX).....	-	-	246,175	-	-	-	-	-	2,801
Baton Rouge Turbine Generator (LA).....	-	-	56,967	-	-	-	-	-	863
Exxon Co USA	-	-	-	-	-	-	-	-	-
Baytown Turbine Generator Project (TX).....	-	-	-	-	-	-	-	-	-
Exxon Mobil Co USA Baytown PP3 PP4	-	-	-	-	-	-	-	-	-
Santa Ynez Facility (CA).....	-	-	-	-	-	-	-	-	-
Fairhaven Power Co	-	-	-	-	-	11,417	-	-	-
Fairhaven Power Co (CA).....	-	-	-	-	-	11,417	-	-	-
Farmland Hydro Ltd Partner	-	-	-	-	-	-	-	-	-
Farmland Hydro LP (FL).....	-	-	-	-	-	-	-	-	-
Federal Paper Board Co Inc	756	8,578	294	-	-	29,432	2	73	16
International Paper Riegelwood Mill (NC).....	756	8,578	294	-	-	29,432	2	73	16
Fibertek Energy LLC	44,289	-	-	-	-	-	27	-	-
Fibertek Energy LLC (NY).....	44,289	-	-	-	-	-	27	-	-
Finch Pruyn & Co Inc	-	1,238	3,696	2,829	-	-	-	2	268
Finch Pruyn Co Inc (NY).....	-	1,238	3,696	2,829	-	-	-	2	268
First National Bank-Commerce	-	-	-	62,225	-	-	-	-	-
Sidney A Murray Jr Hydroelectric St (LA).....	-	-	-	62,225	-	-	-	-	-
Flowind Corp	-	-	-	-	-	17,344	-	-	-
Altamont Power LLC (CA).....	-	-	-	-	-	879	-	-	-
Cameron Ridge (CA).....	-	-	-	-	-	16,465	-	-	-
Ford Master Credit Co	-	-	-	-	-	-	-	-	-
Bay Resource Management Center (FL).....	-	-	-	-	-	-	-	-	-
Formosa Plastics Corp	-	-	412,396	-	-	-	-	-	5,160
Formosa Plastics Corp (LA).....	-	-	68,550	-	-	-	-	-	796
Formosa Utility Venture Ltd (TX).....	-	-	343,846	-	-	-	-	-	4,364
Fort Howard Corp	59,735	7,392	-	-	-	-	43	4	-
Green Bay West Mill (WI).....	59,735	7,392	-	-	-	-	43	4	-
Muskogee Mill (OK).....	-	-	-	-	-	-	-	-	-
Fort James Operating Co	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Savannah River Mill (GA)	-	-	-	-	-	-	-	-	-
Foster Wheeler Power Sys Inc.	-	-	73,197	-	-	-	-	-	621
Camden Resource Recovery Facility (NJ)	-	-	-	-	-	-	-	-	-
Foster Wheeler Martinez Inc (CA).....	-	-	73,197	-	-	-	-	-	621
Foster Wheeler-Mt Carmel Inc.	23,717	-	-	-	-	-	54	-	-
Foster Wheeler Martinez Inc (CA).....	-	-	-	-	-	-	-	-	-
Foster Wheeler Mt Carmel Inc (PA).....	23,717	-	-	-	-	-	54	-	-
Fox Metro Water Reclamation	-	-	896	-	-	1,690	-	-	102
Fox Metro Water Reclamation Distric (IL).....	-	-	896	-	-	1,690	-	-	102
FPL Energy Inc.	-	-	-	-	-	103	-	-	-
Lake Benton II (MN).....	-	-	-	-	-	103	-	-	-
FPL Energy Maine Inc.	-	93,271	-	115,597	-	-	-	137	-
Androscoggin 3 (ME).....	-	-	-	-	-	-	-	-	-
Aroostook Valley (ME).....	-	-	-	-	-	-	-	-	-
Bar Mills (ME).....	-	-	-	642	-	-	-	-	-
Bates Mill Upper (ME).....	-	-	-	6	-	-	-	-	-
Bonny Eagle (ME).....	-	-	-	2,792	-	-	-	-	-
Brunswick (ME).....	-	-	-	5,687	-	-	-	-	-
Cataract (ME).....	-	-	-	1,542	-	-	-	-	-
Charles E Monty (ME).....	-	-	-	12,926	-	-	-	-	-
Continental Mills (ME).....	-	-	-	-	-	-	-	-	-
Deer Rips (ME).....	-	-	-	-	-	-	-	-	-
Fort Halifax (ME).....	-	-	-	183	-	-	-	-	-
Gulf Island (ME).....	-	-	-	12,926	-	-	-	-	-
Harris (ME).....	-	-	-	20,960	-	-	-	-	-
Hill Mill (ME).....	-	-	-	-	-	-	-	-	-
Hiram (ME).....	-	-	-	2,225	-	-	-	-	-
Mason Steam (ME).....	-	831	-	-	-	-	-	1	-
Messalonskee 2 (Oakland) (ME).....	-	-	-	523	-	-	-	-	-
Messalonskee 3 (ME).....	-	-	-	-	-	-	-	-	-
Messalonskee 5 (ME).....	-	-	-	-	-	-	-	-	-
North Gorham (ME).....	-	-	-	775	-	-	-	-	-
Shawmut (ME).....	-	-	-	4,419	-	-	-	-	-
Skelton (ME).....	-	-	-	3,423	-	-	-	-	-
West Buxton (ME).....	-	-	-	-	-	-	-	-	-
Weston (ME).....	-	-	-	6,268	-	-	-	-	-
William F Wyman (ME).....	-	92,440	-	-	-	-	-	136	-
Williams (ME).....	-	-	-	8,956	-	-	-	-	-
Wyman Hydro (ME).....	-	-	-	31,344	-	-	-	-	-
Fraser Paper Co.	831	-	-	-	-	2,825	1	-	-
Fraser Paper Inc (WI).....	831	-	-	-	-	2,825	1	-	-
Fresno Cogeneration Partners	-	-	-	-	-	-	-	-	-
Fresno Cogeneration Partners LP (CA).....	-	-	-	-	-	-	-	-	-
Frontier Generation LP	-	-	149,338	-	-	-	-	-	1,084
Frontera Generation Facility (TX).....	-	-	149,338	-	-	-	-	-	1,084
Ft Worth City of	-	-	2,955	-	-	2,955	-	-	20
Village Creek Wastewater Treatment (TX).....	-	-	2,955	-	-	2,955	-	-	20
Fulton Cogeneration Associates	-	-	8,460	-	-	-	-	-	83
Fulton Cogeneration Associates (NY).....	-	-	8,460	-	-	-	-	-	83
Gas Recovery Systems Inc	-	-	13	-	-	-	-	-	*
Coyote Canyon Steam Plant (CA).....	-	-	13	-	-	-	-	-	*
Gaylord Container Corp.	-	397	36,878	-	-	37,096	-	2	602
Gaylord Container Corp Antioch (CA).....	-	-	33,371	-	-	-	-	-	466
Gaylord Container Corp Bogalusa (LA).....	-	397	3,507	-	-	37,096	-	2	136
Gaylord Entertainment Co.	-	-	1,006	-	-	-	-	-	13
Opryland USA (TN).....	-	-	1,006	-	-	-	-	-	13

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
GEM Resources	-	-	-	-	-	6,280	-	-	-
GEM II (CA)	-	-	-	-	-	-	-	-	-
GEM III (CA)	-	-	-	-	-	6,280	-	-	-
General Chemical Corp	19,895	53	-	-	-	-	44	*	-
General Chemical (WY)	19,895	53	-	-	-	-	44	*	-
General Electric Co	-	-	13,717	-	-	-	-	*	221
GE Company Aircraft Engines (MA)	-	-	13,717	-	-	-	-	*	221
General Growth Proper Tire Inc	-	93	-	-	-	-	-	*	-
Westroads Shopping Center (NE)	-	93	-	-	-	-	-	*	-
General Motors Corp	-	-	1	-	-	-	-	-	*
Powertrain Warren GMC (MI)	-	-	1	-	-	-	-	-	*
Genesee Power Station LP	-	-	-	-	-	20,311	-	-	-
Genesee Power Station LP (MI)	-	-	-	-	-	20,311	-	-	-
Georgia Gulf Corp	-	-	173,991	-	-	-	-	-	2,262
Georgia Gulf Corporation Plaquemine (LA)	-	-	173,991	-	-	-	-	-	2,262
Georgia-Pacific Corp	6,262	30,704	51,362	-	-	199,686	11	82	710
Ashdown (AR)	-	-	-	-	-	-	-	-	-
Big Island (VA)	-	-	-	-	-	-	-	-	-
Brunswick Pulp&Paper Co (GA)	-	17,460	27,622	-	-	296	-	16	162
Cedar Springs (GA)	-	-	-	-	-	50,572	*	*	*
Crossett Paper (AR)	-	1,011	7,902	-	-	43,803	-	*	*
Fort Bragg Western Wood Products (CA)	-	-	-	-	-	-	-	-	-
Leaf River (MS)	-	-	-	-	-	-	-	-	-
Monticello Paper (MS)	-	-	-	-	-	-	-	-	-
Naheola Mill (AL)	6,262	571	2,984	-	-	35,306	11	3	103
Nekoosa Mill (WI)	-	-	-	-	-	-	-	-	-
Palatka Operations (FL)	-	11,662	-	-	-	34,915	-	62	-
Port Edwards Mill (WI)	-	-	-	-	-	-	-	-	-
Port Hudson Pulp Printing Paper (LA)	-	-	12,854	-	-	34,794	-	-	445
Woodland Pulp Paper (ME)	-	-	-	-	-	-	-	-	-
Gilberton Power Co	58,887	-	-	-	-	-	52	-	-
John B Rich Memorial Power Station (PA)	58,887	-	-	-	-	-	52	-	-
Gillette Co	-	-	4,000	-	-	-	-	-	74
Gillette Co (MA)	-	-	4,000	-	-	-	-	-	74
Gilman Paper Co	-	-	-	-	-	-	-	-	-
Gilman Paper Co (GA)	-	-	-	-	-	-	-	-	-
Glen Park Associates	-	-	-	2,225	-	-	-	-	-
Glen Park Hydroelectric Project (NY)	-	-	-	2,225	-	-	-	-	-
Goaline Ltd Partnership	-	-	37,235	-	-	-	-	-	299
Goal Line LP (CA)	-	-	37,235	-	-	-	-	-	299
Goodyear Tire & Rubber Co	10,101	5	20,742	-	-	-	11	*	821
Goodyear Power Plant (OH)	10,101	5	-	-	-	-	11	*	-
The Goodyear&Tire Rubber Co (TX)	-	-	20,742	-	-	-	-	-	821
Gorbell Thermo Electron Pwr Co	-	-	-	-	-	-	-	-	-
Gorbell Thermo Electron Power Co (ME)	-	-	-	-	-	-	-	-	-
Gordonsville Energy LP	-	-	22,823	-	-	-	-	-	193
Gordonsville Energy LP (VA)	-	-	22,823	-	-	-	-	-	193
GPU International Inc-Onondaga	-	-	34,052	-	-	-	-	-	261
Onondaga Cogeneration (NY)	-	-	34,052	-	-	-	-	-	261
Grayling Generating Station LP	-	-	-	-	-	16,608	-	-	-
Grayling Generating Station (MI)	-	-	-	-	-	16,608	-	-	-
Grays Ferry Cogeneration Partn	-	-	88,617	-	-	-	-	-	839

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Grays Ferry Cogeneration Partnershi (PA)	-	-	88,617	-	-	-	-	-	839
Great Northern Paper Inc	-	-	-	57,236	-	-	-	-	-
Great Northern Paper (ME)	-	-	-	57,236	-	-	-	-	-
Greenville Steam Co	-	-	-	-	-	11,515	-	-	-
Greenville Steam Co (ME)	-	-	-	-	-	11,515	-	-	-
Gregory Power Partners LP	-	-	245,952	-	-	-	-	-	2,499
Gregory Power Plant (TX)	-	-	245,952	-	-	-	-	-	2,499
Guadalupe Power Partners LP	-	-	307,239	-	-	-	-	-	2,290
Guadalupe Generating Road (TX)	-	-	307,239	-	-	-	-	-	2,290
Gulf States Paper Corp	-	-	-	-	-	15,028	-	-	-
Gulf States Paper Corp (AL)	-	-	-	-	-	15,028	-	-	-
GWF Power Systems LP	-	27,936	-	-	-	-	-	11	-
East Third Street Power Plant (CA)	-	14,202	-	-	-	-	-	5	-
Loveridge Road Power Plant (CA)	-	13,734	-	-	-	-	-	5	-
Hamakua Energy Partners LP	-	42,445	-	-	-	-	-	68	-
Hamakua Energy Plant (HI)	-	42,445	-	-	-	-	-	68	-
Harbor Cogeneration Co	-	-	16,225	-	-	-	-	-	174
Harbor Cogeneration Co (CA)	-	-	16,225	-	-	-	-	-	174
Hardee Power Partners Ltd	-	11,813	89,358	-	-	-	-	18	760
Hardee Power Station (FL)	-	11,813	89,358	-	-	-	-	18	760
Hartwell Energy Ltd Partners	-	28	63,337	-	-	-	-	*	741
Hartwell Energy LP (GA)	-	28	63,337	-	-	-	-	*	741
Hawaiian Coml & Sugar Co Ltd	895	105	-	1,769	-	18,647	2	1	-
Hawaiian Coml&Sugar Co (HI)	895	105	-	1,769	-	18,647	2	1	-
Heard County Power LLC	-	-	32,139	-	-	-	-	-	347
Calcasieu Power LLC (LA)	-	-	32,139	-	-	-	-	-	347
Heber Geothermal Co	-	-	-	-	-	25,943	-	-	-
Heber Geothermal Co (CA)	-	-	-	-	-	25,943	-	-	-
Hemphill Power & Light Co	-	-	-	-	-	10,240	-	-	-
Hemphill Power&Light Co (NH)	-	-	-	-	-	10,240	-	-	-
Hercules Inc	6,871	-31	2,102	-	-	-	10	*	-
Green Tree Chemical Technologies IN (NJ)	-	-44	2,102	-	-	-	-	*	-
Hercules Inc Missouri Chemical Work (MO)	6,871	13	-	-	-	-	10	*	-
Herold A C	-	-	68,431	-	-	-	-	-	506
Hermiston Generating Plant (OR)	-	-	68,431	-	-	-	-	-	506
Hidalgo Energy Center LP	-	-	192,695	-	-	-	-	-	1,331
Hidalgo Energy Center (TX)	-	-	192,695	-	-	-	-	-	1,331
High Sierra Ltd	-	-	-	-	-	-	-	-	-
High Sierra (CA)	-	-	-	-	-	-	-	-	-
Hillman Power Co	-	-	32	-	-	10,048	-	-	1
Hillman Power Co LLC (MI)	-	-	32	-	-	10,048	-	-	1
Hillsborough County	-	-	19	-	-	-	-	-	*
Hillsborough County Resource Recove (FL)	-	-	19	-	-	-	-	-	*
HL Power Co	-	-	3,918	-	-	17,581	-	-	46
HL Power Plant (CA)	-	-	3,918	-	-	17,581	-	-	46
Hopewell Cogeneration Inc	-	1,160	72,203	-	-	-	-	2	674
Hopewell Cogeneration (VA)	-	1,160	72,203	-	-	-	-	2	674

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Howden Wind Parks Inc	-	-	-	-	-	6,218	-	-	-
Howden Windpark 1 (CA).....	-	-	-	-	-	6,218	-	-	-
Huntsman Corp	-	-	46,016	-	-	-	-	-	586
JCO Oxides Olefins Plant (TX).....	-	-	46,016	-	-	-	-	-	586
Hydro Technology Systems Inc	-	-	-	618	-	-	-	-	-
Mevers Falls (WA).....	-	-	-	618	-	-	-	-	-
Hydro-Op One Associates	-	-	-	751	-	-	-	-	-
Dayton Hydro (IL).....	-	-	-	751	-	-	-	-	-
IBM Corp	-	51	-	-	-	-	-	*	-
IBM San Jose Standby Generator (CA).....	-	51	-	-	-	-	-	*	-
IMC Phosphates Co	-	-	58,973	-	-	-	-	-	-
IMC Agrico Co New Wales Operations (FL).....	-	-	18,695	-	-	-	-	-	-
IMC Agrico Co South Pierce Operatio (FL).....	-	-	23,004	-	-	-	-	-	-
IMC Agrico Company Uncle Sam Plant.....	-	-	17,274	-	-	-	-	-	-
Indeck-Corinth Ltd Partnership	-	-	156,768	-	-	-	-	-	1,418
Indeck Corinth Energy Center (NY).....	-	-	94,567	-	-	-	-	-	781
Indeck Rockford Energy Center (IL).....	-	-	62,201	-	-	-	-	-	637
Indeck-Energy Serv Silver Sprg	-	-	35,808	-	-	-	-	-	340
Indeck Silver Springs Energy Center (NY).....	-	-	35,808	-	-	-	-	-	340
Indeck-Ilion Ltd Partnership	-	-	22,049	-	-	-	-	-	190
Indeck Ilion Energy Center (NY).....	-	-	22,049	-	-	-	-	-	190
Indeck-Maine Energy LLC	-	-	-	-	-	14,935	-	-	-
Indeck Jonesboro Energy Center (ME).....	-	-	-	-	-	-	-	-	-
Indeck West Enfield Energy Center (ME).....	-	-	-	-	-	14,935	-	-	-
Indeck-Olean Ltd Partnership	-	-	27,450	-	-	-	-	-	233
Indeck Olean Energy Center (NY).....	-	-	27,450	-	-	-	-	-	233
Indeck-Oswego Ltd Partnership	-	-	18,504	-	-	-	-	-	174
Indeck Oswego Energy Center (NY).....	-	-	18,504	-	-	-	-	-	174
Indeck-Pepperell Power Assoc	-	6	9,474	-	-	-	-	*	82
Indeck Pepperell Power Facility (MA).....	-	6	9,474	-	-	-	-	*	82
Indeck-Rockford LLC	-	-	-	-	-	-	-	-	-
Indeck Rockford Energy Center (IL).....	-	-	-	-	-	-	-	-	-
Santa Ynez Facility (CA).....	-	-	-	-	-	-	-	-	-
Indeck-Yerkes Ltd Partnership	-	10	20,458	-	-	-	-	*	192
Indeck Yerkes Energy Center (NY).....	-	10	20,458	-	-	-	-	*	192
Independent Power Americas Inc	-	-	94,998	-	-	-	-	-	1,041
Manchief Electric Generating Statio (TX).....	-	-	94,998	-	-	-	-	-	1,041
Indiantown Cogeneration LP	221,449	-	-	-	-	-	90	-	-
Indiantown Cogeneration Facility (FL).....	221,449	-	-	-	-	-	90	-	-
Ingersoll Milling	-	-	-	-	-	-	-	-	-
Ingersoll Milling Machine Co (IL).....	-	-	-	-	-	-	-	-	-
Ingleside Cogeneration LP	-	-	265,950	-	-	-	-	-	2,146
Ingleside Cogeneration (TX).....	-	-	265,950	-	-	-	-	-	2,146
Inland Container Corp	-	-	921	-	-	20,380	-	-	330
Inland Paperboard and Packaging (TX).....	-	-	921	-	-	20,380	-	-	330
Inland Paperboard & Pack'g Inc	8,312	4,111	38	-	-	13,937	12	12	1
Inland Paperboard Packaging Rome Li (GA).....	8,312	4,111	38	-	-	13,937	12	12	1
Inland Steel Co	-	-	490	-	-	-	-	-	4,167
2 AC Station (IN).....	-	-	490	-	-	-	-	-	4,167

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
4 AC Station (IN)	-	-	-	-	-	-	-	-	-
Expander Turbine (IN)	-	-	-	-	-	-	-	-	-
Intercontinental Energy Corp.	-	-	413,162	-	-	-	-	-	1,928
Bellingham Cogeneration Facility (MA)	-	-	220,752	-	-	-	-	-	1,770
Sayreville Cogeneration Facility (NJ)	-	-	192,410	-	-	-	-	-	158
International Paper Co.	10,940	17,041	11,230	-	-	72,379	18	65	460
Erie Mill (PA)	-	-	-	-	-	-	-	-	-
Georgetown Mill (SC)	3,722	2,953	387	-	-	41,393	8	19	16
Lock Haven Mill (PA)	-	-	-	-	-	-	-	-	-
Texarkana Mill (TX)	-	3,144	10,202	-	-	29,054	-	23	426
Thilmany Pulp Paper (WI)	7,218	10,944	641	-	-	1,932	10	23	18
International Paper Co-Padgett.	20,065	111	11,747	-	-	15,752	15	*	171
International Paper Augusta Mill (GA)	20,065	111	11,747	-	-	15,752	15	*	171
International Turbine Res Inc.	-	-	-	-	-	4,950	-	-	-
Dinosaur Point (CA)	-	-	-	-	-	4,950	-	-	-
IPC-Androscoggin Mill.	-	6,205	17,460	5,247	-	29,615	-	28	473
Androscoggin Mill (ME)	-	6,205	17,460	-	-	29,615	-	28	473
Jay Hydro (ME)	-	-	-	745	-	-	-	-	-
Livermore Hydro (ME)	-	-	-	2,559	-	-	-	-	-
Riley Hydro (ME)	-	-	-	1,943	-	-	-	-	-
IPC-Camden.	-	-	-	-	-	-	-	-	-
Camden Mill (AR)	-	-	-	-	-	-	-	-	-
IPC-Louis.	320	-	7,125	-	-	32,835	1	-	277
Louisiana Mill (LA)	320	-	7,125	-	-	32,835	1	-	277
IPC-Mansfield Mill.	2,515	1,244	22,247	-	-	47,078	3	7	447
Mansfield Mill (LA)	2,515	1,244	22,247	-	-	47,078	3	7	447
IPC-Natchez.	-	-	-	-	-	-	-	-	-
Natchez Mill (MS)	-	-	-	-	-	-	-	-	-
IPC-Pine.	-	-	6,989	-	-	19,270	-	-	292
IPC Pine Bluff Mill (AR)	-	-	2,161	-	-	7,805	-	-	55
Pineville Mill (LA)	-	-	4,828	-	-	11,465	-	-	237
IPC-Riverdale Road.	-	144	32,121	-	-	26,565	-	1	702
Riverdale Mill (AL)	-	144	32,121	-	-	26,565	-	1	702
IPC-Ticonderoga.	-	10,890	-	-	-	16,027	-	46	-
Ticonderoga Mill (NY)	-	10,890	-	-	-	16,027	-	46	-
IPC-Vicks.	-	-	6,221	-	-	15,363	-	-	288
Vicksburg Mill (MS)	-	-	6,221	-	-	15,363	-	-	288
Islip Resource Recovery Agency.	-	-	-	-	-	-	-	-	-
Mac Arthur Waste to Energy Facility (NY)	-	-	-	-	-	-	-	-	-
James River Corp.	6,262	7,115	2,984	-	-	45,275	-	14	-
Naheola Mill (AL)	6,262	711	2,984	-	-	35,306	-	-	-
Old Town Division (ME)	-	6,544	-	-	-	31	-	14	-
St Francisville Mill (LA)	-	-	-	-	-	9,938	-	-	-
Jefferson Smurfit Corp.	-	-	-	-	-	57,883	-	-	-
Jefferson Smurfit Corp (FL)	-	-	-	-	-	57,883	-	-	-
Jefferson Smurfit Corp-LA.	-	-	11,786	-	-	-	-	-	137
Smurfit Stone Container Corp (CA)	-	-	11,786	-	-	-	-	-	137
John Deere Harvester Works Co.	709	-	-	-	-	-	2	-	-
John Deere Harvester Works (IL)	709	-	-	-	-	-	2	-	-
Kaiser Aluminum&Chemical Corp.	-	-	21,517	-	-	-	-	-	527
Kaiser Aluminum (LA)	-	-	21,517	-	-	-	-	-	527

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Kalaeloa Partners LP	-	-	-	-	-	-	-	-	-
Kalaeloa Cogeneration Plant (HI).....	-	-	-	-	-	-	-	-	-
Kamine/Besicorp Syracuse LP	-	-	-	-	-	-	-	-	-
CH Resources Syracuse (NY).....	-	-	-	-	-	-	-	-	-
Kenetech Windpower Inc	-	-	-	-	-	-	-	-	-
Altamont Pass Windplant (CA).....	-	-	-	-	-	-	-	-	-
Kent County	-	-	-	-	-	-	-	-	-
Kent County Waste to Energy Facilit (MI).....	-	-	-	-	-	-	-	-	-
Kern Front Ltd	-	-	-	-	-	-	-	-	-
Kern Front (CA).....	-	-	-	-	-	-	-	-	-
Kern River Cogeneration Co	-	-	218,737	-	-	-	-	-	2,589
Kern River Cogeneration Co (CA).....	-	-	218,737	-	-	-	-	-	2,589
KES Chateaugay LP	-	-	-	-	-	12,361	-	-	-
Chateaugay Power Station (NY).....	-	-	-	-	-	12,361	-	-	-
KeySpan-Ravenswood Inc	-	102,761	668,242	-	-	-	-	168	6,832
Ravenswood (NY).....	-	102,761	668,242	-	-	-	-	168	6,832
KIAC Partners	-	-	64,203	-	-	-	-	-	502
Kennedy International Airport Cogen (NY).....	-	-	64,203	-	-	-	-	-	502
Kimberly-Clark Corp	18,441	19,997	-	-	-	-	22	10	-
Chester Operations (PA).....	18,441	19,997	-	-	-	-	22	10	-
King County Dept-Natural Res	-	-	-	-	-	1,215	-	-	-
West Point Treatment Plant (WA).....	-	-	-	-	-	1,215	-	-	-
Koch Petroleum Group LP	-	-	21,042	-	-	-	-	13	256
Koch Petroleum Group LP Corpus Refi (TX).....	-	-	21,042	-	-	-	-	13	256
Koppers Industries Inc	-	-	-	-	-	4,650	-	-	-
Susquehanna Plant (PA).....	-	-	-	-	-	4,650	-	-	-
Lafarge Corp	26,956	-	-	-	-	-	39	-	-
LaFarge Corp Alpena (MI).....	26,956	-	-	-	-	-	39	-	-
Lake Benton Power Partners LLC	-	-	-	-	-	16,295	-	-	-
Lake Benton I (MN).....	-	-	-	-	-	16,295	-	-	-
Lake Cogen Ltd	-	-	57,168	-	-	-	-	-	439
Lake Cogen Ltd (FL).....	-	-	57,168	-	-	-	-	-	439
Lake Superior Paper Co	-	-	-	-	-	-	-	-	-
Lake Superior Paper Industries (MN).....	-	-	-	-	-	-	-	-	-
Lancaster County Solid WR Auth	-	-	91	-	-	-	-	-	1
Lancaster County Resource Recovery (PA).....	-	-	91	-	-	-	-	-	1
Landfill Generating Partners	-	-	-	-	-	-	-	-	-
Orange County New York (NY).....	-	-	-	-	-	-	-	-	-
Las Vegas Cogeneration	-	-	17,571	-	-	-	-	-	132
Las Vegas Cogeneration LP (NV).....	-	-	17,571	-	-	-	-	-	132
Leathers LP	-	-	-	-	-	-	-	-	-
JM Leathers (CA).....	-	-	-	-	-	-	-	-	-
Lee County Board-Commissioners	-	-	-	-	-	-	-	-	-
Lee County Solid Waste Energy Recov (FL).....	-	-	-	-	-	-	-	-	-
L'Ennergia Ltd Partnership	-	-	7,638	-	-	-	-	-	65
UAE Lowell Power LLC (MA).....	-	-	7,638	-	-	-	-	-	65

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
LG&E Westmoreland Rensselaer	-	-	23,887	-	-	-	-	-	209
Rensselaer Cogen (NY).....	-	-	23,887	-	-	-	-	-	209
Little Rock Wastewater Utility	-	-	223	-	-	336	-	-	6
Fourche Creek Wastewater (AR).....	-	-	223	-	-	336	-	-	6
Live Oak Ltd	-	-	33,258	-	-	-	-	-	304
Live Oak Cogen (CA).....	-	-	33,258	-	-	-	-	-	304
Lockport Energy Associates LP	-	224	116,938	-	-	-	-	1	1,028
Lockport Energy Assoc LP Lockport C (NY).....	-	224	116,938	-	-	-	-	1	1,028
Logan Generating Co LP	123,724	-	-	-	-	-	50	-	-
Logan Generating Plant (NJ).....	123,724	-	-	-	-	-	50	-	-
Long Beach Generation LLC	-	-	31,991	-	-	-	-	-	335
Long Beach Generation LLC (CA).....	-	-	31,991	-	-	-	-	-	335
Longview Fibre Co	-	-	5,413	-	-	18,592	-	-	249
Longview Fibre Co (WA).....	-	-	5,413	-	-	18,592	-	-	249
Los Angeles County Sanitation	-	-	1,660	-	-	-	-	-	43
Commerce Refuse To Energy (CA).....	-	-	639	-	-	-	-	-	11
Palos Verdes Gas to Energy Facility (CA).....	-	-	1,021	-	-	-	-	-	32
Puente Hills Energy Recovery (CA).....	-	-	-	-	-	-	-	-	-
Spadra Landfill Gas to Energy (CA).....	-	-	-	-	-	-	-	-	-
Louisiana Generating LLC	933,095	1,611	59,465	-	-	-	613	3	640
Big Cajun (LA).....	-	-	59,465	-	-	-	-	-	640
Big Cajun 2 (LA).....	933,095	1,611	-	-	-	-	613	3	-
Louisiana Pacific Samoa Inc.	-	-	-	-	-	12,710	-	-	-
Pulp Mill Power House (CA).....	-	-	-	-	-	12,710	-	-	-
LSP Energy Ltd Partnership	-	-	328,293	-	-	-	-	-	2,607
Batesville Generation Facility (MS).....	-	-	328,293	-	-	-	-	-	2,607
LSP-Cottage Grove LP	-	-	82,699	-	-	-	-	-	635
Cogentrix LSP Cottage Grove (MN).....	-	-	82,699	-	-	-	-	-	635
LSP-Whitewater LP	-	-	76,757	-	-	-	-	-	602
Whitewater Cogeneration Facility (WI).....	-	-	76,757	-	-	-	-	-	602
LTV Steel Co Inc	-	-	-	-	-	-	-	-	-
LTV Steel Cleveland Works (OH).....	-	-	-	-	-	-	-	-	-
LTV Steel Indiana Harbor Works (IN).....	-	-	-	-	-	-	-	-	-
Luz Solar Partners Ltd III	-	-	-	-	-	11,765	-	-	-
SEGS III (CA).....	-	-	-	-	-	11,765	-	-	-
Luz Solar Partners Ltd IV	-	-	-	-	-	11,612	-	-	-
SEGS IV (CA).....	-	-	-	-	-	11,612	-	-	-
Luz Solar Partners Ltd IX	-	-	-	-	-	-	-	-	-
SEGS IX (CA).....	-	-	-	-	-	-	-	-	-
Luz Solar Partners Ltd V	-	-	-	-	-	11,840	-	-	-
SEGS V (CA).....	-	-	-	-	-	11,840	-	-	-
Luz Solar Partners Ltd VI	-	-	-	-	-	11,307	-	-	-
SEGS VI (CA).....	-	-	-	-	-	11,307	-	-	-
Luz Solar Partners Ltd VII	-	-	-	-	-	10,884	-	-	-
SEGS VII (CA).....	-	-	-	-	-	10,884	-	-	-
Luz Solar Partners Ltd VIII	-	-	12,886	-	-	19,274	-	-	159
SEGS VIII (CA).....	-	-	12,886	-	-	19,274	-	-	159
M A Patout & Sons Ltd	-	-	-	-	-	-	-	-	-
M A Patout Son Ltd (LA).....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
MacMillan Bloedel Packaging	-	-	-	-	-	51,770	-	-	-
MacMillan Bloedel Packaging Inc (AL).....	-	-	-	-	-	51,770	-	-	-
Madison Generating Station LLC	-	-	56,835	-	-	-	-	-	678
Madison Generating Station (OH).....	-	-	56,835	-	-	-	-	-	678
Madison Paper Industries Inc	-	918	-	12,453	-	-	-	14	-
Anson Abenaki Hydros (ME).....	-	918	-	12,453	-	-	-	14	-
Maine Energy Recovery Co	-	-	368	-	-	-	-	-	5
Maine Energy Recovery Co (ME).....	-	-	368	-	-	-	-	-	5
Mammoth Pacific LP	-	-	-	-	-	14,464	-	-	-
Mammoth Pacific I (CA).....	-	-	-	-	-	2,536	-	-	-
Mammoth Pacific II (CA).....	-	-	-	-	-	4,893	-	-	-
Ples I (CA).....	-	-	-	-	-	7,035	-	-	-
March Point Cogeneration Co	-	-	88,091	-	-	-	-	-	963
March Point Cogeneration Co (WA).....	-	-	88,091	-	-	-	-	-	963
Martinez Refining Co	-	-	70,752	-	-	-	-	-	658
Martinez Refining Co A Div of Equil (CA).....	-	-	70,752	-	-	-	-	-	658
Maryland Dept-Pub Safety & Corr	-	13	-	-	-	750	-	*	-
Eastern Correctional Institute (MD).....	-	13	-	-	-	750	-	*	-
Massachusetts Bay Trans Auth	-	221	-	-	-	-	-	*	-
M Street Jet (MA).....	-	221	-	-	-	-	-	*	-
Massachusetts Water Res Auth	-	458	-	435	-	2,030	-	2	-
Deer Island Treatment Plant (MA).....	-	458	-	435	-	2,030	-	2	-
MASSPOWER	-	36	119,227	-	-	-	-	*	1,029
Masspower (MA).....	-	36	119,227	-	-	-	-	*	1,029
McKittrick Ltd	-	-	34,156	-	-	-	-	-	310
McKittrick Cogen (CA).....	-	-	34,156	-	-	-	-	-	310
Mead Coated Board Inc	-	-	13,159	-	-	50,852	-	-	169
Mead Coated Board Inc (AL).....	-	-	13,159	-	-	50,852	-	-	169
Mead Corp	55,915	158	2,718	19,582	-	60,265	35	1	124
Mead Corp (ME).....	-	39	2,718	-	-	-	-	*	124
Mead Paper Division (ME).....	24,574	119	-	-	-	18,652	23	1	-
Rumford Cogeneration Co (ME).....	31,341	-	-	-	-	41,613	12	-	-
Rumford Falls Power Co (ME).....	-	-	-	19,582	-	-	-	-	-
Mead Paper Corp	27,157	211	18,443	-	-	15,299	16	*	218
Mead Paper (MI).....	27,157	211	18,443	-	-	15,299	16	*	218
Mecklenberg Cogeneration LP	64,733	264	-	-	-	-	32	*	-
Mecklenburg Cogeneration Facility (VA).....	64,733	264	-	-	-	-	32	*	-
Medical Area Totl Engy Plt Inc	-	-	-	-	-	-	-	-	-
Medical Area Total Energy Plant (MA).....	-	-	-	-	-	-	-	-	-
Mendota Biomass Power Ltd	-	-	-	-	-	12,469	-	-	-
Mendota Biomass Power Ltd (CA).....	-	-	-	-	-	12,469	-	-	-
Merck & Co Inc	-	-	-	-	-	-	-	-	-
Merck Rahway Power Plant (NJ).....	-	-	-	-	-	-	-	-	-
Merck & Co Inc-West Point	-	38,021	-	-	-	-	-	514	-
West Point Facility (PA).....	-	38,021	-	-	-	-	-	514	-
Merrimac Paper Co Inc	-	74	-	-	-	-	-	3	-
Merrimac Paper Co Inc (MA).....	-	74	-	-	-	-	-	3	-
Metro Dade County	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Miami Dade County Resources Recover	-	-	-	-	-	-	-	-	-
Metropolitan Wastewater Reclam	-	-	-	-	-	7	-	-	-
Metro Wastewater Reclamation Distri (CO).....	-	-	-	-	-	7	-	-	-
Miami Dade Water & Sewer Auth	-	-	-	-	-	2,317	-	-	-
Central District Wastewater Treatme (FL).....	-	-	-	-	-	1,330	-	-	-
South District Wastewater Treatment (FL).....	-	-	-	-	-	987	-	-	-
Michigan Automotive Research	-	-	-	-	-	-	-	-	-
Lotus Engineering Inc (MI).....	-	-	-	-	-	-	-	-	-
Michigan Power Ltd Partnership	-	-	90,782	-	-	-	-	-	814
Michigan Power LP (MI).....	-	-	90,782	-	-	-	-	-	814
Michigan State University	2,139	-	46	-	-	-	22	-	9
T B Simon Power Plant (MI).....	2,139	-	46	-	-	-	22	-	9
Mid-America Power LLC	7,150	-	-	-	-	-	4	-	-
E J Stoneman Station (WI).....	7,150	-	-	-	-	-	4	-	-
Mid-Continent Power Co Inc	-	-	29,297	-	-	-	-	-	361
Calpine Pryor Inc (OK).....	-	-	29,297	-	-	-	-	-	361
Middletown Power LLC	-	48,702	77,692	-	-	-	-	88	864
Middletown (CT).....	-	48,702	77,692	-	-	-	-	88	864
Mid-Georgia CoGen LP	-	-	55,466	-	-	-	-	-	356
Mid Georgia Cogen (GA).....	-	-	55,466	-	-	-	-	-	356
Midway-Sunset Cogeneration Co	-	-	167,794	-	-	-	-	-	1,730
Midway Sunset Cogeneration Co (CA).....	-	-	167,794	-	-	-	-	-	1,730
Midwest Generations EME LLC	2,824,345	19,745	575,197	-	-	-	1,714	38	6,971
Bloom (IL).....	-	-	-	-	-	-	-	-	-
Calumet (IL).....	-	-	1,736	-	-	-	-	-	33
Collins (IL).....	-	16,708	551,788	-	-	-	-	31	6,621
Crawford (IL).....	275,726	-	3,356	-	-	-	160	-	47
Electric Junction (IL).....	-	-	4,942	-	-	-	-	-	95
Fisk Street (IL).....	169,197	464	577	-	-	-	95	1	8
Joliet 29 (IL).....	424,081	-	6,800	-	-	-	252	-	99
Joliet 9 (IL).....	113,115	-	3,258	-	-	-	68	-	19
Lombard (IL).....	-	-	86	-	-	-	-	-	2
Powerton (IL).....	829,551	-	241	-	-	-	523	-	4
Sabrooke (IL).....	-	-	2,195	-	-	-	-	-	40
Waukegan (IL).....	485,451	135	218	-	-	-	295	*	3
Will County (IL).....	527,224	2,438	-	-	-	-	322	6	-
Midwest Wind Developers	-	-	-	-	-	-	-	-	-
Alta Iowa Project (Storm Lake I) (IA).....	-	-	-	-	-	-	-	-	-
Milford Power Ltd Partnership	-	-	53,954	-	-	-	-	-	441
Milford Power LP (MA).....	-	-	53,954	-	-	-	-	-	441
Millennium Power Partners LP	-	-	236,912	-	-	-	-	-	1,656
Millennium Power (MA).....	-	-	236,912	-	-	-	-	-	1,656
Minnesota Mining & Mfg Co	-	1,211	1,708	-	-	-	-	4	30
Central Utility Plant (TX).....	-	1,211	1,708	-	-	-	-	4	30
Mirant Canal LLC	-	366,691	26,862	-	-	-	-	582	297
Canal Plant (MA).....	-	366,444	26,862	-	-	-	-	582	297
Oak Bluffs Generating Facility (MA).....	-	151	-	-	-	-	-	*	-
West Tisbury Generating Facility (MA).....	-	96	-	-	-	-	-	*	-
Mirant Chalk Point LLC	358,873	150,193	266,535	-	-	-	163	224	2,579
Chalk Point (MD).....	358,873	150,193	266,535	-	-	-	163	224	2,579
Mirant Corp	-	-	177,063	-	-	-	-	-	1,250
SEI Texas Bosque County Peaking Pla (TX).....	-	-	177,063	-	-	-	-	-	1,250

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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	-	2,576	22,406	-	-	-	-	8	385
Kendall Square Station (MA)	-	2,576	22,406	-	-	-	-	8	385
Mirant Mid-Atlantic LLC	1,011,412	18,608	46,721	-	-	-	293	41	542
Dickerson (MD)	282,883	1,702	46,721	-	-	-	110	4	542
Morgantown (MD)	728,529	16,906	-	-	-	-	183	36	-
Mirant Potomac River LLC	238,695	1,463	-	-	-	-	98	2	-
Potomac River (VA)	238,695	1,463	-	-	-	-	98	2	-
Mobil Oil Corp-Beaumont	-	-	193,634	-	-	-	-	-	3,247
Beaumont Refinery (TX)	-	-	193,634	-	-	-	-	-	3,247
Mobil Oil Corp-Joliet	-	1,079	29,133	-	-	-	-	5	781
Paulsboro Refinery (NJ)	-	1,079	29,133	-	-	-	-	5	781
Mobil Oil Corp-Torrance	-	-	21,534	-	-	-	-	-	167
Torrance Refinery (CA)	-	-	21,534	-	-	-	-	-	167
Mobile Energy Service Holdings	8,482	-	-	-	-	31,392	15	-	-
Mobile Energy Services Co LLC (AL)	8,482	-	-	-	-	31,392	15	-	-
Mojave Cogeneration Co	-	-	31,408	-	-	-	-	-	313
Mojave Cogeneration Co (CA)	-	-	31,408	-	-	-	-	-	313
Monsanto Co	-	-	52,721	-	-	-	-	-	943
Pensacola Florida Plant (FL)	-	-	52,721	-	-	-	-	-	943
Montenay Montgomery LP	-	53	-	-	-	-	-	*	-
Montenay Montgomery LP (PA)	-	53	-	-	-	-	-	*	-
Morgantown Energy Associates	37,376	-	-	-	-	-	35	-	-
Morgantown Energy Facility (WV)	37,376	-	-	-	-	-	35	-	-
Morrill Worcester	-	-	-	-	-	-	-	-	-
Worcester Energy Co Inc (ME)	-	-	-	-	-	-	-	-	-
Mosinee Paper Corp	583	-	-	-	-	5,989	4	-	-
Wausau Mosinee Paper Corp Pulp&Pape	583	-	-	-	-	5,989	4	-	-
Motiva Enterprises LLC	-	-	58,630	-	-	-	-	-	925
Port Arthur Refinery (TX)	-	-	58,630	-	-	-	-	-	925
Mountainview Power Co Inc	-	-	-	-	-	-	-	-	-
Mountainview Power Co LLC (CA)	-	-	-	-	-	-	-	-	-
MRWPCA	-	-	219	-	-	416	-	-	3
Monterey Regional Water Pollution C (CA)	-	-	219	-	-	416	-	-	3
Mt Lassen Power	-	-	-	-	-	6,992	-	-	-
Mt Lassen Power (CA)	-	-	-	-	-	6,992	-	-	-
Mt Poso Cogeneration Co	20,357	13,471	740	-	-	-	10	5	7
Mt Poso Cogeneration (CA)	20,357	13,471	740	-	-	-	10	5	7
Multitrade-Pittsylvania Cnty	-	-	-	-	-	31,574	-	-	-
Multitrade of Pittsylvania County L (VA)	-	-	-	-	-	31,574	-	-	-
MWRD:W/SW Facility	-	-	-	-	-	1,038	-	-	-
Stickney Water Reclamation Plant (IL)	-	-	-	-	-	1,038	-	-	-
Nashville Thermal Transfr Corp	-	-	-	-	-	-	-	-	-
Nashville Thermal Transfer Corp (TN)	-	-	-	-	-	-	-	-	-
Nelson Industrial Steam Co	-	157,156	-	-	-	-	-	57	-
Nelson Industrial Steam Co (LA)	-	157,156	-	-	-	-	-	57	-
Nevada Cogeneration Assoc # 1	-	-	60,921	-	-	-	-	-	485
Nevada Cogeneration Assoc 1 Garnet (NV)	-	-	60,921	-	-	-	-	-	485

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Nevada Cogeneration Assoc # 2	-	-	63,256	-	-	-	-	-	512
Nevada Cogen Assoc#2 Black Mtn Plan	-	-	63,256	-	-	-	-	-	512
Nevada Sun-Peak Ltd Partners	-	-	38,371	-	-	-	-	-	423
Nevada Sun Peak Project (NV)	-	-	38,371	-	-	-	-	-	423
New Albany Power I LLC	-	-	-	-	-	-	-	-	-
New Albany Power Facility (MS)	-	-	-	-	-	-	-	-	-
New Century Energies	-	-	11,136	-	-	-	-	-	136
Arapahoe Combustion Turbine Project (CO).....	-	-	11,136	-	-	-	-	-	136
New Hanover County	-	-	34	-	-	-	-	-	2
New Hanover County Wastec (NC).....	-	-	34	-	-	-	-	-	2
New Martinsville City of	-	-	-	13,830	-	-	-	-	-
New Martinsville Hydroelectric Plan (WV)	-	-	-	13,830	-	-	-	-	-
New World Power Corp	-	-	-	-	-	4,793	-	-	-
Big Spring Wind Power Facility (TX)	-	-	-	-	-	4,793	-	-	-
Newark Bay Cogen Partners LP	-	-	-	-	-	-	-	-	-
Newark Bay Cogeneration Project (NJ)	-	-	-	-	-	-	-	-	-
Newman & Co Inc	-	-	-	-	-	-	-	-	-
Newman Co Inc (PA)	-	-	-	-	-	-	-	-	-
NGE Enterprises Inc	-	-	-	-	-	-	-	-	-
South Glens Falls Energy LLC (NY)	-	-	-	-	-	-	-	-	-
Nissequogue Cogen Partners	-	-	32,500	-	-	-	-	-	351
Stony Brook Cogeneration Plant (NY).....	-	-	32,500	-	-	-	-	-	351
Norcon Power Partners LP	-	-	16,124	-	-	-	-	-	130
NEPA Energy LP (PA).....	-	-	16,124	-	-	-	-	-	130
North American Power Group	-	-	-	-	-	-	-	-	-
Ultrapower 3 Blue Lake (CA)	-	-	-	-	-	-	-	-	-
Northampton Generating Co LP	37,538	35,282	-	-	-	5,398	40	16	-
Northampton Generating Co LP (PA)	37,538	35,282	-	-	-	5,398	40	16	-
Northbrook Carolina Hydro LLC	-	-	-	733	-	-	-	-	-
Boys Mill Hydro (SC)	-	-	-	86	-	-	-	-	-
Hollidays Bridge Hydro (SC).....	-	-	-	254	-	-	-	-	-
Saluda (SC).....	-	-	-	76	-	-	-	-	-
Turner Shoals (NC)	-	-	-	317	-	-	-	-	-
Northeast Empire LP #1	-	-	-	-	-	27,620	-	-	-
Beaver Livermore Falls (ME)	-	-	-	-	-	27,620	-	-	-
Northeast Empire LP #2	-	-	-	-	-	-	-	-	-
Beaver Ashland (ME)	-	-	-	-	-	-	-	-	-
Northeast Generation Serv Co	-	1,067	-	-14,472	-	-	-	3	-
Bantam (CT)	-	-	-	-324	-	-	-	-	-
Bulls Bridge (CT)	-	-	-	1,376	-	-	-	-	-
Cabot (MA).....	-	-	-	12,510	-	-	-	-	-
Cobble Mt (MA).....	-	-	-	1,490	-	-	-	-	-
Fis Village (CT).....	-	-	-	622	-	-	-	-	-
Northfld Mt (MA).....	-	-	-	-36,300	-	-	-	-	-
Roberts vle (CT).....	-	-	-	26	-	-	-	-	-
Rocky River (CT).....	-	-	-	-603	-	-	-	-	-
Scotland Dm (CT)	-	-	-	78	-	-	-	-	-
Shepaug (CT).....	-	-	-	2,816	-	-	-	-	-
South Meadow (CT)	-	964	-	-	-	-	-	3	-
Stevenson (CT)	-	-	-	2,612	-	-	-	-	-
Taftville (CT).....	-	-	-	149	-	-	-	-	-
Tunnel (CT).....	-	103	-	68	-	-	-	*	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Turners FI (MA)	-	-	-	1,008	-	-	-	-	-
Northeast Maryland W D Auth	-	-	-	-	-	-	-	-	-
Montgomery County Resource Recovery	-	-	-	-	-	-	-	-	-
Northeastern Power Co	36,523	-	-	-	-	-	59	-	-
Kline Township Cogen Facil (PA).....	36,523	-	-	-	-	-	59	-	-
Northern Electric Power Co LP	-	-	-	9,828	-	-	-	-	-
Hudson Falls Hydroelectric Project (NY).....	-	-	-	9,828	-	-	-	-	-
Northern Sun/ADM-Enderlin K80	-	-	-	-	-	-	-	-	-
Enderlin (ND).....	-	-	-	-	-	-	-	-	-
Northlake Energy	-	-	30,210	-	-	-	-	-	7,680
5 AC Station (IN).....	-	-	30,210	-	-	-	-	-	7,680
Northwind Energy Inc	-	-	-	-	-	2,814	-	-	-
Northwind Energy Inc (CA).....	-	-	-	-	-	2,814	-	-	-
Norwalk Harbor Power LLC	-	52,992	-	-	-	-	-	92	-
NRG Norwalk Harbor Generating Stati (CT).....	-	52,992	-	-	-	-	-	92	-
Novactis Pharmaceuticals Corp	-	-	1,650	-	-	-	-	-	*
Novartis Pharmaceuticals (NJ).....	-	-	1,650	-	-	-	-	-	*
NRG Energy Arthur Kill	64,572	12,291	-	-	-	-	26	16	-
Somerset Station (MA).....	64,572	12,291	-	-	-	-	26	16	-
NRG Generating Newark	-	-	33,034	-	-	-	-	-	314
Calpine Newark Inc (NJ).....	-	-	33,034	-	-	-	-	-	314
NRG Huntley Operations Inc	141,296	108	-	-	-	-	213	1	-
Huntley Generating Station (NY).....	141,296	108	-	-	-	-	213	1	-
NRG Huntley Power LLC	358,999	94	-	-	-	-	133	*	-
Dunkirk Generating Station (NY).....	358,999	94	-	-	-	-	133	*	-
NRG Montville Operations Inc	-	49,537	16,039	-	-	-	-	92	186
Montville Station (CT).....	-	49,537	16,039	-	-	-	-	92	186
Oak Creek Energy System Inc II	-	-	-	-	-	10,013	-	-	-
Oak Creek Energy Systems Inc (CA).....	-	-	-	-	-	10,013	-	-	-
O'Brien Biogas IV LLC	-	-	-	-	-	-	-	-	-
O'Brien Biogas IV LLC (NJ).....	-	-	-	-	-	-	-	-	-
Occidental Chemical Corp	-	-	144,327	-	-	-	-	-	1,394
Deer Park Plant (TX).....	-	-	-	-	-	-	-	-	-
Houston Chemical Complex Battlegrou (TX).....	-	-	144,327	-	-	-	-	-	1,394
Ocean County Utilities Auth	-	3	-	-	-	240	-	*	-
Bayville Central Facility (NJ).....	-	3	-	-	-	240	-	*	-
Ocean State Power Co	-	-	112,524	-	-	-	-	-	996
Ocean State Power (RI).....	-	-	112,524	-	-	-	-	-	996
Ocean State Power II	-	-	106,897	-	-	-	-	-	949
Ocean State Power II (RI).....	-	-	106,897	-	-	-	-	-	949
Ogden Projects Inc-Hall	-	-	-	-	-	-	-	-	33
Walter B Hall Resource Recovery Fac (OK).....	-	-	-	-	-	-	-	-	33
Ogden Energy Group Inc-Stanisl	-	58	-	-	-	-	-	*	-
Hennepin Energy Resource Co LP (MN).....	-	-	-	-	-	-	-	-	-
I 95 Energy Resource Recovery Facil (VA).....	-	-	-	-	-	-	-	-	-
Stanislaus Resource Recovery Facili (CA).....	-	58	-	-	-	-	-	*	-
Ogden Energy Group Inc-Warren	-	-	-	-	-	-	-	-	-
Warren Energy Resource Co (NJ).....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Ogden Projects Inc-Babylon	-	19	-	-	-	-	-	*	-
Babylon Resource Recovery Facility (NY).....	-	19	-	-	-	-	-	*	-
Ogden Projects Inc-Bristol	-	-	10	-	-	-	-	-	*
Bristol Resource Recovery Facility (CT).....	-	-	10	-	-	-	-	-	*
Ogden Projects Inc-Haverhill	-	-	-	-	-	-	-	-	-
OHA Haverhill Mass Burn Waste to En	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Huntington	-	-	-	-	-	-	-	-	-
Huntington Resource Recovery Facili (NY).....	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Lake County	-	-	-	-	-	-	-	-	-
Lake County Resource Recovery Facil (FL).....	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Marion	-	-	-	-	-	-	-	-	-
Ogden Martin Systems of Marion Inc (OR).....	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Onondaga	-	-	-	-	-	-	-	-	-
Onondaga County Resource Recovery F	-	-	-	-	-	-	-	-	-
Ogden Projects Inc-Wallingford	-	55	-	-	-	-	-	*	-
Wallingford Resource Recovery Facil (CT).....	-	55	-	-	-	-	-	*	-
Oildale Energy LLC	-	-	27,842	-	-	-	-	-	277
Oildale Cogen (CA).....	-	-	27,842	-	-	-	-	-	277
Okeelanta Power LP	-	-	-	-	-	-	-	-	-
Okeelanta Power LP (FL).....	-	-	-	-	-	-	-	-	-
Oklahoma State University	-	-	949	-	-	-	-	-	50
Oklahoma State University (OK).....	-	-	949	-	-	-	-	-	50
Omaha City of	-	-	-	-	-	-	-	-	-
Missouri River Wastewater Treatment (NE).....	-	-	-	-	-	-	-	-	-
Papillion Creek Wastewater Treatment (NE).....	-	-	-	-	-	-	-	-	-
Oneida County Industl Dev Agcy	-	9	15,395	-	-	-	-	*	134
Sterling Energy Facility (NY).....	-	9	15,395	-	-	-	-	*	134
Orange Cogeneration LP	-	-	43,219	-	-	-	-	-	309
Orange Cogeneration Facility (FL).....	-	-	43,219	-	-	-	-	-	309
Orion Power MidWest LP	1,109,585	2,993	9,873	-	-	-	477	6	133
Avon Lake (OH).....	365,682	779	-	-	-	-	157	1	-
Brunot Island (PA).....	-	502	8,529	-	-	-	-	2	120
Cheswick (PA).....	339,452	132	1,344	-	-	-	133	*	13
Elrama (PA).....	169,744	898	-	-	-	-	78	1	-
New Castle (PA).....	136,466	74	-	-	-	-	64	*	-
Niles (OH).....	98,241	608	-	-	-	-	45	1	-
Orion Power New York	-	101,707	488,844	143,839	-	-	-	209	5,990
Allens Falls (NY).....	-	-	-	1,943	-	-	-	-	-
Astoria Generating Station (NY).....	-	76,687	371,564	-	-	-	-	129	3,917
Beardslee (NY).....	-	-	-	290	-	-	-	-	-
Belfort (NY).....	-	-	-	500	-	-	-	-	-
Bennetts Bridge (NY).....	-	-	-	3,983	-	-	-	-	-
Black River (NY).....	-	-	-	1,192	-	-	-	-	-
Blake (NY).....	-	-	-	4,145	-	-	-	-	-
Browns Falls (NY).....	-	-	-	1,011	-	-	-	-	-
Chasm (NY).....	-	-	-	1,879	-	-	-	-	-
Colton (NY).....	-	-	-	12,870	-	-	-	-	-
Deferiet (NY).....	-	-	-	1,068	-	-	-	-	-
E J West (NY).....	-	-	-	6,052	-	-	-	-	-
Eagle (NY).....	-	-	-	2,436	-	-	-	-	-
East Norfolk (NY).....	-	-	-	1,056	-	-	-	-	-
Eel Weir (NY).....	-	-	-	360	-	-	-	-	-
Effley (NY).....	-	-	-	4,174	-	-	-	-	-
Elmer (NY).....	-	-	-	260	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Ephratah (NY)	-	-	-	764	-	-	-	-	-
Five Falls (NY)	-	-	-	6,495	-	-	-	-	-
Flat Rock (NY)	-	-	-	-	-	-	-	-	-
Franklin (NY)	-	-	-	865	-	-	-	-	-
Fulton (NY)	-	-	-	431	-	-	-	-	-
Glenwood (NY)	-	-	-	557	-	-	-	-	-
Gowanus Gas Turbines (NY)	-	23,428	35,252	-	-	-	-	75	643
Granby (NY)	-	-	-	700	-	-	-	-	-
Hannawa (NY)	-	-	-	3,247	-	-	-	-	-
Herrings (NY)	-	-	-	435	-	-	-	-	-
Heuvelton (NY)	-	-	-	235	-	-	-	-	-
High Falls (NY)	-	-	-	2,067	-	-	-	-	-
Higley (NY)	-	-	-	1,787	-	-	-	-	-
Hydraulic Race (NY)	-	-	-	-	-	-	-	-	-
Inghams (NY)	-	-	-	830	-	-	-	-	-
Johnsonville (NY)	-	-	-	395	-	-	-	-	-
Kamargo (NY)	-	-	-	456	-	-	-	-	-
Lighthouse Hill (NY)	-	-	-	-	-	-	-	-	-
Macomb (NY)	-	-	-	88	-	-	-	-	-
Minetto (NY)	-	-	-	1,091	-	-	-	-	-
Moshier (NY)	-	-	-	3,526	-	-	-	-	-
Narrows Bay (NY)	-	1,592	82,028	-	-	-	-	5	1,430
Norfolk (NY)	-	-	-	1,317	-	-	-	-	-
Norwood (NY)	-	-	-	667	-	-	-	-	-
Oswego Fall West (NY)	-	-	-	-	-	-	-	-	-
Oswego Falls East (NY)	-	-	-	1,272	-	-	-	-	-
Parishville (NY)	-	-	-	435	-	-	-	-	-
Piercefield (NY)	-	-	-	742	-	-	-	-	-
Prosepect (NY)	-	-	-	3,245	-	-	-	-	-
Rainbow Falls (NY)	-	-	-	6,079	-	-	-	-	-
Raymondville (NY)	-	-	-	653	-	-	-	-	-
School Street (NY)	-	-	-	5,748	-	-	-	-	-
Schuylerville (NY)	-	-	-	210	-	-	-	-	-
Sewalls (NY)	-	-	-	538	-	-	-	-	-
Sherman Island (NY)	-	-	-	8,393	-	-	-	-	-
Soft Maple (NY)	-	-	-	2,385	-	-	-	-	-
South Colton (NY)	-	-	-	5,217	-	-	-	-	-
South Edwards (NY)	-	-	-	618	-	-	-	-	-
Spier Falls (NY)	-	-	-	10,213	-	-	-	-	-
Stark (NY)	-	-	-	6,260	-	-	-	-	-
Stewarts Bridge (NY)	-	-	-	10,116	-	-	-	-	-
Sugar Island (NY)	-	-	-	1,314	-	-	-	-	-
Talcville (NY)	-	-	-	35	-	-	-	-	-
Taylorville (NY)	-	-	-	1,661	-	-	-	-	-
Trenton Falls (NY)	-	-	-	7,758	-	-	-	-	-
Varick (NY)	-	-	-	636	-	-	-	-	-
Waterport (NY)	-	-	-	865	-	-	-	-	-
Yaleville (NY)	-	-	-	274	-	-	-	-	-
Orlando CoGen Ltd LP	-	-	77,160	-	-	-	-	-	616
Orlando CoGen LP (FL)	-	-	77,160	-	-	-	-	-	616
Ormesa Geothermal	-	-	-	-	-	10,221	-	-	-
Ormesa I (CA)	-	-	-	-	-	10,221	-	-	-
Ormesa Geothermal 1H Trust	-	-	-	-	-	5,262	-	-	-
Ormesa 1H (CA)	-	-	-	-	-	5,262	-	-	-
Ormesa Geothermal II	-	-	-	-	-	9,587	-	-	-
Ormesa Geothermal II (CA)	-	-	-	-	-	9,587	-	-	-
Oswego Harbor Power LLC	-	166,286	4,697	-	-	-	297	52	-
Oswego Harbor Power (NY)	-	166,286	4,697	-	-	-	297	52	-
Oxbow Geothermal Corp.	-	-	-	-	-	41,886	-	-	-
Oxbow Geothermal Corp Dixie Valley (NV)	-	-	-	-	-	41,886	-	-	-
Oxbow Power of Beowawe	-	-	-	-	-	8,560	-	-	-
Oxbow Power of Beowawe Inc (NV)	-	-	-	-	-	8,560	-	-	-

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Oxbow Power-N Tonawanda NY Inc	-	-	-	-	-	-	-	-	-
Oxbow Power of North Tonawanda New	-	-	-	-	-	-	-	-	-
Oxnard City of	-	-	161	-	-	454	-	-	3
Oxnard Wastewater Treatment Plant (CA)	-	-	161	-	-	454	-	-	3
Oyster Creek Ltd	-	-	245,844	-	-	-	-	-	2,581
Oyster Creek Unit VIII (TX)	-	-	245,844	-	-	-	-	-	2,581
P H Glatfelter Co	29,136	308	-	-	-	32,715	29	1	-
P H Glatfelter Co (PA)	29,136	308	-	-	-	32,715	29	1	-
Pacific Lumber Co	-	-	-	-	-	17,208	-	-	-
The Pacific Lumber Co (CA)	-	-	-	-	-	17,208	-	-	-
Pacific Oroville Power Co	-	-	-	-	-	12,310	-	-	-
Pacific Oroville Power Inc (CA)	-	-	-	-	-	12,310	-	-	-
Pacific Ultrapower Chinese	-	-	-	-	-	12,237	-	-	-
Ultrapower Chinese Station (CA)	-	-	-	-	-	12,237	-	-	-
Pacific West I	-	-	-	-	-	887	-	-	-
Pacific West (CA)	-	-	-	-	-	887	-	-	-
Palmer Hydroelectric	-	-	-	15,435	-	-	-	-	-
Curtis Palmer Hydroelectric (NY)	-	-	-	15,435	-	-	-	-	-
Panda Energy International Inc	-	-	535,855	-	-	-	-	-	3,837
Lamar Power Project (TX)	-	-	535,855	-	-	-	-	-	3,837
Panda-Brandywine LP	-	-	46,310	-	-	-	-	-	349
Panda Brandywine LP (MD)	-	-	46,310	-	-	-	-	-	349
Panda-Rosemary LP	-	-	20,411	-	-	-	-	-	175
Panda Rosemary LP (NC)	-	-	20,411	-	-	-	-	-	175
Panther Creek Partners	57,839	-	-	-	-	-	51	-	-
Panther Creek Energy Facility (PA)	57,839	-	-	-	-	-	51	-	-
Parkedale Pharmaceuticals Inc	-	-	1,936	-	-	-	-	-	31
Parkedale Pharmaceuticals Inc (MI)	-	-	1,936	-	-	-	-	-	31
Pasadena Cogeneration LP	-	-	445,843	-	-	-	-	-	3,251
Pasadena Power Plant (TX)	-	-	445,843	-	-	-	-	-	3,251
Pasco Cogen Ltd	-	-	-	-	-	-	-	-	-
Pasco Cogen Ltd (FL)	-	-	-	-	-	-	-	-	-
Pasco County	-	-	2,583	-	-	-	-	-	27
Pasco County Solid Waste Resource R (FL)	-	-	2,583	-	-	-	-	-	27
Pawtucket Power Associates LP	-	2,742	5,757	-	-	-	-	7	78
Pawtucket Power Associates (RI)	-	2,742	5,757	-	-	-	-	7	78
PCS Phosphate	-	-	-	-	-	-	-	-	-
PCS Phosphate Company Inc e k a Tex (NC)	-	-	-	-	-	-	-	-	-
PECO Energy Co	-	-	523,166	-	-	-	-	-	6,459
Handley (TX)	-	-	364,284	-	-	-	-	-	4,325
Mountain Creek (TX)	-	-	158,882	-	-	-	-	-	2,134
Pedricktown Cogeneration LP	-	-	-	-	-	-	-	-	-
Pedricktown Cogeneration Plant (NJ)	-	-	-	-	-	-	-	-	-
PEI Power Corp	-	-	1,864	-	-	-	-	-	33
Archbald Power Station (PA)	-	-	1,864	-	-	-	-	-	33
Pekin Paperboard Co LP	-	1	-	-	-	-	-	23	-
Pekin Paperboard Co (IL)	-	1	-	-	-	-	-	23	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Penobscot Energy Recovery Co	-	389	-	-	-	-	-	1	-
Penobscot Energy Recovery Co (ME)	-	389	-	-	-	-	-	1	-
Penobscot Hydro LLC	-	-	-	12,406	-	-	-	-	-
Ellsworth Hydro Station (ME)	-	-	-	1,343	-	-	-	-	-
Howland Hydro Station (ME)	-	-	-	372	-	-	-	-	-
Medway Hydro Station (ME)	-	-	-	2,108	-	-	-	-	-
Milford Hydro Station (ME)	-	-	-	3,569	-	-	-	-	-
Stillwater Hydro Station (ME)	-	-	-	806	-	-	-	-	-
Veazie Hydro Station (ME)	-	-	-	4,208	-	-	-	-	-
Phelps Dodge Corp	-	89	2,029	-	-	-	-	*	19
Chino Mines Co (NM)	-	-	2,028	-	-	-	-	-	19
Phelps Dodge Cobre Mining Co (NM)	-	-	-	-	-	-	-	-	-
Phelps Dodge Tyrone Inc (NM)	-	89	1	-	-	-	-	*	*
Pilgrim Nuclear Power Station	-	-	-	-	466,456	-	-	-	-
Pilgrim Nuclear Power Station (MA)	-	-	-	-	466,456	-	-	-	-
PIMA County Wastewater Manage	-	-	1,402	-	-	327	-	-	19
INA Road Water Pollution Control Fa (AZ)	-	-	1,402	-	-	327	-	-	19
Pinellas County Solid Waste	-	-	-	-	-	-	-	-	-
Pinellas County Resource Recovery (FL)	-	-	-	-	-	-	-	-	-
Pinetree Power Fitchburg Inc	-	-	-	-	-	12,108	-	-	-
Pinetree Power Fitchburg Inc (MA)	-	-	-	-	-	12,108	-	-	-
Pinetree Power Inc	-	-	-	-	-	11,680	-	-	-
Pinetree Power Inc (NH)	-	-	-	-	-	11,680	-	-	-
Pinetree Power Tamworth Inc	-	-	-	-	-	15,040	-	-	-
Pinetree Power Tamworth Inc (NH)	-	-	-	-	-	15,040	-	-	-
Pittsfield Generating Co LP	-	20	96,778	-	-	-	-	*	858
Pittsfield Generating Co LP (MA)	-	20	96,778	-	-	-	-	*	858
PMCC Leasing Corp	-	-	-	-	-	-	-	-	-
Greater Detroit Resource Recovery F (MI)	-	-	-	-	-	-	-	-	-
Polk Power Partners LP	-	-	36,330	-	-	-	-	-	285
Mulberry Cogeneration Facility (FL)	-	-	36,330	-	-	-	-	-	285
Port Townsend Paper Co	-	974	-	233	-	4,038	-	11	-
Port Townsend Paper Corp (WA)	-	974	-	233	-	4,038	-	11	-
Portland City of	-	-	-	2,830	-	-	-	-	-
Portland Hydroelectric Project (OR)	-	-	-	2,830	-	-	-	-	-
Portside Energy Corp	-	-	32,425	-	-	-	-	-	365
Portside Energy (IN)	-	-	32,425	-	-	-	-	-	365
POSDEF Power Co LP	28,897	3,851	-	-	-	-	15	1	-
Port of Stockton District Energy Fa (CA)	28,897	3,851	-	-	-	-	15	1	-
Potlatch Corp	-	-	11,287	-	-	69,042	-	-	401
Potlatch Corp Arkansas Pulp Paper B (AR)	-	-	6,454	-	-	10,146	-	-	275
Potlatch Corp Idaho Pulp Paper Boar (ID)	-	-	4,833	-	-	45,830	-	-	126
Potlatch Corp Minnesota Pulp Paper (MN)	-	-	-	-	-	-	-	-	-
Potlatch Corp Minnesota Wood Produc	-	-	-	-	-	6,033	-	-	-
Potlatch Corp Southern Wood Product (AR)	-	-	-	-	-	7,033	-	-	-
Potomac Power Resources	-	101,334	-	-	-	-	-	230	-
Benning (DC)	-	84,456	-	-	-	-	-	180	-
Buzzard Point (DC)	-	16,878	-	-	-	-	-	50	-
Power City Partners LP	-	-	17,758	-	-	-	-	-	155
Massena Power Plant (NY)	-	-	17,758	-	-	-	-	-	155
Power Development Co Inc	-	-	102,714	-	-	-	-	-	743

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Berkshire Power (MA)	-	-	102,714	-	-	-	-	-	743
PowerSmith Cogeneratrn Proj LP	-	-	75,000	-	-	-	-	-	631
PowerSmith Cogen Project (OK)	-	-	75,000	-	-	-	-	-	631
PP&L Montana LLC	583,202	586	1,189	324,905	-	-	408	1	6
Black Eagle (MT)	-	-	-	10,680	-	-	-	-	-
Cochrane (MT)	-	-	-	19,097	-	-	-	-	-
Colstrip (MT)	527,841	586	936	-	-	-	371	1	4
Corette (MT)	55,361	-	253	-	-	-	36	-	3
Hauser (MT)	-	-	-	8,213	-	-	-	-	-
Holter (MT)	-	-	-	16,707	-	-	-	-	-
Kerr (MT)	-	-	-	126,635	-	-	-	-	-
Madison (MT)	-	-	-	5,099	-	-	-	-	-
Morony (MT)	-	-	-	19,946	-	-	-	-	-
Mystic (MT)	-	-	-	1,876	-	-	-	-	-
Rainbow (MT)	-	-	-	19,358	-	-	-	-	-
Ryan (MT)	-	-	-	33,076	-	-	-	-	-
Thompson Falls (MT)	-	-	-	64,218	-	-	-	-	-
PPG Industries Inc	-	-	268,163	-	-	-	-	-	2,695
Natrium Plant (WV)	-	-	-	-	-	-	-	-	-
Powerhouse A (LA)	-	-	7,240	-	-	-	-	-	110
PPG Powerhouse C (LA)	-	-	205,630	-	-	-	-	-	2,367
PPG Riverside (LA)	-	-	55,293	-	-	-	-	-	217
PPL Corp	1,911,336	286,625	38,847	31,461	1,634,103	-	732	493	802
PPL Brunner Island LLC (PA)	899,924	1,060	-	-	-	-	342	8	-
PPL Hollywood LLC-Wallenpaupak (PA)	-	-	-	24,156	-	-	-	-	-
PPL Holtwood, LLC (PA)	-	-	-	7,305	-	-	-	-	-
PPL Martin Creek LLC -Harwood (PA)	-	362	-	-	-	-	-	1	-
PPL Martin Creek LLC- Williamsport (PA)	-	564	-	-	-	-	-	2	-
PPL Martin Creek LLC-West Shore (PA)	-	805	-	-	-	-	-	2	-
PPL Martins Creek LLC (PA)	116,611	278,675	38,847	-	-	-	58	458	802
PPL Martins Creek LLC- Lock Haven (PA)	-	279	-	-	-	-	-	1	-
PPL Martins Creek LLC-Allentown (PA)	-	1,197	-	-	-	-	-	3	-
PPL Martins Creek LLC-Harrisbury (PA)	-	1,936	-	-	-	-	-	5	-
PPL Martins Creek, LLC - Fishbach (PA)	-	535	-	-	-	-	-	1	-
PPL Martins Creek, LLC - Harwood (PA)	-	406	-	-	-	-	-	1	-
PPL Montour LLC (PA)	894,801	806	-	-	-	-	332	11	-
PPL Susquehanna LLC (PA)	-	-	-	-	1,634,103	-	-	-	-
Premcor Refining Group Inc	-	-	30,986	-	-	-	-	-	1,211
Port Arthur Refinery (TX)	-	-	30,986	-	-	-	-	-	1,211
Primary Childrens Medical Cntr	-	-	-	-	-	-	-	-	-
Primary Childrens Medical Center (UT)	-	-	-	-	-	-	-	-	-
Primary Power International	-	-	-	-	-	12,405	-	-	-
Lyonsdale Power Co LLC (NY)	-	-	-	-	-	12,405	-	-	-
Prime Energy LP	-	-	43,865	-	-	-	-	-	443
Prime Energy LP (NJ)	-	-	43,865	-	-	-	-	-	443
Procter & Gamble Co	-	-	60,664	-	-	-	-	-	838
Mehoopany (PA)	-	-	28,268	-	-	-	-	-	383
Oxnard (CA)	-	-	32,396	-	-	-	-	-	455
Project Orange Associates LP	-	-	24,528	-	-	-	-	-	260
Project Orange Associates LP (NY)	-	-	24,528	-	-	-	-	-	260
PSEG Power LLC	455,674	42,022	996,757	-	2,425,221	-	250	90	12,404
Albany (NY)	-	-	51,744	-	-	-	-	-	632
Bayonne (NJ)	-	295	-	-	-	-	-	1	-
Bergen (NJ)	-	-	445,526	-	-	-	-	-	5,850
Burlington (NJ)	-	8,546	78,582	-	-	-	-	15	1,133
Edison (NJ)	-	-	26,470	-	-	-	-	-	246
Essex (NJ)	-	298	43,797	-	-	-	-	1	585
Hope Creek (NJ)	-	-	-	-	781,291	-	-	-	-
Hudson (NJ)	214,900	714	120,371	-	-	-	90	3	1,398

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Kearny (NJ)	-	15,050	49,880	-	-	-	-	33	505
Linden (NJ)	-	14,571	60,877	-	-	-	-	31	562
Mercer (NJ)	240,774	486	30,618	-	-	-	160	1	307
Salem Unit 1 & 2 (NJ)	-	1,328	-	-	1,643,930	-	-	3	-
Sewaren (NJ)	-	734	88,892	-	-	-	-	3	1,186
Purdue University	11,536	3	2,560	-	-	-	15	*	-
Purdue University (IN)	11,536	3	2,560	-	-	-	15	*	-
Questar Gas Management Co	-	8	363	-	-	-	-	*	4
Blacks Fork Gas Processing Plant (WY)	-	8	363	-	-	-	-	*	4
R J Reynolds Tobacco Co	33,045	-	70	-	-	-	18	-	*
Tobaccoville Utility Plant (NC)	33,045	-	70	-	-	-	18	-	*
Rayonier Inc	-	9,064	2,266	-	-	55,661	-	84	105
Rayonier Fernandina Mill (FL)	-	2,016	-	-	-	18,060	-	31	-
Rayonier Jesup Mill (GA)	-	7,048	2,266	-	-	37,601	-	52	105
Regional Waste Systems	-	-	-	-	-	-	-	-	-
Regional Waste Systems GPRRP (ME)	-	-	-	-	-	-	-	-	-
Reliance Energy Power Gen Inc	-	-	45,071	-	-	-	-	-	758
Sabine Cogeneration (TX)	-	-	45,071	-	-	-	-	-	758
Reliant Energy Coolwater LLC	-	-	1,120,26	-	-	-	-	-	10,941
Coolwater Generating Station (CA)	-	-	292,969	-	-	-	-	-	2,813
Ellwood Generating Station (CA)	-	-	-	-	-	-	-	-	-
Etiwanda Generating Station (CA)	-	-	195,237	-	-	-	-	-	2,119
Mandalay Generating Station (CA)	-	-	186,839	-	-	-	-	-	1,765
Ormond Beach Generating Station (CA)	-	-	445,217	-	-	-	-	-	4,245
Reliant Energy Power Gen Inc	-	-	59,473	-	-	-	-	-	584
Reliant Energy Shelby County (IL)	-	-	59,473	-	-	-	-	-	584
Resource Technology Corp	-	-	-	-	-	11,151	-	-	-
Biodyne Pontiac (IL)	-	-	-	-	-	11,151	-	-	-
Rhodia Inc	-	2	31	-	-	-	-	*	*
Martinez Regen Sulfuric Acid Plant (CA)	-	2	31	-	-	-	-	*	*
Ridge Generating Station LP	-	-	-	-	-	17,100	-	-	-
Ridge Generating Station (FL)	-	-	-	-	-	17,100	-	-	-
Ridgetop Energy LLC	-	-	-	-	-	14,527	-	-	-
Ridgetop Energy LLC (CA)	-	-	-	-	-	14,527	-	-	-
Ridgetop Energy LLC II	-	-	-	-	-	3,271	-	-	-
Ridgetop Energy LLC II (CA)	-	-	-	-	-	3,271	-	-	-
Ridgewood Providence Power PLP	-	-	-	-	-	-	-	-	-
Ridgewood Providence Power Partners (RI)	-	-	-	-	-	-	-	-	-
Rio Bravo Fresno	-	-	1	-	-	17,558	-	-	*
Rio Bravo Fresno (CA)	-	-	1	-	-	17,558	-	-	*
Rio Bravo Poso	13,623	11,872	178	-	-	-	7	5	1
Rio Bravo Poso (CA)	13,623	11,872	178	-	-	-	7	5	1
Rio Bravo Rocklin	-	-	-	-	-	12,480	-	-	-
Rio Bravo Rocklin (CA)	-	-	-	-	-	12,480	-	-	-
Ripon Cogeneration Inc-Ripon	-	-	32,754	-	-	-	-	-	308
Ripon Mill (CA)	-	-	32,754	-	-	-	-	-	308
Riverside Canal Power Co Inc	-	-	-	-	-	-	-	-	-
Riverside Canal Power Co (CA)	-	-	-	-	-	-	-	-	-
Riverwood International Corp	-	-	7,786	-	-	22,954	-	-	428
Plant 31 Paper Mill (LA)	-	-	7,786	-	-	22,954	-	-	428

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Riverwood Internatl USA Inc.....	1,401	1,589	1,256	-	-	19,335	3	11	48
Riverwood International USA Inc (GA).....	1,401	1,589	1,256	-	-	19,335	3	11	48
Roche Vitamins.....	-	-	28,755	-	-	-	-	-	300
Roche Vitamins Inc (NJ).....	-	-	28,755	-	-	-	-	-	300
Rocky Road Power LLC.....	-	-	31,135	-	-	-	-	-	377
Rocky Road Power LLC (IL).....	-	-	31,135	-	-	-	-	-	377
Rolls Royce Corp.....	-	-	343	-	-	-	-	-	10
Rolls Royce Corp (IN).....	-	-	343	-	-	-	-	-	10
Roseburg Forest Products Co.....	-	-	136,142	-	-	27,681	-	-	864
Dillard Complex (OR).....	-	-	136,142	-	-	27,681	-	-	864
Rumford Power Associates LP.....	-	-	162,440	-	-	-	-	-	1,178
Rumford Power Associates (MA).....	-	-	162,440	-	-	-	-	-	1,178
Ryegate Associates.....	-	-	-	-	-	15,267	-	-	-
Ryegate Power Station (VT).....	-	-	-	-	-	15,267	-	-	-
S D Warren Co.....	22,343	801	4,022	70	-	22,687	18	2	65
S D Warren Co 1 Muskegon (MI).....	14,662	-	4,022	-	-	1,366	12	-	65
S D Warren Co 2 (ME).....	7,681	801	-	70	-	21,321	5	2	-
S&L Cogeneration Co.....	-	-	24,884	-	-	-	-	-	380
S&L Cogeneration (TX).....	-	-	24,884	-	-	-	-	-	380
Saguaro Power Co.....	-	-	68,633	-	-	-	-	-	629
Saguaro Power Co (NV).....	-	-	68,633	-	-	-	-	-	629
Salton Sea 4/Fish Lake Pwr Gen.....	-	-	-	-	-	31,951	-	-	-
Salton Sea Unit 4 (CA).....	-	-	-	-	-	31,951	-	-	-
Salton Sea Power Generatn LP 1.....	-	-	-	-	-	7,059	-	-	-
Salton Sea Unit 1 (CA).....	-	-	-	-	-	7,059	-	-	-
Salton Sea Power Generatn LP 2.....	-	-	-	-	-	4,585	-	-	-
Salton Sea Unit 2 (CA).....	-	-	-	-	-	4,585	-	-	-
Salton Sea Power Generatn LP 3.....	-	-	-	-	-	35,612	-	-	-
Salton Sea Unit 3 (CA).....	-	-	-	-	-	35,612	-	-	-
San Diego City of.....	-	-	-	-	-	3,082	-	-	-
Gas Utilization Facility (CA).....	-	-	-	-	-	3,082	-	-	-
San Geronio Wind Farms Inc.....	-	-	-	-	-	10,897	-	-	-
San Geronio Farms Wind Energy Powe	-	-	-	-	-	10,897	-	-	-
San Joaquin Cogen Ltd.....	-	-	12,894	-	-	-	-	-	105
San Joaquin Cogen (CA).....	-	-	12,894	-	-	-	-	-	105
Santa Fe Snyder Oil Corp.....	-	-	2,587	-	-	-	-	-	33
Beaver Creek Gas Plant (WY).....	-	-	2,587	-	-	-	-	-	33
SAPPI.....	-	16,367	-	-	-	62,907	-	68	-
Somerset Plant (ME).....	-	16,367	-	-	-	62,907	-	68	-
Saranac Power Partners LP.....	-	-	171,002	-	-	-	-	-	1,488
Saranac Facility (NY).....	-	-	171,002	-	-	-	-	-	1,488
Schuylkill Energy Resource Inc.....	69,512	-	-	-	-	-	105	-	-
St Nicholas Cogeneration Project (PA).....	69,512	-	-	-	-	-	105	-	-
Scott Wood Inc.....	-	-	-	-	-	95	-	-	-
Scott Wood Inc 2 (VA).....	-	-	-	-	-	95	-	-	-
Scrubgrass Generating Co LP.....	60,478	-	-	-	-	-	58	-	-
Scrubgrass Generating Company LP (PA).....	60,478	-	-	-	-	-	58	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
SDS Lumber Co	-	-	-	-	-	-	-	-	-
Gorge Energy Div SDS Lumber Co (WA)	-	-	-	-	-	-	-	-	-
Seawest Windpower Inc	-	-	-	-	-	6,451	-	-	-
Altech III (CA)	-	-	-	-	-	6,451	-	-	-
Second Imperial Geothermal Co	-	-	-	-	-	26,430	-	-	-
Second Imperial Geothermal Co SIGC (CA).....	-	-	-	-	-	26,430	-	-	-
SEI Wisconsin LLC	-	-	61,180	-	-	-	-	-	693
SEI Wisconsin Neenah Plant (IN).....	-	-	61,180	-	-	-	-	-	693
Selkirk Cogen Partners LP	-	-	247,384	-	-	-	-	-	2,176
Selkirk Cogen Partners LP (NY).....	-	-	247,384	-	-	-	-	-	2,176
SEMASS Partnership	-	-	-	-	-	-	-	-	-
SEMASS Resource Recovery Facility (MA).....	-	-	-	-	-	-	-	-	-
Seneca Energy	-	-	-	-	-	-	-	-	-
Seneca Energy (NY).....	-	-	-	-	-	-	-	-	-
Seneca Power Partners LP	-	12	15,793	-	-	-	-	*	135
Seneca Power Partners LP (NY).....	-	12	15,793	-	-	-	-	*	135
SERRF Joint Powers Authority	-	-	-	-	-	-	-	-	-
Southeast Resource Recovery (CA).....	-	-	-	-	-	-	-	-	-
SF Phosphates Ltd Co	-	-	-	-	-	-	-	-	-
SF Phosphates Ltd Co (WY).....	-	-	-	-	-	-	-	-	-
Shawmut Bank	-	-	-	-	-	-	-	-	-
American Ref Fuel Co of Delaware Va (PA).....	-	-	-	-	-	-	-	-	-
Shell Oil Co-Deer Park	-	-	148,724	-	-	-	-	-	3,510
Shell Deer Park (TX).....	-	-	148,724	-	-	-	-	-	3,510
Sierra Pacific Industries Inc	-	-	-	-	-	49,544	-	-	-
Burney Facility (CA).....	-	-	-	-	-	11,838	-	-	-
Loyalton Facility (CA).....	-	-	-	-	-	7,893	-	-	-
Quincy Facility (CA).....	-	-	-	-	-	19,903	-	-	-
Susanville Facility (CA).....	-	-	-	-	-	9,910	-	-	-
Simplex Leasing Corp	-	-	-	-	-	-	-	-	-
Don Plant (ID).....	-	-	-	-	-	-	-	-	-
Simpson Paper Co	-	-	-	1,516	-	-	-	-	-
Gilman Mill (VT).....	-	-	-	1,516	-	-	-	-	-
Sinclair Oil Corp	-	-	855	-	-	-	-	-	7
Sinclair Oil Refinery (WY).....	-	-	855	-	-	-	-	-	7
Sithe New England Holdings LLC	-	-	-	-	-	-	-	-	-
Sithe Edgar LLC (MA).....	-	-	-	-	-	-	-	-	-
Sithe Framingham LLC (MA).....	-	-	-	-	-	-	-	-	-
Sithe Medway LLC (MA).....	-	-	-	-	-	-	-	-	-
Sithe Mystic LLC (MA).....	-	-	-	-	-	-	-	-	-
Sithe New Boston LLC (MA).....	-	-	-	-	-	-	-	-	-
Sithe New Jersey Holdings LLC	3,070,808	35,398	140,118	2,939	-	-	1,233	82	1,614
Blossburg (PA).....	-	-	-	-	-	-	-	-	-
Conemaugh (PA).....	1,190,351	49	5,841	-	-	-	445	*	8
Deep Creek (MD).....	-	-	-	1,332	-	-	-	-	-
Gilbert (NJ).....	-	5,625	67,312	-	-	-	-	13	681
Glenn Gardner (NJ).....	-	2,394	5,200	-	-	-	-	7	84
Hamilton (PA).....	-	912	-	-	-	-	-	3	-
Hunterstown (PA).....	-	-	5,371	-	-	-	-	-	85
Keystone (PA).....	1,131,764	3,181	-	-	-	-	458	5	-
Mountain (PA).....	-	112	2,540	-	-	-	-	*	39
Ortanna (PA).....	-	556	-	-	-	-	-	1	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Piney (PA)	-	-	-	1,607	-	-	-	-	-
Portland (PA)	197,400	13,211	1,989	-	-	-	79	28	24
Sayreville (NJ)	-	60	48,786	-	-	-	-	*	648
Seward (PA)	94,200	660	-	-	-	-	45	1	-
Shawnee (PA)	-	-	-	-	-	-	-	-	-
Shawville (PA)	305,988	540	-	-	-	-	134	1	-
Titus (PA)	119,412	246	557	-	-	-	52	1	10
Tolna (PA)	-	2,089	-	-	-	-	-	6	-
Warren (PA)	31,693	26	2,522	-	-	-	19	*	36
Wayne (PA)	-	602	-	-	-	-	-	2	-
Werner (NJ)	-	5,135	-	-	-	-	-	15	-
Sithe/Independence Pwr Part LP	-	-	248,845	-	-	-	-	-	1,871
Sithe Independence Station (NY)	-	-	248,845	-	-	-	-	-	1,871
Sky River Partnership	-	-	-	-	-	-	-	-	-
Sky River Partnership (CA)	-	-	-	-	-	-	-	-	-
Sloss Industries Inc	-	-	-	-	-	-	-	-	-
Sloss Industries Corp (AL)	-	-	-	-	-	-	-	-	-
Smith Falls Hydropower	-	-	-	-	-	-	-	-	-
Smith Falls Hydroelectric Project (ID)	-	-	-	-	-	-	-	-	-
Soda Lake Ltd Partnership	-	-	-	-	-	4,907	-	-	-
Soda Lake Geothermal No I II (NV)	-	-	-	-	-	4,907	-	-	-
Solid Waste Auth of Palm Beach	-	-	-	-	-	-	-	-	-
North County Regional Resource Reco (FL)	-	-	-	-	-	-	-	-	-
South Eastern Elec Devel Corp	-	-	1,036	-	-	-	-	-	14
So Eastern Electric Development Cor (AL)	-	-	1,036	-	-	-	-	-	14
Southeast Missouri State Univ	-	-	-	-	-	-	-	-	-
Southeast Missouri State University (MO)	-	-	-	-	-	-	-	-	-
Southeast Paper Mfg Co Inc	8,895	1	16,941	-	-	14,653	6	*	224
SP Newsprint Co (GA)	8,895	1	16,941	-	-	14,653	6	*	224
Southern Calif Sunbelt Devel	-	-	-	-	-	1,563	-	-	-
Edom Hill (CA)	-	-	-	-	-	1,563	-	-	-
Southern Energy Co	-	306	613,181	-	-	-	-	1	6,679
Contra Costa Power (CA)	-	-	167,278	-	-	-	-	-	1,717
Pittsburg Power (CA)	-	-	403,298	-	-	-	-	-	4,485
Potrero Power (CA)	-	306	42,605	-	-	-	-	1	477
Southern Energy New York	167,539	68,694	224,511	12,430	-	-	74	117	2,425
Bowline Point (NY)	-	68,675	198,175	-	-	-	-	117	2,113
Grahamsville (NY)	-	-	-	10,903	-	-	-	-	-
Hillburn (NY)	-	19	408	-	-	-	-	*	8
Lovett (NY)	167,539	-	24,928	-	-	-	74	-	280
Mongaup (NY)	-	-	-	500	-	-	-	-	-
Rio (NY)	-	-	-	559	-	-	-	-	-
Shoemaker (NY)	-	-	1,000	-	-	-	-	-	24
Swinging Bridge 2 (NY)	-	-	-	349	-	-	-	-	-
Swinging Bridge 1 (NY)	-	-	-	119	-	-	-	-	-
Southern Energy Wichita Falls	-	-	11,273	-	-	-	-	-	103
Southern Energy Wichita Falls LP (TX)	-	-	11,273	-	-	-	-	-	103
Spokane City of	-	-	-	-	-	-	-	-	-
Wheelabrator Spokane Inc (WA)	-	-	-	-	-	-	-	-	-
Springfield Water & Sewer Comm	95,423	37	-	-	-	-	39	*	-
Mt Tom (MA)	95,423	37	-	-	-	-	39	*	-
St Laurent Paper Products Co	12,853	4,266	-	-	-	40,165	10	22	-
St Laurent Paper Products Corp (VA)	12,853	4,266	-	-	-	40,165	10	22	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Star Enterprises	-	25,504	22,775	-	-	-	-	76	629
Delaware City Plant (DE).....	-	25,504	22,775	-	-	-	-	76	629
Star Group IE Geothermal Partn	-	-	-	-	-	5,262	-	-	-
Ormesa I E Facility (CA).....	-	-	-	-	-	5,262	-	-	-
Star Group Stillwater I	-	-	-	-	-	2,496	-	-	-
Stillwater Facility (NV).....	-	-	-	-	-	2,496	-	-	-
State Farm Mutual Auto Ins Co	-	16	-	-	-	-	-	*	-
State Farm Ins Co ISC Central (TX).....	-	-	-	-	-	-	-	*	-
State Farm Insurance Co ISC East (GA).....	-	16	-	-	-	-	-	*	-
State Line Energy LLC	287,599	-	-	-	-	-	154	-	-
State Line Energy LLC (IN).....	287,599	-	-	-	-	-	154	-	-
State of Wisconsin	377	-	523	-	-	11	1	-	37
Capitol Heat and Power Plant (WI).....	183	-	523	-	-	-	1	-	37
Waupun Correctional Inst Central Ge (WI).....	194	-	-	-	-	11	1	-	-
State Street Bank & Trust Co	-	-	898,771	-	-	-	-	-	7,719
Midland Cogeneration Venture (MI).....	-	-	898,771	-	-	-	-	-	7,719
Steamboat Development Corp	-	-	-	-	-	16,034	-	-	-
Steamboat II (NV).....	-	-	-	-	-	8,056	-	-	-
Steamboat III (NV).....	-	-	-	-	-	7,978	-	-	-
Stockton Cogen Co	14,946	18,493	-	-	-	-	9	8	-
Stockton CoGen Co (CA).....	14,946	18,493	-	-	-	-	9	8	-
Stone Container Corp	3,927	65	15,293	-	-	65,561	6	*	601
Hodge Louisiana (LA).....	-	-	13,526	-	-	27,273	-	-	458
Stone Container Corp Coshocton Mill (OH).....	-	-	999	-	-	7,347	-	-	34
Stone Container Corp Florence Mill (SC).....	-	-	-	-	-	-	-	-	-
Stone Container Corp Hopewell Mill (VA).....	3,927	65	-	-	-	-	6	*	-
Stone Container Corp Missoula Mill (MT).....	-	-	768	-	-	5,014	-	-	109
Stone Container Corp Panama City Mi (FL).....	-	-	-	-	-	-	-	-	-
Storm Lake Power PartnerII LLC	-	-	-	-	-	12,774	-	-	-
Storm Lake II (IA).....	-	-	-	-	-	12,774	-	-	-
Sumas Cogeneration Co LP	-	-	55,072	-	-	-	-	-	438
Sumas Cogeneration Co LP (WA).....	-	-	55,072	-	-	-	-	-	438
Sumpter Energy Associates	-	-	-	-	-	-	-	-	-
Sumpter Energy Associates (MI).....	-	-	-	-	-	-	-	-	-
Sunbury Generation LLC	188,280	750	-	-	-	-	139	2	-
Sunbury Generation LLC (PA).....	188,280	750	-	-	-	-	139	2	-
Sunnyside Cogeneration Assoc	32,560	-	-	-	-	-	39	-	-
Sunnyside Cogeneration Associates (UT).....	32,560	-	-	-	-	-	39	-	-
Sunray Energy Inc	-	-	-	-	-	1,964	-	-	-
SEGS I (CA).....	-	-	-	-	-	1,964	-	-	-
Sweeny Cogeneration LP	-	-	217,840	-	-	-	-	-	2,514
Sweeny Cogeneration Facility (TX).....	-	-	217,840	-	-	-	-	-	2,514
Sycamore Cogeneration Co	-	-	224,865	-	-	-	-	-	2,684
Sycamore Cogeneration Co (CA).....	-	-	224,865	-	-	-	-	-	2,684
Tampa City of	-	-	-	-	-	-	-	-	-
McKay Bay Facility (FL).....	-	-	-	-	-	-	-	-	-
Tampa Dept of Sanitary Sewers	-	-	-	-	-	1,080	-	-	-
City of Tampa Howard F Curren AWT P.....	-	-	-	-	-	1,080	-	-	-
Tapoco Inc	-	-	-	80,727	-	-	-	-	-
Calderwood (TN).....	-	-	-	33,087	-	-	-	-	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Cheoah (NC).....	-	-	-	29,224	-	-	-	-	-
Chilhowee (TN).....	-	-	-	9,445	-	-	-	-	-
Santeetlah (NC).....	-	-	-	8,971	-	-	-	-	-
Temple-Inland Forest Prod Corp	-	-	-	-	-	44,452	-	-	-
Temple Inland Forest Prod Corp Blea (TX).....	-	-	-	-	-	44,452	-	-	-
Tenaska Frontier Partners Ltd	-	-	494,321	-	-	-	-	-	3,471
Tenaska Frontier Generation Station (TX).....	-	-	494,321	-	-	-	-	-	3,471
Tenaska III Inc	-	11	146,778	-	-	-	-	*	1,212
Tenaska III Texas Partners (TX).....	-	11	146,778	-	-	-	-	*	1,212
Tenaska IV Texas Partners Ltd	-	1	136,903	-	-	-	-	*	1,065
Tenaska IV Texas Partners Ltd Clebu (TX).....	-	1	136,903	-	-	-	-	*	1,065
Tenaska Washington Inc	-	-	-	-	-	-	-	*	-
Tenaska Washington Partners LP (WA).....	-	-	-	-	-	-	-	*	-
Tenneco Packaging	2,790	333	331	1,495	-	16,939	17	8	52
Packaging Corp of America Tomahawk.....	1,860	-	3	1,495	-	7,229	9	-	*
Packaging Corp of America (TN).....	930	333	328	-	-	9,710	7	8	52
Tennessee Eastman Co	108,100	-	895	-	-	-	140	-	43
Tenn Eastman Div a Div of Eastman C (TN).....	108,100	-	895	-	-	-	140	-	43
TES Filer City Station LP	4,777	-	-	-	-	157	1	-	-
TES Filer City Station (MI).....	4,777	-	-	-	-	157	1	-	-
Thermal Energy Dev Partner LP	-	-	-	-	-	12,259	-	-	-
Tracy Biomass Plant (CA).....	-	-	-	-	-	12,259	-	-	-
Thermo Cogeneration Partner LP	-	-	107,930	-	-	-	-	-	965
TCP 122 (CO).....	-	-	46,027	-	-	-	-	-	411
TCP 150 (CO).....	-	-	61,903	-	-	-	-	-	553
Thermo Power & Electric Inc	-	-	51,156	-	-	-	-	-	438
Thermo Power Electric Inc (CO).....	-	-	51,156	-	-	-	-	-	438
Thomson Corp	-	147	-	-	-	-	-	*	-
West Group Generator Building (MN).....	-	147	-	-	-	-	-	*	-
TIFD VIII-W Inc	78,806	-	-	-	-	-	61	-	-
Colver Power Project (PA).....	78,806	-	-	-	-	-	61	-	-
Timber Energy Resources Inc	-	-	-	-	-	8,417	-	-	-
Timber Energy Resources Inc (FL).....	-	-	-	-	-	8,417	-	-	-
Tiverton Power Associates LP	-	-	153,956	-	-	-	-	-	1,060
Tiverton Power Associates LP (RI).....	-	-	153,956	-	-	-	-	-	1,060
Tomen Power Corp	-	-	-	-	-	8,100	-	-	-
Viking Windfarm II (CA).....	-	-	-	-	-	8,100	-	-	-
Tosco Corp-Wilmington	-	-	34,000	-	-	-	-	-	314
Los Angeles Refinery Wilmington Pla (CA).....	-	-	34,000	-	-	-	-	-	314
TPC 3/5 Inc	-	-	-	-	-	11,391	-	-	-
Mojave 3 (CA).....	-	-	-	-	-	7,393	-	-	-
Mojave 5 (CA).....	-	-	-	-	-	3,998	-	-	-
TPC 4 Inc	-	-	-	-	-	8,573	-	-	-
Mojave 4 (CA).....	-	-	-	-	-	8,573	-	-	-
Transalta Centralia Mining LLC	451,336	3,101	-	-	-	-	319	6	-
Transalta Centralia Generation LLC (WA).....	451,336	3,101	-	-	-	-	319	6	-
Trigen-Cinergy Sol-Tuscola LLC	7,758	-	-	-	-	-	16	-	-
Tuscola Station (IL).....	7,758	-	-	-	-	-	16	-	-

See footnotes at end of table.

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

Company (Holding Company) Facility (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
Trigen-Nassau Energy Corp.	-	-	41,022	-	-	-	-	-	406
Trigen Nassau Energy Corp (NY).....	-	-	41,022	-	-	-	-	-	406
Trigen-Philadelphia Engy Corp.	-	-	-	-	-	-	-	-	-
Schuylkill Station Turbine Generato (PA).....	-	-	-	-	-	-	-	-	-
Tropicana Products Inc.	-	-	22,280	-	-	-	-	-	218
Tropicana Products Inc Bradenton Co (FL).....	-	-	22,280	-	-	-	-	-	218
TXU Generation Co, LLC	3,760,937	5,202	2,072,46	-	1,627,411	-	3,076	11	21,136
Big Brown (TX).....	802,564	-	-	-	-	-	608	-	-
Collin (TX).....	-	-	16,871	-	-	-	-	-	198
Comanche Peak (TX).....	-	-	-	-	1,627,411	-	-	-	-
De Cordova (TX).....	-	2	188,104	-	-	-	-	*	1,486
Eagle Mountain (TX).....	-	-	142,222	-	-	-	-	-	1,904
Encogen One (TX).....	-	-	115,789	-	-	-	-	-	1,049
Graham (TX).....	-	-	76,671	-	-	-	-	-	784
Lake Creek (TX).....	-	-	20,657	-	-	-	-	-	238
Lake Hubbard (TX).....	-	-	232,318	-	-	-	-	-	2,487
Martin Lake (TX).....	1,342,071	4,099	-	-	-	-	1,178	8	-
Monticello (TX).....	1,206,731	1,091	-	-	-	-	939	2	-
Morgan Creek (TX).....	-	-	84,771	-	-	-	-	-	962
North Lake (TX).....	-	-	196,682	-	-	-	-	-	2,209
North Main (TX).....	-	-	17,069	-	-	-	-	-	171
Parkdale (TX).....	-	-	57,579	-	-	-	-	-	802
Permian Basin (TX).....	-	-	225,470	-	-	-	-	-	2,379
River Crest (TX).....	-	-	-78	-	-	-	-	-	4
Sandow (TX).....	409,571	-	-	-	-	-	351	-	-
Stryker Creek (TX).....	-	10	149,097	-	-	-	-	*	811
Tradinghouse Creek (TX).....	-	-	421,057	-	-	-	-	-	4,379
Trinidad (TX).....	-	-	16,350	-	-	-	-	-	178
Valley (TX).....	-	-	111,831	-	-	-	-	-	1,096
U S Agri Chemicals Corp.	-	-	-	-	-	-	-	-	-
U S Agri Chemicals Corp Fort Meade (FL).....	-	-	-	-	-	-	-	-	-
U S Alliance Corp	15,064	-	-	-	-	14,395	20	-	-
U S Alliance Coosa Pines (AL).....	15,064	-	-	-	-	14,395	20	-	-
U S Borax Inc	-	-	30,287	-	-	-	-	-	408
U S Borax Inc (CA).....	-	-	30,287	-	-	-	-	-	408
U S Gen New England Inc	895,426	93,031	210,492	69,427	-	-	347	180	1,617
Bear Swamp (MA).....	-	-	-	-10,345	-	-	-	-	-
Bellows FLS (VT).....	-	-	-	14,640	-	-	-	-	-
Brayton Pt (MA).....	713,350	19,363	8,329	-	-	-	269	50	83
Comerford (NH).....	-	-	-	15,682	-	-	-	-	-
Deerfield 2 (MA).....	-	-	-	1,045	-	-	-	-	-
Deerfield 3 (MA).....	-	-	-	1,184	-	-	-	-	-
Deerfield 4 (MA).....	-	-	-	1,041	-	-	-	-	-
Deerfield 5 (MA).....	-	-	-	2,399	-	-	-	-	-
Fife Brook (MA).....	-	-	-	2,399	-	-	-	-	-
Harriman (VT).....	-	-	-	5,462	-	-	-	-	-
Manchester St (RI).....	-	-	202,163	-	-	-	-	-	1,533
Mcindoes (NH).....	-	-	-	3,506	-	-	-	-	-
S C Moore (NH).....	-	-	-	13,019	-	-	-	-	-
Salem Harbor (MA).....	182,076	73,668	-	-	-	-	78	130	-
Searsburg (VT).....	-	-	-	331	-	-	-	-	-
Sherman (MA).....	-	-	-	1,553	-	-	-	-	-
Vernon (VT).....	-	-	-	7,902	-	-	-	-	-
Wilder (VT).....	-	-	-	9,609	-	-	-	-	-
U S Navy-Public Works Center	-	-	-	-	-	-	-	-	-
SPSA Power Plant (VA).....	-	-	-	-	-	-	-	-	-
U S Trust Co of California	36,833	-	284	-	-	-	55	-	8
Argus Cogen Plant (CA).....	36,833	-	284	-	-	-	55	-	8
Union Camp Corp	56,156	18,270	35,714	-	-	95,483	53	47	474
Eastover Facility (SC).....	4,507	3,526	-	-	-	38,839	10	19	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
International Paper Co (AL).....	7,705	10,803	7,998	-	-	20,424	6	19	128
International Paper Co Savannah (GA).....	22,569	-	-	-	-	36,220	21	-	-
Printing & Communication Papers Fra (VA).....	21,375	3,941	27,716	-	-	-	16	9	346
Union Carbide Corp-Seadrift.....	-	-	99,654	-	-	-	-	-	911
Seadrift Plant Union Carbide Corp (TX).....	-	-	99,654	-	-	-	-	-	911
Union Carbide Corp-Taft.....	-	-	159,812	-	-	-	-	-	1,854
Taft Plant Union Carbide Corp (LA).....	-	-	159,812	-	-	-	-	-	1,854
Union Carbide Corp-Texas City.....	-	-	39,565	-	-	-	-	-	303
Texas City Plant Union Carbide Corp (TX).....	-	-	39,565	-	-	-	-	-	303
Union County Utilities Auth.....	-	-	-	-	-	-	-	-	-
Union County Resource Recovery Faci (NJ).....	-	-	-	-	-	-	-	-	-
Union Electric Develop Corp.....	-	-	52,659	-	-	-	-	-	579
Gibson City (IL).....	-	-	6,358	-	-	-	-	-	75
Pinckneyville (IL).....	-	-	46,301	-	-	-	-	-	504
Union Oil Co of California.....	-	-	23,848	-	-	-	-	-	318
Tosco Refining Co (CA).....	-	-	23,848	-	-	-	-	-	318
Union Pacific Resources Co.....	-	-	-	-	-	-	-	-	-
East Texas Gas Plant (TX).....	-	-	-	-	-	-	-	-	-
United Development Grp-Niagara.....	-	-	-	-	-	-	-	-	-
CH Resources Niagara (NY).....	-	-	-	-	-	-	-	-	-
United States Sugar Corp.....	-	-	-	-	-	4,396	-	-	-
Bryant Sugar House (FL).....	-	-	-	-	-	-	-	-	-
Clewiston Sugar House (FL).....	-	-	-	-	-	4,396	-	-	-
University of California-LA.....	-	-	22,522	-	-	-	-	-	284
UCLA South Campus Central Chiller C	-	-	22,522	-	-	-	-	-	284
University of Iowa.....	6,620	26	1,474	-	-	-	10	*	44
University of Iowa Main Power Plant (IA).....	6,620	26	1,474	-	-	-	10	*	44
University of Michigan.....	-	-	17,102	-	-	-	-	-	382
University of Michigan (MI).....	-	-	17,102	-	-	-	-	-	382
University of Missouri.....	17,510	-	655	-	-	654	12	-	9
University of Missouri Columbia Pow (MO).....	17,510	-	655	-	-	654	12	-	9
University of North Carolina.....	11,724	49	138	-	-	-	11	*	3
UNC Chapel Hill Cogeneration Facil (NC).....	11,724	49	138	-	-	-	11	*	3
University of Oregon.....	-	-	-	-	-	-	-	-	34
University of Oregon Central Power (OR).....	-	-	-	-	-	-	-	-	34
University of Texas at Austin.....	-	-	29,553	-	-	-	-	-	348
University of Texas at Austin (TX).....	-	-	29,553	-	-	-	-	-	348
USX Corp.....	-	1,004	87,661	-	-	-	-	1	7,290
Gary Works (IN).....	-	1,004	87,661	-	-	-	-	1	7,290
USX Corp-Fairfield Works.....	-	-	25,399	-	-	-	-	-	177
Fairfield Works (AL).....	-	-	25,399	-	-	-	-	-	177
USX Corp-Mon Valley.....	-	-	37,050	-	-	-	-	-	5,637
Mon Valley Works (PA).....	-	-	37,050	-	-	-	-	-	5,637
Valero Refining Co-Houston.....	-	-	-	-	-	-	-	-	-
Valero Refinery (TX).....	-	-	-	-	-	-	-	-	-
Vermillion Generating Stat LLC.....	-	-	43,267	-	-	-	-	-	607
Vermillion Generating Station (IN).....	-	-	43,267	-	-	-	-	-	607
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, July 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)	-	-	-	-	-	-	-	-	-
Viking Energy Corp	-	-	171	-	-	36,488	-	-	3
Viking Energy of Lincoln (MI)	-	-	-	-	-	12,510	-	-	-
Viking Energy of McBain (MI)	-	-	-	-	-	12,053	-	-	-
Viking Energy of Northumberland (PA)	-	-	171	-	-	11,925	-	-	3
Vineland Cogeneration LP	-	-	14,135	-	-	-	-	-	118
Vineland Cogeneration Plant (NJ)	-	-	14,135	-	-	-	-	-	118
Vintage Petroleum Inc.	-	-	-	-	-	475	-	-	-
Flomaton Treating Facility (AL)	-	-	-	-	-	475	-	-	-
VMSO IV Corp	-	-	-	-	-	-	-	-	-
Cabazon Wind Farm (CA)	-	-	-	-	-	-	-	-	-
Vulcan Materials Co.	-	-	56,097	-	-	-	-	-	744
Geismar Plant (LA)	-	-	56,097	-	-	-	-	-	744
Vulcan/BN Geothermal Power Co.	-	-	-	-	-	28,152	-	-	-
Vulcan (CA)	-	-	-	-	-	28,152	-	-	-
Wadham Energy Ltd Partners	-	-	67	-	-	14,927	-	-	1
Wadham Energy LP (CA)	-	-	67	-	-	14,927	-	-	1
Washington State University	413	-	690	-	-	-	1	-	35
Washington State University (WA)	413	-	690	-	-	-	1	-	35
Weirton Steel Corp	-	124	13,716	-	-	-	-	1	7,881
Weirton Steel Corp (WV)	-	124	13,716	-	-	-	-	1	7,881
Wellesley College	-	-	3,256	-	-	-	-	-	34
Wellesley College Utility Plant (MA)	-	-	3,256	-	-	-	-	-	34
West Georgia Generating Co LP	-	-	109,606	-	-	-	-	-	1,158
West Georgia Generating Co (TX)	-	-	109,606	-	-	-	-	-	1,158
West Texas Wind Energy Partner	-	-	-	-	-	18,932	-	-	-
West Texas Wind Energy LLC (TX)	-	-	-	-	-	18,932	-	-	-
Westchester County IDA	-	-	-	-	-	-	-	-	-
Westchester Resco (NY)	-	-	-	-	-	-	-	-	-
Westmoreland-LG&E Partners	161,933	-	-	-	-	-	61	-	-
Westmoreland LG&E Partners Roanoke	125,806	-	-	-	-	-	46	-	-
	26,127	-	-	-	-	-	15	-	-
Westvaco Corp	-	-	-	-	-	-	-	-	-
Covington Facility (VA)	-	-	-	-	-	-	-	-	-
Luke Mill (MD)	-	-	-	-	-	-	-	-	-
Westward Seafoods Inc	-	2,128	-	-	-	-	-	3	-
Westward Seafoods Inc (AK)	-	2,128	-	-	-	-	-	3	-
Westwind Trust	-	-	-	-	-	3,042	-	-	-
Westwind Trust (CA)	-	-	-	-	-	3,042	-	-	-
Westwood Energy Properties	21,082	115	-	-	-	-	37	*	-
Westwood Generating Station (PA)	21,082	115	-	-	-	-	37	*	-
Weyerhaeuser Co.	1,790	8,760	18,393	-	-	169,750	5	54	949
Columbus MS (MS)	-	32	735	-	-	63,188	-	*	16
Cosmopolis WA (WA)	-	1,697	-	-	-	10,768	-	8	-
Flint River Operations (GA)	-	218	-	-	-	28,797	-	1	-
Longview WA (WA)	1,790	-	4,258	-	-	14,333	5	-	221
New Bern NC (NC)	-	3,245	-	-	-	16,967	-	19	-
Springfield Oregon (OR)	-	-	3,102	-	-	12,137	-	-	251
Valliant OK (OK)	-	3,568	10,298	-	-	23,560	-	26	461
Weyhaeuser Co-Plymouth	105	868	-	-	-	4,528	1	16	-

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Plymouth NC (NC).....	105	868	-	-	-	4,528	1	16	-
Wheelabrator Environmental Sys.....	31,293	41	43,956	-	-	52,470	42	*	408
Baltimore Refuse Energy Systems Co (MD)	-	-	-	-	-	-	-	-	-
Bridgeport Resco (CT)	-	-	-	-	-	-	-	-	-
Concord Facility (NH).....	-	-	-	-	-	-	-	-	-
Hudson (CA).....	-	-	373	-	-	3,752	-	-	7
Massachusetts Refusetech Inc (MA).....	-	-	-	-	-	-	-	-	-
Millbury Facility (MA).....	-	-	-	-	-	-	-	-	-
Norwalk (CA).....	-	-	12,791	-	-	-	-	-	110
Saugus Resco (MA).....	-	-	-	-	-	-	-	-	-
Sherman Energy Facility (ME)	-	-	-	-	-	11,734	-	-	-
Wheelabrator Claremont (NH).....	-	-	-	-	-	-	-	-	-
Wheelabrator Gloucester Co LP (NJ).....	-	-	-	-	-	-	-	-	-
Wheelabrator Lassen Inc (CA).....	-	-	30,792	-	-	-	-	-	291
Wheelabrator North Broward (FL).....	-	-	-	-	-	-	-	-	-
Wheelabrator Shasta (CA).....	-	-	-	-	-	36,984	-	-	-
Wheelabrator South Broward (FL).....	-	-	-	-	-	-	-	-	-
Wheeler Frackville Energy Co Inc (PA).....	31,293	41	-	-	-	-	42	*	-
Wheelabrator Falls Inc	-	-	-	-	-	-	-	-	-
Wheelabrator Falls Inc (PA).....	-	-	-	-	-	-	-	-	-
Wheelabrator Martell Inc.....	-	-	-	-	-	-	-	-	-
Wheelabrator Martell Inc (CA).....	-	-	-	-	-	-	-	-	-
White Springs Agr Chemical Inc.....	-	864	-	-	-	-	-	1	-
Suwannee River Chem Complex (FL).....	-	-	-	-	-	-	-	-	-
Swift Creek Chemical Complex (FL).....	-	864	-	-	-	-	-	1	-
Whitefield Power & Light Co.....	-	-	-	-	-	10,806	-	-	-
Whitefield Power & Light Co (NH).....	-	-	-	-	-	10,806	-	-	-
Willamette Industries Inc	-	-	-	-	-	-	-	-	-
Willamette Industries Kingsport Mil (TN).....	-	-	-	-	-	-	-	-	-
Willamina Lumber Co	-	-	-	-	-	-	-	-	-
Tillamook Lumber Co (OR).....	-	-	-	-	-	-	-	-	-
Willamette Industries Inc	8,083	69	30,949	-	-	25,377	11	*	412
Albany Paper Mill (OR).....	-	-	30,272	-	-	8,933	-	-	394
Johnsonburg Mill (PA).....	8,083	69	677	-	-	16,444	11	*	19
Williams Field Services Co	-	-	43,092	-	-	-	-	-	590
Milagro Cogeneration Plant (NM).....	-	-	43,092	-	-	-	-	-	590
Windland Inc.....	-	-	-	-	-	2,150	-	-	-
Windland Inc (CA).....	-	-	-	-	-	2,150	-	-	-
Windpower Partners 1989 LP.....	-	-	-	-	-	17,804	-	-	-
Montezuma Hills Windplant (CA).....	-	-	-	-	-	17,804	-	-	-
Windpower Partners 1993 LP.....	-	-	-	-	-	20,125	-	-	-
Buffalo Ridge Windplant WPP 1993 (MN).....	-	-	-	-	-	3,350	-	-	-
San Geronio Windplant WPP93 (CA).....	-	-	-	-	-	13,413	-	-	-
West Texas Windplant (TX).....	-	-	-	-	-	3,362	-	-	-
Wintec Energy Ltd	-	-	-	-	-	5,543	-	-	-
Wintec Energy Ltd (CA).....	-	-	-	-	-	5,543	-	-	-
Wisvest-Connecticut LLC.....	216,798	99,534	6,013	-	-	-	106	162	60
Bridgeport Station (CT).....	216,798	5,328	-	-	-	-	106	11	-
New Haven Harbor (CT).....	-	94,206	6,013	-	-	-	-	150	60
Wood Products Division.....	-	-	-	-	-	-	-	-	-
Emmett Power Co (ID).....	-	-	-	-	-	-	-	-	-
Woodland Biomass Power Ltd.....	-	-	137	-	-	16,831	-	-	1
Woodland Biomass Power Ltd (CA).....	-	-	137	-	-	16,831	-	-	1

See footnotes at end of table.

Table 75. U.S. Electric Nonutility Net Generation and Fuel Consumption, by Owner and Facility, July 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)
Woodstock Hills LLC	-	-	-	-	-	1,565	-	-	-
Woodstock Windfarm (MN)	-	-	-	-	-	1,565	-	-	-
WPS New England Generation Inc.	-	-36	-	712	-	-	-	*	-
Caribou Generation Station (ME)	-	-31	-	599	-	-	-	*	-
Flos Inn Generation Station (ME)	-	-5	-	-	-	-	-	*	-
Squa Pan Hydro Station (ME)	-	-	-	113	-	-	-	-	-
Yadkin Inc.	-	-	-	18,711	-	-	-	-	-
Falls (NC)	-	-	-	3,167	-	-	-	-	-
High Rock (NC).....	-	-	-	1,824	-	-	-	-	-
Narrows (NC)	-	-	-	11,092	-	-	-	-	-
Tuckertown (NC).....	-	-	-	2,628	-	-	-	-	-
Yankee Caithness Joint Vent LP	-	-	-	-	-	38,371	-	-	-
Steamboat Hills Geothermal Plant (NV).....	-	-	-	-	-	38,371	-	-	-
Yellowstone Energy LP	-	32,145	60	-	-	-	-	20	1
Yellowstone Energy LP (MT)	-	32,145	60	-	-	-	-	20	1
York Cogen Facility	-	-	12,771	-	-	-	-	-	142
York Cogen Facility (PA).....	-	-	12,771	-	-	-	-	-	142
York County Solid W & R Auth	-	63	-	-	-	-	-	*	-
York County Resource Recovery Cente (PA).....	-	63	-	-	-	-	-	*	-
Yuba City Cogen Partners LP	-	-	-	-	-	-	-	-	-
Yuba City Cogeneration Partners LP (CA).....	-	-	-	-	-	-	-	-	-
Yuma Cogeneration Associates	-	-	40,178	-	-	-	-	-	336
Yuma Cogeneration Associates (AZ).....	-	-	40,178	-	-	-	-	-	336
Zinc Corp of America	55,263	-	155	-	-	-	25	-	1
G F Weaton Power Station (PA)	55,263	-	155	-	-	-	25	-	1
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

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, June 2002

Census Division and State	Coal (Btu per ton) ¹	Petroleum (Btu per barrel)	Gas (Btu per thousand cubic feet)
New England	27,015,192	5,787,600	1,033,574
Connecticut	-	-	-
Maine	-	-	-
Massachusetts	-	-	1,028,900
New Hampshire	27,015,192	5,787,600	1,052,000
Rhode Island	-	-	-
Vermont	-	-	-
Middle Atlantic	25,728,853	6,430,025	1,020,403
New Jersey	25,986,070	6,253,705	-
New York	25,908,402	6,437,508	1,020,403
Pennsylvania	25,423,440	5,922,000	-
East North Central	20,597,239	5,857,079	850,890
Illinois	19,367,964	5,788,255	1,029,724
Indiana	21,337,212	5,784,019	1,008,000
Michigan	20,040,113	5,869,577	765,953 ^a
Ohio	24,177,832	5,804,524	1,023,897
Wisconsin	18,114,354	-	1,003,609
West North Central	16,803,816	6,317,639	1,009,801
Iowa	17,307,454	5,880,000	1,001,888
Kansas	17,198,296	6,578,594	1,010,496
Minnesota	17,756,164	5,754,000	1,006,968
Missouri	17,850,485	5,794,965	1,011,748
Nebraska	17,270,064	5,796,833	1,009,916
North Dakota	13,152,945	5,811,296	-
South Dakota	17,112,080	-	-
South Atlantic	24,466,088	6,414,755	1,035,828
Delaware	-	6,430,914	1,032,000
District of Columbia	-	-	-
Florida	24,346,354	6,433,787	1,036,123
Georgia	23,468,378	5,817,000	1,038,066
Maryland	-	-	-
North Carolina	24,825,962	5,796,000	1,039,000
South Carolina	25,440,864	5,796,000	1,028,000
Virginia	25,510,944	6,314,369	1,029,151
West Virginia	24,171,434	5,897,950	1,000,000
East South Central	22,512,511	5,846,496	1,034,966
Alabama	21,648,770	5,831,321	1,042,837
Kentucky	22,833,660	5,833,668	1,025,000
Mississippi	23,657,254	5,882,562	1,030,035
Tennessee	22,877,838	5,875,800	-
West South Central	16,803,148	5,960,089	1,031,368
Arkansas	17,504,606	5,914,200	1,020,890
Louisiana	15,518,430	5,908,266	1,035,664
Oklahoma	17,391,264	5,978,700	1,030,604
Texas	16,572,414	-	1,028,066
Mountain	19,639,339	5,842,482	1,020,001
Arizona	20,496,336	-	1,021,034
Colorado	19,425,890	-	988,500
Idaho	-	-	-
Montana	16,754,855	5,922,000	1,125,497
Nevada	22,299,042	5,842,620	1,028,679
New Mexico	19,258,000	5,712,000	1,022,969
Utah	22,368,170	5,796,000	1,072,000
Wyoming	17,248,588	5,791,086	-
Pacific Contiguous	-	6,249,600	1,012,461
California	-	6,249,600	1,012,301
Oregon	-	-	1,020,000
Washington	-	-	-
Pacific Noncontiguous	-	-	1,000,000
Alaska	-	-	1,000,000
Hawaii	-	-	-
U.S. Average	20,222,432	6,403,381	1,025,259

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.

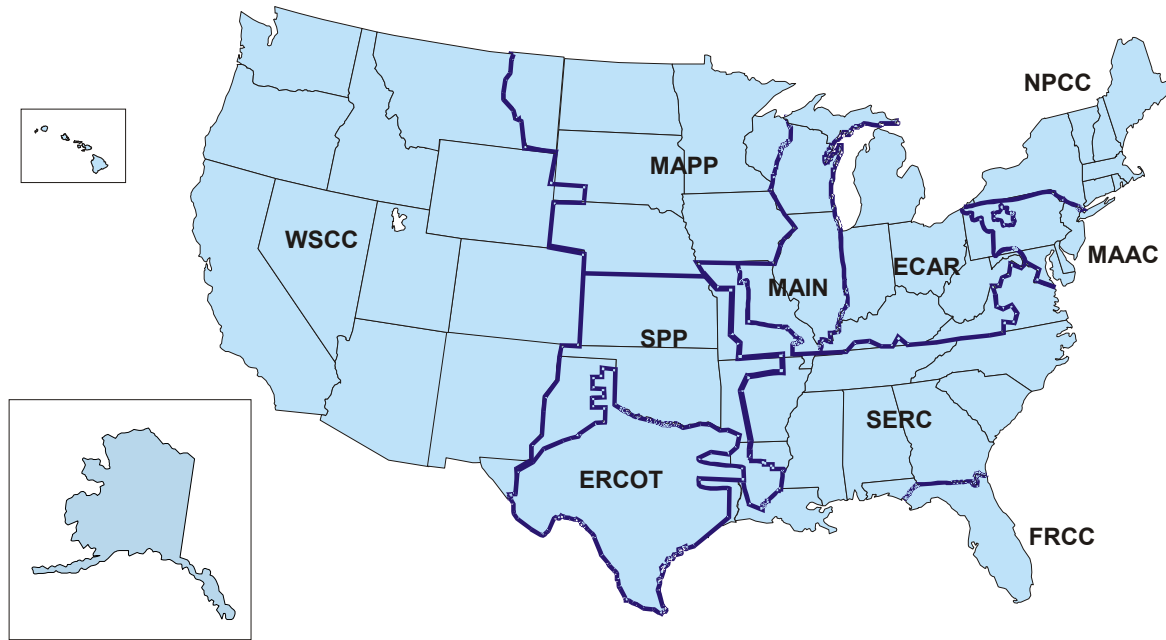
* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute values is less than 0.05 percent.

NA = Not Available.

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

Sources: Energy Information Administration, Form EIA-900, "Monthly Nonutility Power Report;" Form EIA-867, "Annual Nonutility Power Producer Report;" Form EIA-759, "Monthly Power Plant Report;" Form EIA-861, "Annual Electric Utility Report;" Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

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



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

Source: North American Electric Reliability Council.

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

State	Coal	Petroleum	Gas	Hydroelectric	Nuclear	Other ¹
Alabama	-	-	-	-	-	-
Alaska	-	NM	1.21	NM	-	NM
Arizona	-	-	-	-	-	-
Arkansas	-	1.71	-	2.66	-	-
California	-	-	1.03	0.66	-	-
Colorado	-	2.21	1.62	1.64	-	-
Connecticut	-	NM	-	NM	-	NM
Delaware	-	7.99	-	-	-	-
Florida	-	0.01	0.03	-	-	-
Georgia	0.02	-	1.32	2.83	-	-
Hawaii	-	-	-	-	-	-
Idaho	-	-	-	1.47	-	-
Illinois	1.14	NM	NM	NM	-	-
Indiana	0.14	2.84	2.1	-	-	-
Iowa	0.39	NM	NM	-	-	-
Kansas	-	8.08	5.25	-	-	-
Kentucky	0.11	-	-	-	-	-
Louisiana	-	NM	0.46	-	-	-
Maine	-	-	-	NM	-	-
Maryland	-	NM	NM	-	-	-
Massachusetts	NM	NM	NM	NM	-	-
Michigan	0.24	2.8	1.72	NM	-	-
Minnesota	0.57	5.74	6.02	2.61	-	-
Mississippi	0.51	NM	0.48	-	-	-
Missouri	-	5.14	1.86	NM	-	-
Montana	-	NM	-	0.44	-	-
Nebraska	-	NM	7.46	0.19	-	-
Nevada	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-
New Mexico	0.25	-	3.12	NM	-	-
New York	-	0.45	0.3	0.45	-	-
North Carolina	-	-	-	0.29	-	-
North Dakota	-	-	-	-	-	-
Ohio	0.16	3.56	4.3	-	-	-
Oklahoma	-	NM	0.37	-	-	-
Oregon	-	-	-	-	-	-
Pennsylvania	-	NM	NM	NM	-	-
Rhode Island	-	NM	-	-	-	-
South Carolina	-	0.15	-	-4.42	-	-
South Dakota	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-
Texas	-	NM	0.21	7.25	-	-
Utah	-	NM	NM	NM	-	-
Vermont	-	NM	-	NM	-	-
Virginia	-	0.12	0.53	-0.98	-	-
Washington	-	-	-	0.1	-	-
West Virginia	-	-	-	-	-	-
Wisconsin	0.11	NM	2.11	NM	-	-
Wyoming	-	-	-	2.82	-	-

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, July 2002
(Percent)

State	Consumption		
	Coal	Petroleum	Gas
Alabama.....	-	-	-
Alaska.....	-	NM	1.81
Arizona.....	-	-	-
Arkansas.....	-	1.44	-
California.....	-	-	0.95
Colorado.....	-	1.7	1.71
Connecticut.....	-	NM	-
Delaware.....	-	8.02	-
Florida.....	-	0.02	0.02
Georgia.....	0.03	-	0.67
Hawaii.....	-	-	-
Idaho.....	-	-	-
Illinois.....	1.07	NM	NM
Indiana.....	0.16	NM	1.19
Iowa.....	0.38	NM	4.61
Kansas.....	-	8.47	3.17
Kentucky.....	0.12	-	-
Louisiana.....	-	8.78	0.28
Maine.....	-	-	-
Maryland.....	-	NM	NM
Massachusetts.....	NM	NM	9.15
Michigan.....	0.26	2.55	0.87
Minnesota.....	0.89	NM	4.12
Mississippi.....	0.57	NM	0.3
Missouri.....	-	NM	1.31
Montana.....	-	NM	-
Nebraska.....	-	NM	4.04
Nevada.....	-	-	-
New Hampshire.....	-	-	-
New Jersey.....	-	-	-
New Mexico.....	0.25	-	3.54
New York.....	-	0.48	0.2
North Carolina.....	-	-	-
North Dakota.....	-	-	-
Ohio.....	0.2	3.56	2.04
Oklahoma.....	-	NM	0.2
Oregon.....	-	-	-
Pennsylvania.....	-	NM	NM
Rhode Island.....	-	NM	-
South Carolina.....	-	0.14	-
South Dakota.....	-	-	-
Tennessee.....	-	-	-
Texas.....	-	NM	0.15
Utah.....	-	NM	NM
Vermont.....	-	NM	-
Virginia.....	-	0.14	0.32
Washington.....	-	-	-
West Virginia.....	-	-	-
Wisconsin.....	0.09	NM	0.98
Wyoming.....	-	-	-

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

Notes: • Relative Standard Error is designed to indicate error due to sampling. However, nonsampling error is important for all surveys, census or sample. See technical notes for further information • Estimates for 2002 are preliminary.

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

Table C7. Relative Standard Error for Nonutility Net Generation by Census Division, July 2002
(Percent)

Census Division	Coal	Petroleum	Gas	Hydroelectric	Nuclear	Other ¹
New England	2.1	7.0	3.9	2.5	-	9.3
Mid Atlantic	0.5	4.1	2.1	3.2	-	8.2
East North Central	0.5	NM	3.0	NM	-	NM
West North Central	NM	NM	NM	NM	-	NM
South Atlantic	0.7	6.4	3.3	1.8	-	3.4
East South Central	1.9	NM	7.4	3.2	-	6.1
West South Central	0.2	9.0	0.9	1.1	-	2.3
Mountain	2.2	NM	2.5	6.2	-	NM
Pacific Contiguous	2.8	NM	2.4	NM	-	4.1
Pacific Noncontiguous	NM	NM	NM	NM	-	5.5

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, July 2002
(Percent)

Census Division	Consumption			Stocks	
	Coal	Petroleum	Gas	Coal	Petroleum
New England	3.4	6.7	2.6	-	-
Mid Atlantic	0.6	5.9	3.6	-	-
East North Central	0.7	NM	9.0	-	-
West North Central	NM	NM	NM	-	-
South Atlantic	1.2	5.9	5.8	-	-
East South Central.....	3.7	NM	NM	-	-
West South Central	-	NM	2.8	-	-
Mountain	3.0	NM	NM	-	-
Pacific Contiguous	3.0	NM	3.0	-	-
Pacific Noncontiguous	NM	NM	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 watt-hours (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.