Independent Statistics & Analysis
U.S. Energy Information Administration

Electric Power Monthly

with Data for February 2015

April 2015

Independent Statistics & Analysis
www.eia.gov

U.S. Department of Energy
Washington, DC 20585

This report was prepared by the U.S. Energy Information Administration (EIA), the statistical and analytical agency within the U.S. Department of Energy. By law, EIA's data, analyses, and forecasts are independent of approval by any other officer or employee of the United States Government. The views in this report therefore should not be construed as representing those of the Department of Energy or other Federal agencies.

Contacts

The Electric Power Monthly is prepared by the U.S. Energy Information Administration.

Questions and comments concerning the contents of the Electric Power Monthly may be directed to:

Ronald Hankey, Project Leader
U.S. Energy Information Administration, EI-23
U.S. Department of Energy
1000 Independence Avenue, S.W.
Washington, DC, 20585-0650

Email address: infoelectric@eia.gov

Subject specialists:

Subject	Specialist
U.S. electric net generation	Ronald Hankey
U.S. electric consumption of fuels	Christopher Cassar
U.S. electric stocks of fuels	Christopher Cassar
U.S. electric fossil-fuel receipts	Rebecca Peterson
U.S. electric fossil-fuel costs	Rebecca Peterson
U.S. retail sales of electricity	Peter Wong
Sampling and estimation methodologies	James Knaub, Jr.

Requests for additional information on other statistics available from the U.S. Energy Information Administration or questions concerning subscriptions and report distribution may be directed to the Office of Communications of the U.S. Energy Information Administration at infoctr@eia.gov.

Preface

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

Background

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

Data sources

The EPM contains information from the following data sources: Form EIA-923, "Power Plant Operations Report;" Form EIA-826, "Monthly Electric Sales and Revenue With State Distributions Report;" Form EIA-860, "Annual Electric Generator Report;" Form EIA-860M, "Monthly Update to the Annual Electric Generator Report;" and Form EIA-861, "Annual Electric Power Industry Report." Forms and their instructions may be obtained from: http://www.eia.gov/survey/#electricity. A detailed description of these forms and associated algorithms are found in Appendix C, “Technical Notes.”

Table of Contents

Contacts

Quality

Preface

Background

Data Sources

Table and Figure Index

References

Glossary

Table and Figure Index

Executive Summary

Table ES.1.A. Total Electric Power Industry Summary Statistics
Table ES.1.B. Total Electric Power Industry Summary Statistics, Year-to-Date
Table ES.2.A. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Physical Units
Table ES.2.B. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Btus

Chapter 1. Net Generation

Table 1.1. Net Generation by Energy Source: Total (All Sectors)
Table 1.1.A. Net Generation from Renewable Sources: Total (All Sectors)
Table 1.2. Net Generation by Energy Source: Electric Utilities
Table 1.3. Net Generation by Energy Source: Independent Power Producers
Table 1.4. Net Generation by Energy Source: Commercial Combined Heat and Power Sector
Table 1.5. Net Generation by Energy Source: Industrial Combined Heat and Power Sector
Table 1.6.A. Net Generation by State by Sector
Table 1.6.B. Net Generation by State by Sector, Year-to-Date
Table 1.7.A. Net Generation from Coal by State by Sector
Table 1.7.B. Net Generation from Coal by State by Sector, Year-to-Date
Table 1.8.A. Net Generation from Petroleum Liquids by State by Sector
Table 1.8.B. Net Generation from Petroleum Liquids by State by Sector, Year-to-Date
Table 1.9.A. Net Generation from Petroleum Coke by State by Sector
Table 1.9.B. Net Generation from Petroleum Coke by State by Sector, Year-to-Date
Table 1.10.A. Net Generation from Natural Gas by State by Sector
Table 1.10.B. Net Generation from Natural Gas by State by Sector, Year-to-Date
Table 1.11.A. Net Generation from Other Gases by State by Sector
Table 1.11.B. Net Generation from Other Gases by State by Sector, Year-to-Date
Table 1.12.A. Net Generation from Nuclear Energy by State by Sector
Table 1.12.B. Net Generation from Nuclear Energy by State by Sector, Year-to-Date
Table 1.13.A. Net Generation from Hydroelectric (Conventional) Power by State by Sector
Table 1.13.B. Net Generation from Hydroelectric (Conventional) Power by State by Sector, Year-to-Date
Table 1.14.A. Net Generation from Renewable Sources Excluding Hydroelectric by State by Sector
Table 1.14.B. Net Generation from Renewable Sources Excluding Hydroelectric by State by Sector, Year-to-Date
Table 1.15.A. Net Generation from Hydroelectric (Pumped Storage) Power by State by Sector
Table 1.15.B. Net Generation from Hydroelectric (Pumped Storage) Power by State by Sector, Year-to-Date
Table 1.16.A. Net Generation from Other Energy Sources by State by Sector
Table 1.16.B. Net Generation from Other Energy Sources by State by Sector, Year-to-Date
Table 1.17.A. Net Generation from Wind by State by Sector
Table 1.17.B. Net Generation from Wind by State by Sector, Year-to-Date
Table 1.18.A. Net Generation from Biomass by State by Sector

Table 1.18.B. Net Generation from Biomass by State by Sector, Year-to-Date
Table 1.19.A. Net Generation from Geothermal by Census Division by Sector
Table 1.19.B. Net Generation from Geothermal by Census Division by Sector, Year-to-Date
Table 1.20.A. Net Generation from Solar by Census Division by Sector
Table 1.20.B. Net Generation from Solar by Census Division by Sector, Year-to-Date

Chapter 2. Consumption of Fossil Fuels

Table 2.1.A. Coal: Consumption for Electricity Generation by Sector
Table 2.1.B. Coal: Consumption for Useful Thermal Output by Sector
Table 2.1.C. Coal: Consumption for Electricity Generation and Useful Thermal Output by Sector
Table 2.2.A. Petroleum Liquids: Consumption for Electricity Generation by Sector
Table 2.2.B. Petroleum Liquids: Consumption for Useful Thermal Output by Sector
Table 2.2.C. Petroleum Liquids: Consumption for Electricity Generation and Useful Thermal Output by Sector
Table 2.3.A. Petroleum Coke: Consumption for Electricity Generation by Sector
Table 2.3.B. Petroleum Coke: Consumption for Useful Thermal Output by Sector
Table 2.3.C. Petroleum Coke: Consumption for Electricity Generation and Useful Thermal Output by Sector
Table 2.4.A. Natural Gas: Consumption for Electricity Generation by Sector
Table 2.4.B. Natural Gas: Consumption for Useful Thermal Output by Sector
Table 2.4.C. Natural Gas: Consumption for Electricity Generation and Useful Thermal Output by Sector
Table 2.5.A. Landfill Gas: Consumption for Electricity Generation by Sector
Table 2.5.B. Landfill Gas: Consumption for Useful Output by Sector
Table 2.5.C. Landfill Gas: Consumption for Electricity Generation and Useful Thermal Output by Sector
Table 2.6.A. Biogenic Municipal Solid Waste: Consumption for Electricity Generation by Sector
Table 2.6.B. Biogenic Municipal Solid Waste: Consumption for Useful Thermal Output by Sector
Table 2.6.C. Biogenic Municipal Solid Waste: Consumption for Electricity Generation and Useful Thermal Output by Sector
Table 2.7.A. Consumption of Coal for Electricity Generation by State by Sector
Table 2.7.B. Consumption of Coal for Electricity Generation by State by Sector, Year-to-Date
Table 2.8.A. Consumption of Petroleum Liquids for Electricity Generation by State by Sector
Table 2.8.B. Consumption of Petroleum Liquids for Electricity Generation by State by Sector, Year-to-Date
Table 2.9.A. Consumption of Petroleum Coke for Electricity Generation by State by Sector
Table 2.9.B. Consumption of Petroleum Coke for Electricity Generation by State by Sector, Year-to-Date
Table 2.10.A. Consumption of Natural Gas for Electricity Generation by State by Sector
Table 2.10.B. Consumption of Natural Gas for Electricity Generation by State by Sector, Year-to-Date
Table 2.11.A. Consumption of Landfill Gas for Electricity Generation by State by Sector
Table 2.11.B. Consumption of Landfill Gas for Electricity Generation by State by Sector, Year-to-Date
Table 2.12.A. Consumption of Biogenic Municipal Solid Waste for Electricity Generation by State by Sector
Table 2.12.B. Consumption of Biogenic Municipal Solid Waste for Electricity Generation by State by Sector, Year-to-Date

Chapter 3. Fossil-Fuel Stocks for Electricity Generation

Table 3.1. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector
Table 3.2. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, by State
Table 3.3. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, by Census Division
Table 3.4. Stocks of Coal by Coal Rank

Chapter 4. Receipts and Cost of Fossil Fuels

Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors)
Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities
Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers
Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commercial Sector
Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector
Table 4.6.A. Receipts of Coal Delivered for Electricity Generation by State
Table 4.6.B. Receipts of Coal Delivered for Electricity Generation by State, Year-to-Date
Table 4.7.A. Receipts of Petroleum Liquids Delivered for Electricity Generation by State
Table 4.7.B. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, Year-to-Date
Table 4.8.A. Receipts of Petroleum Coke Delivered for Electricity Generation by State
Table 4.8.B. Receipts of Petroleum Coke Delivered for Electricity Generation by State, Year-to-Date
Table 4.9.A. Receipts of Natural Gas Delivered for Electricity Generation by State
Table 4.9.B. Receipts of Natural Gas Delivered for Electricity Generation by State, Year-to-Date
Table 4.10.A. Average Cost of Coal Delivered for Electricity Generation by State
Table 4.10.B. Average Cost of Coal Delivered for Electricity Generation by State, Year-to-Date
Table 4.11.A. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State
Table 4.11.B. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, Year-to-Date
Table 4.12.A. Average Cost of Petroleum Coke Delivered for Electricity Generation by State
Table 4.12.B. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, Year-to-Date
Table 4.13.A. Average Cost of Natural Gas Delivered for Electricity Generation by State
Table 4.13.B. Average Cost of Natural Gas Delivered for Electricity Generation by State, Year-to-Date
Table 4.14. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Total (All Sectors) by State
Table 4.15. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Electric Utilities by State
Table 4.16. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Independent Power Producers by State
Table 4.17. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Commercial Combined Heat and Power Producers by State
Table 4.18. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Industrial Combined Heat and Power Producers by State

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

Table 5.1. Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector
Table 5.2. Revenue from Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector
Table 5.3. Average Retail Price of Electricity to Ultimate Customers: Total by End-Use Sector
Table 5.4.A. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State

Table 5.4.B. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date
Table 5.5.A. Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State
Table 5.5.B. Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date
Table 5.6.A. Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, by State
Table 5.6.B. Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date

Chapter 6. Capacity

Table 6.1. Electric Generating Summer Capacity Changes (MW) for Utility Scale Units
Table 6.2.A. Net Summer Capacity of Utility Scale Units by Technology and by State
Table 6.2.B. Net Summer Capacity of Utility Scale Units Using Primarily Renewable Energy Sources and by State
Table 6.2.C. Net Summer Capacity of Utility Scale Units Using Primarily Fossil Fuels by State
Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month
Table 6.4. Retired Utility Scale Generating Units by Operating Company, Plant, and Month
Table 6.5. Planned U.S. Electric Generating Unit Additions
Table 6.6 Planned U.S. Electric Generating Unit Retirements
Table 6.7.A. Capacity Factors for Utility Scale Generators Primarily Using Fossil Fuels
Table 6.7.B. Capacity Factors for Utility Scale Generators Not Primarily Using Fossil Fuels
Figure 6.1.A. Utility Scale Generating Units Added
Figure 6.1.B. Utility Scale Generating Units Retired
Figure 6.1.C. Utility Scale Generating Units Planned to Come Online
Figure 6.1.D. Utility Scale Generating Units Planned to Retire

Appendices

Table A.1.A. Relative Standard Error for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State
Table A.1.A. Relative Standard Error for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State (Continued)
Table A.1.B. Relative Standard Error for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State, Year-to-Date
Table A.1.B. Relative Standard Error for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State, Year-to-Date (Continued)
Table A.2.A. Relative Standard Error for Net Generation by Fuel Type: Electric Utilities by Census Division and State
Table A.2.A. Relative Standard Error for Net Generation by Fuel Type: Electric Utilities by Census Division and State (Continued)
Table A.2.B. Relative Standard Error for Net Generation by Fuel Type: Electric Utilities by Census Division and State, Year-to-Date
Table A.2.B. Relative Standard Error for Net Generation by Fuel Type: Electric Utilities by Census Division and State, Year-to-Date (Continued)

Table A.3.A. Relative Standard Error for Net Generation by Fuel Type: Independent Power Producers by Census Division and State
Table A.3.A. Relative Standard Error for Net Generation by Fuel Type: Independent Power Producers by Census Division and State (Continued)
Table A.3.B. Relative Standard Error for Net Generation by Fuel Type: Independent Power Producers by Census Division and State, Year-to-Date
Table A.3.B. Relative Standard Error for Net Generation by Fuel Type: Independent Power Producers by Census Division and State, Year-to-Date (Continued)
Table A.4.A. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State
Table A.4.A. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State (Continued)
Table A.4.B. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, Year-to-Date
Table A.4.B. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, Year-to-Date (Continued)
Table A.5.A. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State
Table A.5.A. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State, (Continued)
Table A.5.B. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State, Year-to-Date
Table A.5.B. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State, Year-to-Date (Continued)
Table A.6.A. Relative Standard Error for Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State
Table A.6.B. Relative Standard Error for Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date
Table A.7.A. Relative Standard Error for Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State
Table A.7.B. Relative Standard Error for Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date
Table A.8.A. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State
Table A.8.B. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date
Table B.1. Major Disturbances and Unusual Occurrences, Year-to-Date
Table B.2 Major Disturbances and Unusual Occurrences, Prior Year
Table C.1. Average Heat Content of Fossil-Fuel Receipts
Table C.2. Comparison of Preliminary Monthly Data versus Final Monthly Data at the U.S. Level
Table C.3. Comparison of Annual Monthly Estimates versus Annual Data at the U.S. Level, All Sectors
Table C.4. Unit-of-Measure Equivalents for Electricity

Table ES1.A. Total Electric Power Industry Summary Statistics, 2015 and 2014

Net Generation and Consumption of Fuels for February											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
Net Generation (Thousand Megawatthours)											
Coal	127,087	143,638	-11.5%	95,374	106,949	30,669	35,493	74	95	970	1,101
Petroleum Liquids	5,237	1,866	180.7%	2,051	1,077	3,008	689	NM	NM	89	70
Petroleum Coke	1,115	941	18.5%	869	706	133	123	1	1	112	110
Natural Gas	91,013	75,449	20.6%	40,691	31,214	43,256	36,915	532	579	6,534	6,741
Other Gas	1,020	760	34.2%	22	7	381	252	0	0	617	502
Nuclear	63,462	62,639	1.3%	33,478	32,937	29,984	29,702	0	0	0	0
Hydroelectric Conventional	22,590	17,449	29.5%	20,883	15,644	1,483	1,547	NM	NM	221	255
Renewable Sources Excluding Hydroelectric	22,830	20,955	8.9%	2,921	2,736	17,417	15,730	242	222	2,250	2,267
... Wind	14,964	13,976	7.1%	2,377	2,249	12,572	11,717	10	7	NM	NM
... Solar Thermal and Photovoltaic	1,634	896	82.3%	101	73	1,497	798	35	24	NM	NM
... Wood and Wood-Derived Fuels	3,379	3,327	1.6%	253	228	971	926	7	5	2,148	2,167
... Other Biomass	1,523	1,484	2.6%	107	103	1,131	1,101	190	185	95	95
... Geothermal	1,330	1,272	4.5%	83	84	1,246	1,188	0	0	0	0
Hydroelectric Pumped Storage	-416	-445	-6.5%	-347	-361	-69	-84	0	0	0	0
Other Energy Sources	915	877	4.3%	40	18	479	472	84	79	313	308
All Energy Sources	334,851	324,128	3.3%	195,982	190,928	126,739	120,838	1,025	1,009	11,104	11,354
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	67,181	76,252	-11.9%	49,883	56,134	16,907	19,675	26	30	365	413
Petroleum Liquids (1000 barrels)	8,847	3,131	182.5%	3,716	1,896	4,811	1,090	219	75	102	70
Petroleum Coke (1000 tons)	404	367	10.1%	317	276	57	57	0	0	30	35
Natural Gas (1000 Mcf)	674,793	576,829	17.0%	307,810	248,391	316,262	274,859	4,633	5,194	46,088	48,385
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	1,387	1,600	-13.3%	0	0	166	195	92	115	1,129	1,290
Petroleum Liquids (1000 barrels)	1,005	486	106.6%	0	0	198	98	362	123	444	266
Petroleum Coke (1000 tons)	123	103	19.1%	0	0	9	7	2	1	112	95
Natural Gas (1000 Mcf)	72,565	70,254	3.3%	0	0	25,489	25,737	4,536	4,099	42,540	40,417
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	68,569	77,852	-11.9%	49,883	56,134	17,073	19,870	119	145	1,494	1,703
Petroleum Liquids (1000 barrels)	9,852	3,618	172.3%	3,716	1,896	5,009	1,188	582	197	546	337
Petroleum Coke (1000 tons)	528	471	12.1%	317	276	65	63	2	2	143	130
Natural Gas (1000 Mcf)	747,358	647,083	15.5%	307,810	248,391	341,750	300,597	9,169	9,293	88,628	88,802
Fuel Stocks (end-of-month)											
Coal (1000 tons)	152,894	122,191	25.1%	116,664	96,427	33,658	23,458	278	328	2,295	1,978
Petroleum Liquids (1000 barrels)	29,175	30,681	-4.9%	19,197	20,573	8,091	7,904	338	411	1,549	1,793
Petroleum Coke (1000 tons)	1,076	570	88.7%	W	202	W	74	W	W	W	W

Sales, Revenue, and Average Retail Price for February									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	February 2015	February 2014	Percentage Change	February 2015	February 2014	Percentage Change	February 2015	February 2014	Percentage Change
Residential	123,940	128,190	-3.3%	15,231	15,279	-0.3%	12.29	11.92	3.1%
Commercial	105,504	104,570	0.9%	11,199	11,160	0.4%	10.62	10.67	-0.5%
Industrial	74,110	72,498	2.2%	5,101	5,129	-0.5%	6.88	7.07	-2.7%
Transportation	675	700	-3.6%	73	71	2.8%	10.87	10.18	6.8%
All Sectors	304,229	305,959	-0.6%	31,605	31,639	-0.1%	10.39	10.34	0.5%

NM = Not meaningful due to large relative standard error.
W = Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Coal generation and consumption includes anthracite, bituminous, subbituminous, lignite, waste coal, refined coal, synthetic coal, and coal-derived synthesis gas.
Petroleum Liquids includes distillate fuel oil, residual fuel oil, jet fuel, kerosene, propane, and waste oil.
Petroleum Coke includes petroleum coke and synthesis gas derived from petroleum coke.
Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.
Other Gases includes blast furnace gas and other manufactured and waste gases derived from fossil fuels.
Wood and Wood-Derived Fuels include wood, black liquor, and other wood waste.
Other Biomass includes biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts, and other biomass.
Coal stocks include anthracite, bituminous, subbituminous, lignite, refined coal, and synthetic coal; waste coal is excluded.
Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (e.g., sales data may include imported electricity).
Net generation is presented for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time that vary depending upon customer class and consumption occurring during and outside the calendar month.
Note: Values are preliminary. Percentage change is calculated before rounding.
See technical notes for additional information including more on the Commercial, Industrial, and Transportation sectors.

Table ES1.B. Total Electric Power Industry Summary Statistics, Year-to-Date 2015 and 2014

Net Generation and Consumption of Fuels for January through February											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
Net Generation (Thousand Megawatthours)											
Coal	259,828	300,954	-13.7%	194,853	225,705	62,870	72,754	130	193	1,975	2,302
Petroleum Liquids	7,190	7,906	-9.1%	3,221	3,617	3,690	3,968	NM	134	160	187
Petroleum Coke	2,155	2,122	1.5%	1,673	1,655	262	233	2	2	217	232
Natural Gas	192,343	166,375	15.6%	84,297	70,262	92,747	80,505	1,137	1,217	14,162	14,391
Other Gas	2,106	1,703	23.7%	46	19	730	569	0	0	1,330	1,115
Nuclear	137,732	135,703	1.5%	72,854	71,685	64,878	64,018	0	0	0	0
Hydroelectric Conventional	47,048	39,085	20.4%	43,191	34,865	3,364	3,604	NM	NM	487	609
Renewable Sources Excluding Hydroelectric	46,278	46,660	-0.8%	6,013	6,116	34,962	35,275	502	485	4,801	4,784
... Wind	30,222	31,993	-5.5%	4,898	5,084	25,293	26,886	21	15	NM	NM
... Solar Thermal and Photovoltaic	2,807	1,712	63.9%	173	136	2,573	1,529	58	45	NM	NM
... Wood and Wood-Derived Fuels	7,131	7,028	1.5%	527	496	2,010	1,966	14	10	4,579	4,555
... Other Biomass	3,340	3,236	3.2%	236	218	2,486	2,385	409	415	209	219
... Geothermal	2,777	2,691	3.2%	178	182	2,599	2,509	0	0	0	0
Hydroelectric Pumped Storage	-944	-735	28.5%	-783	-579	-161	-156	0	0	0	0
Other Energy Sources	1,979	1,886	4.9%	82	48	1,045	1,010	178	173	674	656
All Energy Sources	695,714	701,660	-0.8%	405,447	413,395	264,386	261,780	2,075	2,211	23,806	24,275
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	138,700	159,852	-13.2%	102,708	118,499	35,195	40,430	53	61	743	862
Petroleum Liquids (1000 barrels)	12,243	13,769	-11.1%	5,844	6,639	5,930	6,633	291	309	178	187
Petroleum Coke (1000 tons)	791	810	-2.4%	617	624	114	112	1	0	60	74
Natural Gas (1000 Mcf)	1,419,179	1,270,530	11.7%	634,983	557,546	673,695	598,764	10,041	10,916	100,460	103,304
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	2,970	3,321	-10.6%	0	0	342	387	194	231	2,435	2,703
Petroleum Liquids (1000 barrels)	1,575	1,599	-1.5%	0	0	306	290	483	503	786	805
Petroleum Coke (1000 tons)	253	221	14.2%	0	0	18	15	4	3	230	203
Natural Gas (1000 Mcf)	152,196	153,400	-0.8%	0	0	53,756	55,688	9,398	9,087	89,041	88,624
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	141,670	163,173	-13.2%	102,708	118,499	35,537	40,817	247	291	3,178	3,566
Petroleum Liquids (1000 barrels)	13,817	15,368	-10.1%	5,844	6,639	6,235	6,924	775	813	963	992
Petroleum Coke (1000 tons)	1,044	1,031	1.2%	617	624	132	127	5	3	290	276
Natural Gas (1000 Mcf)	1,571,375	1,423,930	10.4%	634,983	557,546	727,451	654,452	19,439	20,003	189,501	191,928

Sales, Revenue, and Average Retail Price for January through February									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	Percentage Change
Residential	260,739	274,368	-5.0%	31,786	32,311	-1.6%	12.19	11.78	3.5%
Commercial	216,788	218,738	-0.9%	22,660	22,968	-1.3%	10.45	10.50	-0.5%
Industrial	151,056	149,526	1.0%	10,192	10,476	-2.7%	6.75	7.01	-3.7%
Transportation	1,328	1,435	-7.5%	143	147	-2.6%	10.77	10.24	5.2%
All Sectors	629,910	644,067	-2.2%	64,782	65,902	-1.7%	10.28	10.23	0.5%

NM = Not meaningful due to large relative standard error.
W = Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Coal generation and consumption includes anthracite, bituminous, subbituminous, lignite, waste coal, refined coal, synthetic coal, and coal-derived synthesis gas.
Petroleum Liquids includes distillate fuel oil, residual fuel oil, jet fuel, kerosene, propane, and waste oil.
Petroleum Coke includes petroleum coke and synthesis gas derived from petroleum coke.
Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.
Other Gases includes blast furnace gas and other manufactured and waste gases derived from fossil fuels.
Wood and Wood-Derived Fuels include wood, black liquor, and other wood waste.
Other Biomass includes biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts, and other biomass.
Coal stocks include anthracite, bituminous, subbituminous, lignite, refined coal, and synthetic coal; waste coal is excluded.
Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (e.g., sales data may include imported electricity).
Net generation is presented for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time that vary depending upon customer class and consumption occurring during and outside the calendar month.
Note: Values are preliminary. Percentage change is calculated before rounding.
See technical notes for additional information including more on the Commercial, Industrial, and Transportation sectors.

Table ES2.A. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Physical Units, 2015 and 2014

Total (All Sectors)										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
Coal (1000 tons)	60,606	61,440	43.63	45.27	320	324	133,327	129,220	43.90	44.55
Petroleum Liquids (1000 barrels)	3,319	4,286	75.96	131.47	214	244	5,509	8,785	76.45	131.15
Petroleum Coke (1000 tons)	338	356	51.07	W	10	10	822	706	54.85	53.99
Natural Gas (1000 Mcf)	666,976	572,177	4.83	7.59	723	690	1,397,670	1,263,652	4.52	7.39

Electric Utilities										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
Coal (1000 tons)	45,136	43,905	44.08	45.93	224	227	98,835	91,867	44.54	45.24
Petroleum Liquids (1000 barrels)	1,422	2,045	71.78	132.02	132	152	2,883	4,062	71.83	130.87
Petroleum Coke (1000 tons)	301	312	49.17	57.15	7	8	704	621	52.72	53.92
Natural Gas (1000 Mcf)	291,795	241,777	4.70	7.18	372	351	606,370	543,679	4.53	6.71

Independent Power Producers										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
Coal (1000 tons)	14,862	16,810	41.41	42.55	71	75	33,097	35,859	41.11	41.88
Petroleum Liquids (1000 barrels)	1,829	2,197	78.44	131.02	69	81	2,532	4,629	81.48	131.59
Petroleum Coke (1000 tons)	20	38	W	0.00	1	1	71	72	68.33	W
Natural Gas (1000 Mcf)	320,864	274,863	5.32	8.45	304	296	680,044	602,452	4.74	8.61

Commercial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
Coal (1000 tons)	11	18	W	W	2	2	23	36	W	W
Petroleum Liquids (1000 barrels)	0	0	--	--	0	0	0	0	--	--
Petroleum Coke (1000 tons)	0	0	--	--	0	0	0	0	--	--
Natural Gas (1000 Mcf)	368	292	W	W	2	2	859	692	W	W

Industrial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
Coal (1000 tons)	597	707	W	W	23	20	1,373	1,458	W	W
Petroleum Liquids (1000 barrels)	67	44	99.49	127.88	13	11	94	95	92.94	122.46
Petroleum Coke (1000 tons)	17	6	W	W	2	1	46	13	W	W
Natural Gas (1000 Mcf)	53,949	55,245	W	W	45	41	110,397	116,829	W	W

NM = Not meaningful due to large relative standard error.
W = Withheld to avoid disclosure of individual company data.
Number of Plants represents the number of plants for which receipts data were collected this month.
.... A plant using more than one fuel may be counted multiple times.
Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, synthetic coal, and coal-derived synthesis gas.
Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, propane, and waste oil.

Table ES2.B. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Btus, 2015 and 2014

Total (All Sectors)										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
Coal	1,170,120	1,195,094	2.26	2.33	320	324	2,575,303	2,490,267	2.27	2.31
Petroleum Liquids	20,190	26,044	12.47	21.60	214	244	33,438	52,937	12.58	21.74
Petroleum Coke	9,660	10,083	1.79	W	10	10	23,385	19,977	1.93	1.90
Natural Gas	688,731	587,376	4.68	7.40	723	690	1,443,072	1,296,620	4.38	7.20
Fossil Fuels	1,888,701	1,818,597	3.19	W	929	917	4,075,198	3,859,801	3.05	4.11

Electric Utilities										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
Coal	880,402	863,997	2.26	2.33	224	227	1,927,583	1,790,987	2.28	2.32
Petroleum Liquids	8,693	12,405	11.74	21.75	132	152	17,569	24,443	11.79	21.74
Petroleum Coke	8,617	8,883	1.72	2.01	7	8	20,126	17,636	1.84	1.90
Natural Gas	300,921	247,518	4.56	7.01	372	351	625,191	556,485	4.40	6.56
Fossil Fuels	1,198,633	1,132,802	2.90	3.55	513	504	2,590,470	2,389,551	2.85	3.49

Independent Power Producers										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
Coal	275,928	314,645	2.23	2.27	71	75	615,844	665,550	2.21	2.26
Petroleum Liquids	11,092	13,366	12.91	21.48	69	81	15,306	27,911	13.46	21.77
Petroleum Coke	562	1,039	W	0.00	1	1	1,989	1,961	2.45	W
Natural Gas	331,718	282,563	5.15	8.22	304	296	702,918	618,943	4.59	8.38
Fossil Fuels	619,300	611,613	W	5.15	365	366	1,336,057	1,314,365	W	W

Commercial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
Coal	245	407	W	W	2	2	518	807	W	W
Petroleum Liquids	0	0	--	--	0	0	0	0	--	--
Petroleum Coke	0	0	--	--	0	0	0	0	--	--
Natural Gas	373	296	W	W	2	2	872	701	W	W
Fossil Fuels	619	703	W	W	2	2	1,390	1,508	W	W

Industrial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
Coal	13,545	16,046	W	W	23	20	31,358	32,923	W	W
Petroleum Liquids	405	274	16.55	20.61	13	11	564	583	15.42	19.84
Petroleum Coke	481	161	W	W	2	1	1,269	380	W	W
Natural Gas	55,718	56,999	W	W	45	41	114,091	120,492	W	W
Fossil Fuels	70,150	73,479	W	W	49	45	147,281	154,377	W	W

NM = Not meaningful due to large relative standard error.
W = Withheld to avoid disclosure of individual company data.
Number of Plants represents the number of plants for which receipts data were collected this month.
…. The total number of fossil fuel plants is not the sum of the figures above it because a plant that receives two or more different fuels is only counted once.
Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, synthetic coal, and coal-derived synthesis gas.
Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, propane, and waste oil.
Natural Gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.

Table 1.1. Net Generation by Energy Source: Total (All Sectors), 2005-February 2015
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Renewable Sources Excluding Hydroelectric	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
2005	2,012,873	99,840	22,385	760,960	13,464	781,986	270,321	87,329	-6,558	12,821	4,055,423
2006	1,990,511	44,460	19,706	816,441	14,177	787,219	289,246	96,525	-6,558	12,974	4,064,702
2007	2,016,456	49,505	16,234	896,590	13,453	806,425	247,510	105,238	-6,896	12,231	4,156,745
2008	1,985,801	31,917	14,325	882,981	11,707	806,208	254,831	126,101	-6,288	11,804	4,119,388
2009	1,755,904	25,972	12,964	920,979	10,632	798,855	273,445	144,279	-4,627	11,928	3,950,331
2010	1,847,290	23,337	13,724	987,697	11,313	806,968	260,203	167,173	-5,501	12,855	4,125,060
2011	1,733,430	16,086	14,096	1,013,689	11,566	790,204	319,355	193,981	-6,421	14,154	4,100,141
2012	1,514,043	13,403	9,787	1,225,894	11,898	769,331	276,240	218,333	-4,950	13,787	4,047,765
2013	1,581,115	13,820	13,344	1,124,836	12,853	789,016	268,565	253,508	-4,681	13,588	4,065,964
2014	1,585,697	18,708	11,781	1,121,928	11,578	797,067	258,749	281,060	-6,209	12,576	4,092,935
Year 2013											
January	138,105	1,733	1,042	88,559	1,144	71,406	24,829	21,518	-465	1,098	348,967
February	123,547	1,130	867	80,283	968	61,483	20,418	20,330	-320	1,020	309,728
March	130,634	990	1,007	84,725	1,070	62,947	20,534	22,810	-462	1,143	325,399
April	111,835	995	891	78,036	1,020	56,767	25,097	23,961	-292	1,024	299,333
May	119,513	1,067	1,345	83,816	1,088	62,848	28,450	23,254	-334	1,110	322,156
June	138,283	1,035	1,307	99,615	1,048	66,430	27,384	20,954	-358	1,125	356,823
July	152,867	1,458	1,354	120,771	1,148	70,539	27,255	18,593	-340	1,201	394,846
August	149,426	1,076	1,372	121,156	1,143	71,344	21,633	17,382	-465	1,217	385,286
Sept	133,110	964	1,222	102,063	1,087	65,799	16,961	18,991	-439	1,182	340,941
October	120,996	945	1,074	88,587	1,072	63,184	17,199	21,058	-373	1,185	314,925
November	120,940	989	850	84,287	1,060	64,975	17,677	23,030	-413	1,143	314,540
December	141,860	1,438	1,013	92,936	1,006	71,294	21,128	21,626	-421	1,141	353,021
Year 2014											
January	157,316	6,041	1,181	90,926	943	73,064	21,636	25,705	-290	1,009	377,531
February	143,638	1,866	941	75,449	760	62,639	17,449	20,955	-445	877	324,128
March	136,781	2,083	1,215	77,950	847	62,397	24,219	26,005	-421	1,036	332,111
April	109,591	910	811	76,728	784	56,385	25,053	26,776	-378	993	297,653
May	119,033	976	1,056	88,514	936	62,947	26,406	23,994	-636	1,071	324,299
June	138,060	921	1,113	98,441	962	68,138	25,814	24,526	-653	1,069	358,392
July	150,007	1,024	1,028	114,582	1,069	71,940	24,260	21,059	-545	1,108	385,533
August	148,882	1,065	1,009	121,849	1,064	71,129	19,757	19,141	-840	1,136	384,192
Sept	126,484	963	951	106,295	1,104	67,535	15,933	19,994	-542	1,070	339,788
October	111,838	923	580	97,125	1,034	62,391	17,088	22,969	-448	1,059	314,560
November	119,351	988	753	83,990	1,012	65,140	18,712	27,228	-531	1,045	317,689
December	124,715	948	1,143	90,077	1,061	73,363	22,420	22,708	-480	1,103	337,059
Year 2015											
January	132,742	1,953	1,039	101,330	1,086	74,270	24,459	23,448	-528	1,063	360,863
February	127,087	5,237	1,115	91,013	1,020	63,462	22,590	22,830	-416	915	334,851
Year to Date											
2013	261,652	2,863	1,909	168,842	2,112	132,889	45,247	41,849	-785	2,118	658,695
2014	300,954	7,906	2,122	166,375	1,703	135,703	39,085	46,660	-735	1,886	701,660
2015	259,828	7,190	2,155	192,343	2,106	137,732	47,048	46,278	-944	1,979	695,714
Rolling 12 Months Ending in February											
2014	1,620,417	18,863	13,557	1,122,369	12,444	791,830	262,403	258,319	-4,631	13,356	4,108,928
2015	1,544,571	17,991	11,814	1,147,895	11,981	799,096	266,712	280,678	-6,418	12,668	4,086,989

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
Other includes non-biogenic municipal solid waste, batteries, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
See Glossary for definitions. Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report; and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 1.1.A. Net Generation from Renewable Sources: Total (All Sectors), 2005-February 2015
(Thousand Megawatthours)

Period	Wind	Solar Photovoltaic	Solar Thermal	Wood and Wood-Derived Fuels	Landfill Gas	Biogenic Municipal Solid Waste	Other Waste Biomass	Geothermal	Conventional Hydroelectric	Total Renewable Sources
Annual Totals										
2005	17,811	16	535	38,856	5,142	8,330	1,948	14,692	270,321	357,651
2006	26,589	15	493	38,762	5,677	8,478	1,944	14,568	289,246	385,772
2007	34,450	16	596	39,014	6,158	8,304	2,063	14,637	247,510	352,747
2008	55,363	76	788	37,300	7,156	8,097	2,481	14,840	254,831	380,932
2009	73,886	157	735	36,050	7,924	8,058	2,461	15,009	273,445	417,724
2010	94,652	423	789	37,172	8,377	7,927	2,613	15,219	260,203	427,376
2011	120,177	1,012	806	37,449	9,044	7,354	2,824	15,316	319,355	513,336
2012	140,822	3,451	876	37,799	9,803	7,320	2,700	15,562	276,240	494,573
2013	167,840	8,121	915	40,028	10,658	7,186	2,986	15,775	268,565	522,073
2014	181,791	15,874	2,447	43,050	10,966	7,388	2,915	16,628	258,749	539,809
Year 2013										
January	14,739	299	11	3,400	870	579	239	1,382	24,829	46,347
February	14,076	387	45	3,083	782	507	213	1,236	20,418	40,749
March	15,756	547	72	3,300	917	601	240	1,378	20,534	43,345
April	17,476	573	93	2,863	848	576	256	1,274	25,097	49,058
May	16,239	649	104	3,174	923	620	238	1,308	28,450	51,704
June	13,748	749	122	3,330	890	617	221	1,278	27,384	48,338
July	11,094	743	85	3,536	911	640	246	1,337	27,255	45,847
August	9,634	845	99	3,634	962	628	258	1,322	21,633	39,015
Sept	11,674	874	75	3,353	884	597	235	1,299	16,961	35,952
October	13,635	875	112	3,341	863	606	262	1,363	17,199	38,256
November	15,803	775	49	3,407	888	594	283	1,230	17,677	40,707
December	13,967	804	46	3,606	920	621	296	1,366	21,128	42,754
Year 2014										
January	18,017	762	54	3,701	895	584	273	1,419	21,636	47,341
February	13,976	813	83	3,327	766	499	218	1,272	17,449	38,404
March	17,753	1,230	182	3,637	936	626	240	1,400	24,219	50,224
April	18,731	1,406	227	3,251	927	614	242	1,378	25,053	51,829
May	15,519	1,583	293	3,418	920	634	228	1,401	26,406	50,400
June	15,688	1,689	347	3,675	920	623	224	1,360	25,814	50,340
July	12,105	1,581	263	3,838	976	664	247	1,384	24,260	45,319
August	10,197	1,652	262	3,784	967	665	232	1,382	19,757	38,898
Sept	11,479	1,613	259	3,525	908	622	221	1,368	15,933	35,927
October	14,575	1,446	233	3,508	918	616	274	1,397	17,088	40,057
November	19,055	1,209	148	3,594	912	624	262	1,424	18,712	45,940
December	14,696	890	95	3,793	921	617	254	1,443	22,420	45,129
Year 2015										
January	15,258	1,114	59	3,752	935	609	274	1,448	24,459	47,907
February	14,964	1,470	163	3,379	777	512	233	1,330	22,590	45,419
Year to Date										
2013	28,814	686	57	6,483	1,652	1,086	453	2,618	45,247	87,096
2014	31,993	1,575	137	7,028	1,661	1,083	492	2,691	39,085	85,745
2015	30,222	2,584	223	7,131	1,712	1,121	507	2,777	47,048	93,326
Rolling 12-Month Ending in February										
2014	171,018	9,010	995	40,573	10,667	7,183	3,026	15,848	262,403	520,723
2015	180,021	16,883	2,533	43,153	11,017	7,425	2,931	16,715	266,712	547,390

Wood and Wood-derived fuels include wood/wood waste solids (including paper pellets, railroad ties, utility poles, wood chips, bark, and wood waste solids), wood waste liquids (red liquor, sludge wood, spent sulfite liquor, and other wood-based liquids), and black liquor.
Other Waste Biomass includes sludge waste, agricultural byproducts, other biomass solids, other biomass liquids, and other biomass gases (including digester gases, methane, and other biomass gases).
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
See Glossary for definitions. Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms..
Totals may not equal sum of components because of independent rounding. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report; and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 1.2. Net Generation by Energy Source: Electric Utilities, 2005-February 2015
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Renewable Sources Excluding Hydroelectric	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
2005	1,484,855	58,572	11,150	238,204	10	436,296	245,553	4,945	-5,383	643	2,474,846
2006	1,471,421	31,269	9,634	282,088	30	425,341	261,864	6,588	-5,281	700	2,483,656
2007	1,490,985	33,325	7,395	313,785	141	427,555	226,734	8,953	-5,328	586	2,504,131
2008	1,466,395	22,206	5,918	320,190	46	424,256	229,645	11,308	-5,143	545	2,475,367
2009	1,322,092	18,035	7,182	349,166	96	417,275	247,198	14,617	-3,369	483	2,372,776
2010	1,378,028	17,258	8,807	392,616	52	424,843	236,104	17,927	-4,466	462	2,471,632
2011	1,301,107	11,688	9,428	414,843	29	415,298	291,413	21,933	-5,492	604	2,460,851
2012	1,146,480	9,892	5,664	504,958	0	394,823	252,936	28,017	-4,202	603	2,339,172
2013	1,188,452	9,446	9,522	501,427	798	406,114	243,040	32,417	-3,773	615	2,388,058
2014	1,199,986	11,133	9,059	477,417	92	419,773	234,788	34,359	-5,179	472	2,381,901
Year 2013											
January	103,536	1,018	700	39,880	71	36,748	22,563	2,966	-404	45	207,123
February	91,384	723	616	36,248	63	31,144	18,316	2,704	-270	47	180,975
March	97,675	755	687	37,661	59	31,426	18,349	2,846	-382	54	189,129
April	84,352	744	574	33,545	38	28,991	22,654	3,053	-232	42	173,761
May	90,053	785	1,035	36,891	61	32,977	25,924	2,836	-260	52	190,354
June	104,679	751	966	45,152	68	34,504	24,686	2,446	-261	43	213,033
July	114,402	950	976	52,966	66	36,733	24,705	2,245	-238	62	232,867
August	113,917	794	952	55,077	76	37,177	19,864	2,057	-417	60	229,557
Sept	99,056	664	905	45,845	75	34,459	15,422	2,591	-347	49	198,719
October	91,694	699	759	39,850	61	31,605	15,619	2,682	-307	51	182,713
November	92,146	731	609	36,703	78	32,939	15,975	3,085	-331	56	181,991
December	105,558	832	743	41,610	81	37,412	18,964	2,907	-326	55	207,837
Year 2014											
January	118,756	2,540	949	39,048	12	38,748	19,221	3,380	-218	30	222,467
February	106,949	1,077	706	31,214	7	32,937	15,644	2,736	-361	18	190,928
March	101,101	1,059	953	33,165	7	32,612	22,169	3,381	-355	41	194,132
April	80,172	715	572	32,854	18	30,312	22,652	3,394	-301	37	170,426
May	90,887	743	825	40,037	10	33,760	23,871	2,758	-541	42	192,393
June	106,951	672	885	42,573	3	35,898	23,625	2,762	-557	49	212,861
July	115,276	747	782	48,294	4	38,031	22,294	2,384	-445	52	227,419
August	114,968	759	770	52,289	4	37,182	17,991	2,017	-740	43	225,282
Sept	96,050	760	712	44,127	3	35,296	14,524	2,342	-461	40	193,394
October	84,811	681	456	40,176	3	32,017	15,434	2,914	-351	31	176,172
November	88,975	683	572	35,311	7	34,552	17,102	3,526	-441	45	180,332
December	95,090	698	879	38,330	13	38,428	20,259	2,764	-409	43	196,094
Year 2015											
January	99,479	1,170	804	43,606	24	39,377	22,308	3,092	-436	43	209,464
February	95,374	2,051	869	40,691	22	33,478	20,883	2,921	-347	40	195,982
Year to Date											
2013	194,920	1,741	1,317	76,128	135	67,892	40,878	5,670	-674	92	388,098
2014	225,705	3,617	1,655	70,262	19	71,685	34,865	6,116	-579	48	413,395
2015	194,853	3,221	1,673	84,297	46	72,854	43,191	6,013	-783	82	405,447
Rolling 12 Months Ending in February											
2014	1,219,237	11,322	9,860	495,562	682	409,908	237,027	32,863	-3,678	571	2,413,355
2015	1,169,135	10,737	9,077	491,452	119	420,942	243,113	34,255	-5,383	506	2,373,952

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
Other includes non-biogenic municipal solid waste, batteries, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
See Glossary for definitions. Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report; and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report;
Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 1.3. Net Generation by Energy Source: Independent Power Producers, 2005-February 2015
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Renewable Sources Excluding Hydroelectric	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
2005	507,199	37,096	9,664	445,625	3,767	345,690	21,486	51,708	-1,174	6,285	1,427,346
2006	498,316	10,396	8,409	452,329	4,223	361,877	24,390	59,345	-1,277	6,412	1,424,421
2007	507,406	13,645	6,942	500,967	3,901	378,869	19,109	65,751	-1,569	6,191	1,501,212
2008	502,442	8,021	6,737	482,182	3,154	381,952	23,451	85,776	-1,145	6,414	1,498,982
2009	419,031	6,306	4,288	491,839	2,962	381,579	24,308	101,860	-1,259	6,146	1,437,061
2010	449,709	5,117	3,497	508,774	2,915	382,126	22,351	120,956	-1,035	6,345	1,500,754
2011	416,783	3,655	3,431	511,447	2,911	374,906	26,117	141,954	-928	7,059	1,487,335
2012	354,076	2,757	1,758	627,833	2,984	374,509	20,923	160,064	-748	7,030	1,551,186
2013	379,270	3,761	1,780	527,522	3,524	382,902	22,018	189,045	-908	6,742	1,515,657
2014	371,882	6,732	1,408	551,976	3,852	377,295	21,221	213,991	-1,030	6,740	1,554,067
Year 2013											
January	33,416	635	149	40,509	313	34,658	1,938	15,836	-61	545	127,938
February	31,100	346	132	36,722	261	30,340	1,736	15,140	-50	497	116,224
March	31,794	187	151	39,104	259	31,522	1,878	17,310	-80	574	122,699
April	26,434	206	144	37,081	284	27,776	2,189	18,463	-60	528	113,045
May	28,327	228	101	39,353	306	29,871	2,194	17,795	-74	574	118,674
June	32,481	241	141	46,520	280	31,926	2,365	15,810	-97	586	130,253
July	37,252	460	167	58,993	315	33,807	2,224	13,523	-103	605	147,241
August	34,371	239	211	57,526	300	34,167	1,525	12,505	-47	587	141,386
Sept	32,990	262	141	48,349	298	31,340	1,297	13,773	-92	561	128,919
October	28,248	202	149	41,022	343	31,578	1,339	15,695	-66	558	119,069
November	27,712	212	144	39,663	289	32,037	1,494	17,275	-82	554	119,297
December	35,144	544	151	42,679	274	33,881	1,839	15,919	-95	574	130,911
Year 2014											
January	37,261	3,280	110	43,590	318	34,316	2,056	19,544	-72	538	140,941
February	35,493	689	123	36,915	252	29,702	1,547	15,730	-84	472	120,838
March	34,439	917	130	36,867	258	29,785	1,833	19,873	-66	587	124,624
April	28,382	163	142	36,595	232	26,072	2,209	20,694	-77	528	114,941
May	27,050	192	126	41,279	352	29,187	2,327	18,500	-95	575	119,493
June	29,909	199	107	48,415	320	32,240	1,983	18,999	-96	570	132,647
July	33,485	233	127	58,202	335	33,909	1,783	15,758	-100	594	144,326
August	32,728	249	121	61,449	358	33,946	1,552	14,299	-101	597	145,198
Sept	29,301	157	144	54,485	363	32,238	1,213	15,009	-81	557	133,385
October	25,997	205	51	49,653	375	30,374	1,424	17,413	-97	569	125,963
November	29,323	245	88	40,990	337	30,589	1,374	21,050	-90	578	124,483
December	28,515	203	139	43,535	352	34,935	1,919	17,122	-71	576	127,227
Year 2015											
January	32,201	682	129	49,491	350	34,893	1,881	17,545	-92	566	137,647
February	30,669	3,008	133	43,256	381	29,984	1,483	17,417	-69	479	126,739
Year to Date											
2013	64,516	980	281	77,232	575	64,997	3,674	30,976	-111	1,042	244,162
2014	72,754	3,968	233	80,505	569	64,018	3,604	35,275	-156	1,010	261,780
2015	62,870	3,690	262	92,747	730	64,878	3,364	34,962	-161	1,045	264,386
Rolling 12 Months Ending in February											
2014	387,508	6,749	1,733	530,795	3,519	381,923	21,948	193,343	-953	6,709	1,533,274
2015	361,998	6,454	1,436	564,218	4,013	378,155	20,981	213,678	-1,035	6,775	1,556,674

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
Other includes non-biogenic municipal solid waste, batteries, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
See Glossary for definitions. Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report; and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report;
Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 1.4. Net Generation by Energy Source: Commerical Sector, 2005-February 2015
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Renewable Sources Excluding Hydroelectric	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
2005	1,353	368	7	4,249	0	0	86	1,673	0	756	8,492
2006	1,310	228	7	4,355	0	0	93	1,619	0	758	8,371
2007	1,371	180	9	4,257	0	0	77	1,614	0	764	8,273
2008	1,261	136	6	4,188	0	0	60	1,555	0	720	7,926
2009	1,096	157	5	4,225	0	0	71	1,769	0	842	8,165
2010	1,111	117	7	4,725	3	0	80	1,714	0	834	8,592
2011	1,049	86	3	5,487	3	0	26	2,476	0	950	10,080
2012	883	191	6	6,603	0	0	28	2,545	0	1,046	11,301
2013	839	118	5	7,154	0	0	44	2,956	0	1,118	12,234
2014	750	248	9	7,227	0	0	42	3,218	0	1,212	12,706
Year 2013											
January	89	19	1	562	0	0	4	222	0	85	981
February	81	14	1	512	0	0	4	202	0	74	888
March	78	7	1	574	0	0	4	241	0	90	995
April	63	7	0	541	0	0	4	235	0	95	946
May	69	8	0	546	0	0	5	256	0	97	981
June	75	7	0	593	0	0	5	253	0	93	1,026
July	76	13	0	779	0	0	5	263	0	100	1,236
August	71	7	1	697	0	0	4	267	0	101	1,147
Sept	60	6	1	652	0	0	3	252	0	99	1,073
October	49	7	1	550	0	0	2	258	0	96	961
November	60	8	0	525	0	0	2	248	0	92	936
December	68	16	1	623	0	0	3	259	0	95	1,064
Year 2014											
January	97	NM	1	638	0	0	NM	263	0	94	1,202
February	95	NM	1	579	0	0	NM	222	0	79	1,009
March	82	NM	1	582	0	0	NM	267	0	96	1,066
April	60	9	1	538	0	0	NM	277	0	103	992
May	52	9	0	548	0	0	NM	273	0	102	988
June	62	8	0	584	0	0	NM	285	0	103	1,045
July	64	9	0	653	0	0	NM	297	0	112	1,139
August	50	NM	1	679	0	0	NM	293	0	115	1,150
Sept	45	8	1	634	0	0	NM	274	0	109	1,073
October	32	8	1	616	0	0	NM	264	0	102	1,027
November	51	9	1	574	0	0	NM	251	0	97	986
December	59	11	1	601	0	0	NM	253	0	101	1,030
Year 2015											
January	57	NM	1	605	0	0	NM	260	0	94	1,050
February	74	NM	1	532	0	0	NM	242	0	84	1,025
Year to Date											
2013	169	34	2	1,074	0	0	8	423	0	159	1,869
2014	193	134	2	1,217	0	0	NM	485	0	173	2,211
2015	130	NM	2	1,137	0	0	NM	502	0	178	2,075
Rolling 12 Months Ending in February											
2014	862	NM	5	7,297	0	0	NM	3,017	0	1,132	12,575
2015	688	NM	9	7,147	0	0	NM	3,235	0	1,217	12,570

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
Other includes non-biogenic municipal solid waste, batteries, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
See Glossary for definitions. Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report; and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report;
Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 1.5. Net Generation by Energy Source: Industrial Sector, 2005-February 2015
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Renewable Sources Excluding Hydroelectric	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
2005	19,466	3,804	1,564	72,882	9,687	0	3,195	29,003	0	5,137	144,739
2006	19,464	2,567	1,656	77,669	9,923	0	2,899	28,972	0	5,103	148,254
2007	16,694	2,355	1,889	77,580	9,411	0	1,590	28,919	0	4,690	143,128
2008	15,703	1,555	1,664	76,421	8,507	0	1,676	27,462	0	4,125	137,113
2009	13,686	1,474	1,489	75,748	7,574	0	1,868	26,033	0	4,457	132,329
2010	18,441	844	1,414	81,583	8,343	0	1,668	26,576	0	5,214	144,082
2011	14,490	657	1,234	81,911	8,624	0	1,799	27,619	0	5,541	141,875
2012	12,603	563	2,359	86,500	8,913	0	2,353	27,707	0	5,108	146,107
2013	12,554	495	2,036	88,733	8,531	0	3,463	29,091	0	5,113	150,015
2014	13,078	594	1,305	85,307	7,634	0	2,698	29,492	0	4,152	144,261
Year 2013											
January	1,064	61	192	7,608	759	0	324	2,494	0	423	12,924
February	983	47	118	6,801	644	0	363	2,285	0	402	11,642
March	1,086	42	169	7,387	752	0	302	2,413	0	425	12,576
April	986	37	173	6,869	698	0	250	2,210	0	358	11,580
May	1,063	46	209	7,025	721	0	328	2,367	0	387	12,147
June	1,048	36	201	7,351	699	0	328	2,445	0	402	12,511
July	1,138	36	211	8,033	767	0	320	2,563	0	434	13,502
August	1,066	36	208	7,856	767	0	240	2,553	0	468	13,195
Sept	1,004	33	175	7,218	714	0	239	2,375	0	473	12,230
October	1,005	37	166	7,165	667	0	239	2,423	0	481	12,182
November	1,022	37	98	7,395	694	0	206	2,422	0	442	12,317
December	1,089	47	118	8,025	650	0	322	2,541	0	417	13,210
Year 2014											
January	1,202	117	122	7,650	613	0	354	2,517	0	347	12,921
February	1,101	70	110	6,741	502	0	255	2,267	0	308	11,354
March	1,159	74	131	7,336	582	0	212	2,484	0	312	12,290
April	978	NM	97	6,741	534	0	187	2,411	0	324	11,294
May	1,044	32	105	6,650	575	0	203	2,463	0	352	11,425
June	1,138	41	121	6,869	638	0	203	2,480	0	347	11,839
July	1,182	35	119	7,433	730	0	179	2,620	0	350	12,649
August	1,136	48	117	7,432	702	0	211	2,532	0	382	12,561
Sept	1,088	38	95	7,050	738	0	193	2,369	0	365	11,935
October	998	30	72	6,679	656	0	228	2,378	0	357	11,397
November	1,002	51	92	7,115	668	0	233	2,402	0	325	11,887
December	1,051	37	124	7,611	695	0	240	2,569	0	382	12,708
Year 2015											
January	1,005	71	105	7,628	713	0	266	2,552	0	361	12,702
February	970	89	112	6,534	617	0	221	2,250	0	313	11,104
Year to Date											
2013	2,047	108	310	14,409	1,402	0	687	4,779	0	825	24,566
2014	2,302	187	232	14,391	1,115	0	609	4,784	0	656	24,275
2015	1,975	160	217	14,162	1,330	0	487	4,801	0	674	23,806
Rolling 12 Months Ending in February											
2014	12,809	573	1,959	88,715	8,243	0	3,385	29,096	0	4,944	149,723
2015	12,751	NM	1,291	85,078	7,849	0	2,577	29,509	0	4,170	143,792

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
Other includes non-biogenic municipal solid waste, batteries, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
See Glossary for definitions. Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report; and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report;
Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 1.6.A. Net Generation
by State, by Sector, February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	9,494	8,684	9.3%	637	504	8,393	7,765	140	109	324	306
Connecticut	3,250	2,762	17.7%	NM	NM	3,179	2,684	NM	NM	NM	NM
Maine	1,308	1,037	26.2%	NM	NM	1,025	778	NM	17	266	242
Massachusetts	2,537	2,542	-0.2%	82	67	2,376	2,409	NM	51	NM	NM
New Hampshire	1,887	1,492	26.5%	472	353	1,398	1,129	NM	NM	NM	NM
Rhode Island	347	278	25.0%	1	1	331	270	NM	NM	0	0
Vermont	164	574	-71.4%	80	79	83	494	NM	NM	0	0
Middle Atlantic	35,585	35,445	0.4%	2,815	2,715	32,228	32,205	177	164	365	361
New Jersey	5,920	5,518	7.3%	-6	-13	5,819	5,438	51	44	NM	48
New York	11,147	11,116	0.3%	2,790	2,667	8,179	8,268	100	97	79	84
Pennsylvania	18,518	18,811	-1.6%	32	61	18,229	18,498	NM	23	231	229
East North Central	54,048	51,315	5.3%	28,369	28,081	24,670	22,302	166	175	844	757
Illinois	16,141	16,278	-0.8%	803	920	15,063	15,088	NM	61	221	209
Indiana	9,854	10,457	-5.8%	8,443	9,353	1,148	896	NM	19	244	189
Michigan	9,781	8,266	18.3%	7,206	6,631	2,385	1,441	65	70	126	125
Ohio	12,669	11,386	11.3%	8,033	7,623	4,542	3,675	NM	NM	80	73
Wisconsin	5,603	4,928	13.7%	3,884	3,554	1,533	1,202	NM	11	173	161
West North Central	28,520	28,852	-1.2%	24,612	25,020	3,464	3,378	54	55	391	398
Iowa	5,395	5,051	6.8%	4,097	3,794	1,082	1,036	NM	25	193	196
Kansas	3,655	4,177	-12.5%	2,884	3,467	762	704	0	0	NM	NM
Minnesota	4,918	4,870	1.0%	4,008	3,940	763	777	NM	16	129	136
Missouri	7,511	7,545	-0.5%	7,374	7,436	120	89	11	13	NM	NM
Nebraska	3,070	3,291	-6.7%	2,771	3,101	262	152	NM	NM	36	37
North Dakota	3,086	3,159	-2.3%	2,778	2,719	292	425	NM	NM	NM	14
South Dakota	885	760	16.5%	701	565	184	195	NM	NM	0	0
South Atlantic	66,786	62,125	7.5%	54,464	51,092	10,836	9,456	125	105	1,360	1,472
Delaware	541	524	3.2%	NM	NM	461	469	NM	NM	76	53
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	16,767	15,888	5.5%	15,469	14,844	917	664	NM	NM	373	375
Georgia	10,377	9,463	9.7%	8,759	8,710	1,292	386	NM	NM	323	365
Maryland	3,389	3,334	1.7%	NM	NM	3,301	3,254	NM	NM	27	34
North Carolina	11,705	10,405	12.5%	10,388	9,339	1,121	853	23	19	174	195
South Carolina	8,305	7,882	5.4%	8,027	7,683	138	34	NM	NM	140	164
Virginia	7,893	6,988	13.0%	6,491	5,581	1,225	1,201	28	30	149	177
West Virginia	7,803	7,636	2.2%	5,324	4,931	2,381	2,596	0	0	98	109
East South Central	33,264	30,022	10.8%	27,946	26,844	4,452	2,283	NM	NM	849	878
Alabama	12,223	11,279	8.4%	8,832	9,309	3,066	1,628	0	0	325	342
Kentucky	8,469	8,311	1.9%	8,399	8,243	20	18	0	0	49	49
Mississippi	5,730	3,797	50.9%	4,131	2,939	1,350	625	NM	NM	248	231
Tennessee	6,843	6,635	3.1%	6,584	6,352	16	11	NM	NM	227	256
West South Central	52,780	51,362	2.8%	17,337	19,579	29,820	26,214	77	70	5,547	5,498
Arkansas	4,850	5,169	-6.2%	2,988	4,074	1,699	949	NM	NM	163	146
Louisiana	8,423	7,940	6.1%	4,424	3,543	1,834	2,171	NM	15	2,149	2,211
Oklahoma	6,142	5,789	6.1%	4,152	4,534	1,938	1,198	NM	NM	NM	56
Texas	33,366	32,463	2.8%	5,773	7,428	24,349	21,896	59	54	3,185	3,085
Mountain	25,987	28,312	-8.2%	20,349	21,928	5,430	6,139	NM	37	180	208
Arizona	6,562	7,691	-14.7%	5,841	6,557	712	1,122	NM	12	0	0
Colorado	4,091	4,433	-7.7%	3,046	3,504	1,038	921	NM	NM	NM	NM
Idaho	1,229	1,160	6.0%	867	651	320	467	0	0	42	42
Montana	2,172	2,265	-4.1%	573	414	1,598	1,850	0	0	NM	NM
Nevada	2,641	2,646	-0.2%	1,751	1,712	883	916	NM	8	NM	NM
New Mexico	2,277	2,552	-10.8%	1,791	2,152	483	394	NM	NM	NM	NM
Utah	3,218	3,282	-2.0%	3,076	3,079	119	153	NM	7	NM	44
Wyoming	3,798	4,284	-11.3%	3,405	3,860	276	316	0	0	117	107
Pacific Contiguous	27,042	26,702	1.3%	18,559	14,242	7,093	10,811	184	225	1,206	1,423
California	12,215	13,997	-12.7%	4,991	4,409	5,995	8,117	174	214	1,054	1,256
Oregon	4,982	4,880	2.1%	4,167	3,437	759	1,381	NM	8	50	54
Washington	9,846	7,824	25.8%	9,401	6,396	339	1,313	NM	NM	102	113
Pacific Noncontiguous	1,343	1,309	2.6%	894	923	353	284	57	51	39	51
Alaska	519	523	-0.8%	466	468	20	20	26	26	NM	9
Hawaii	824	786	4.9%	428	454	333	265	32	25	31	42
U.S. Total	334,851	324,128	3.3%	195,982	190,928	126,739	120,838	1,025	1,009	11,104	11,354

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.6.B. Net Generation

by State, by Sector, Year-to-Date through February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	19,195	19,089	0.6%	1,152	1,182	17,146	16,946	255	265	641	695
Connecticut	6,742	5,822	15.8%	NM	13	6,594	5,657	NM	57	NM	95
Maine	2,567	2,488	3.2%	NM	NM	2,010	1,889	36	36	521	562
Massachusetts	4,874	5,524	-11.8%	115	186	4,613	5,180	115	127	NM	NM
New Hampshire	3,982	3,331	19.5%	866	806	3,088	2,495	NM	NM	NM	NM
Rhode Island	680	683	-0.4%	2	NM	656	661	NM	NM	0	0
Vermont	350	1,241	-71.8%	163	175	186	1,064	NM	NM	0	0
Middle Atlantic	74,196	74,442	-0.3%	5,908	5,770	67,170	67,543	359	358	759	771
New Jersey	12,139	11,519	5.4%	-15	-30	11,943	11,346	100	90	111	112
New York	22,962	23,684	-3.0%	5,825	5,613	16,764	17,681	206	215	167	174
Pennsylvania	39,095	39,239	-0.4%	99	186	38,463	38,515	53	53	480	485
East North Central	111,010	112,702	-1.5%	57,680	61,337	51,270	49,366	340	373	1,721	1,625
Illinois	34,113	35,400	-3.6%	1,682	2,041	31,870	32,791	113	123	449	445
Indiana	20,013	22,302	-10.3%	17,244	19,836	2,213	1,994	NM	43	519	429
Michigan	19,657	18,359	7.1%	14,604	14,486	4,662	3,454	135	152	255	268
Ohio	25,431	25,259	0.7%	15,848	16,509	9,390	8,563	NM	NM	163	157
Wisconsin	11,797	11,381	3.7%	8,301	8,465	3,136	2,564	NM	25	335	327
West North Central	59,301	61,269	-3.2%	51,062	52,568	7,361	7,744	106	117	773	840
Iowa	10,833	10,672	1.5%	8,172	7,875	2,236	2,326	43	53	382	419
Kansas	7,691	8,896	-13.5%	6,059	7,212	1,612	1,672	0	0	NM	NM
Minnesota	10,200	10,171	0.3%	8,336	8,096	1,572	1,754	36	37	256	284
Missouri	15,680	16,334	-4.0%	15,384	16,044	260	249	23	24	NM	16
Nebraska	6,461	6,847	-5.6%	5,823	6,413	565	354	NM	3	70	77
North Dakota	6,555	6,712	-2.3%	5,816	5,737	708	943	NM	NM	31	32
South Dakota	1,881	1,637	14.9%	1,472	1,192	409	446	NM	NM	0	0
South Atlantic	136,120	137,100	-0.7%	111,386	112,471	21,492	21,222	242	235	3,000	3,172
Delaware	1,189	1,126	5.6%	NM	NM	1,011	1,003	NM	NM	171	116
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	34,946	34,949	0.0%	32,298	32,388	1,814	1,740	NM	11	819	811
Georgia	21,310	21,553	-1.1%	17,922	19,561	2,656	1,196	5	5	726	791
Maryland	6,664	7,552	-11.8%	NM	NM	6,492	7,368	NM	102	63	72
North Carolina	23,652	23,644	0.0%	20,856	21,212	2,377	1,946	43	42	376	444
South Carolina	17,016	17,371	-2.0%	16,488	16,889	231	130	NM	NM	296	350
Virginia	15,631	15,308	2.1%	13,158	12,414	2,064	2,460	63	63	346	371
West Virginia	15,701	15,587	0.7%	10,652	9,991	4,846	5,379	0	0	203	216
East South Central	68,222	67,142	1.6%	57,280	59,012	9,101	6,186	NM	NM	1,805	1,908
Alabama	25,699	25,570	0.5%	18,377	20,273	6,624	4,545	0	0	698	753
Kentucky	16,644	17,596	-5.4%	16,501	17,437	38	55	0	0	105	104
Mississippi	11,292	9,174	23.1%	8,366	7,127	2,406	1,561	NM	NM	516	483
Tennessee	14,587	14,801	-1.4%	14,036	14,175	33	26	NM	NM	486	568
West South Central	111,238	110,052	1.1%	36,570	41,009	62,447	57,170	162	148	12,060	11,725
Arkansas	9,402	10,807	-13.0%	6,229	8,209	2,839	2,291	NM	NM	333	306
Louisiana	17,859	17,532	1.9%	9,468	8,111	3,684	4,679	NM	32	4,675	4,709
Oklahoma	12,560	12,374	1.5%	8,486	9,306	3,961	2,943	NM	NM	108	124
Texas	71,417	69,340	3.0%	12,387	15,384	51,963	47,257	124	113	6,943	6,586
Mountain	56,407	59,665	-5.5%	44,224	46,544	11,727	12,582	60	78	397	461
Arizona	14,816	16,738	-11.5%	13,121	14,526	1,675	2,186	NM	26	0	0
Colorado	8,714	9,336	-6.7%	6,482	7,265	2,220	2,055	NM	8	NM	9
Idaho	2,539	2,382	6.6%	1,785	1,368	665	928	0	0	89	86
Montana	4,986	4,605	8.3%	1,160	880	3,824	3,723	0	0	NM	NM
Nevada	5,356	5,403	-0.9%	3,742	3,634	1,585	1,718	NM	16	NM	35
New Mexico	4,803	4,951	-3.0%	3,858	3,973	935	962	NM	15	NM	NM
Utah	6,992	7,174	-2.5%	6,687	6,783	247	280	NM	14	46	97
Wyoming	8,201	9,077	-9.6%	7,388	8,115	576	731	0	0	237	231
Pacific Contiguous	57,302	57,352	-0.1%	38,280	31,514	16,046	22,393	412	486	2,564	2,960
California	26,248	29,660	-11.5%	10,429	9,745	13,178	16,832	392	461	2,250	2,622
Oregon	10,481	10,339	1.4%	8,669	7,388	1,694	2,821	NM	19	104	111
Washington	20,573	17,353	18.6%	19,183	14,381	1,174	2,740	NM	6	210	227
Pacific Noncontiguous	2,722	2,846	-4.4%	1,903	1,987	628	628	104	113	87	118
Alaska	1,110	1,113	-0.3%	1,012	996	41	42	41	54	NM	21
Hawaii	1,612	1,733	-7.0%	892	991	587	586	63	59	70	97
U.S. Total	695,714	701,660	-0.8%	405,447	413,395	264,386	261,780	2,075	2,211	23,806	24,275

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.7.A. Net Generation from Coal
by State, by Sector, February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	1,126	1,183	-4.8%	334	291	780	887	0	0	12	NM
Connecticut	224	221	1.7%	0	0	224	221	0	0	0	0
Maine	20	9	115.9%	0	0	11	7	0	0	10	2
Massachusetts	547	662	-17.3%	0	0	545	659	0	0	NM	NM
New Hampshire	334	291	14.7%	334	291	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	8,357	9,362	-10.7%	NM	NM	8,278	9,275	NM	NM	74	81
New Jersey	446	497	-10.2%	0	0	446	497	0	0	0	0
New York	562	759	-25.9%	NM	NM	535	728	0	0	25	28
Pennsylvania	7,348	8,106	-9.3%	0	0	7,297	8,051	NM	NM	50	53
East North Central	30,438	32,817	-7.2%	21,976	23,932	8,187	8,571	15	33	260	282
Illinois	7,268	7,720	-5.9%	768	908	6,351	6,661	NM	7	145	144
Indiana	7,356	9,054	-18.8%	6,883	8,600	467	441	4	11	NM	NM
Michigan	4,394	4,515	-2.7%	4,331	4,434	34	37	6	14	23	29
Ohio	8,329	8,386	-0.7%	6,973	6,931	1,335	1,431	NM	NM	20	24
Wisconsin	3,091	3,142	-1.6%	3,021	3,060	0	0	NM	NM	70	82
West North Central	18,100	19,322	-6.3%	17,782	18,979	NM	NM	21	27	294	313
Iowa	3,101	3,203	-3.2%	2,911	3,002	0	0	NM	17	177	184
Kansas	1,932	2,466	-21.7%	1,932	2,466	0	0	0	0	0	0
Minnesota	2,416	2,595	-6.9%	2,347	2,519	0	0	0	0	69	76
Missouri	6,212	6,273	-1.0%	6,197	6,254	NM	NM	7	10	NM	NM
Nebraska	1,779	2,161	-17.7%	1,744	2,124	0	0	0	0	35	37
North Dakota	2,399	2,385	0.6%	2,390	2,376	0	0	0	0	NM	NM
South Dakota	261	238	9.7%	261	238	0	0	0	0	0	0
South Atlantic	26,096	28,244	-7.6%	21,323	23,083	4,627	4,948	12	9	135	204
Delaware	192	210	-8.4%	0	0	192	210	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,161	4,435	-28.7%	3,152	4,407	1	13	0	0	NM	NM
Georgia	3,678	4,573	-19.6%	3,660	4,528	0	0	0	0	NM	45
Maryland	2,035	2,054	-1.0%	0	0	2,021	2,036	NM	NM	13	17
North Carolina	4,901	4,971	-1.4%	4,832	4,837	NM	109	11	8	NM	NM
South Carolina	2,568	2,426	5.8%	2,556	2,410	0	0	0	0	11	16
Virginia	2,063	2,298	-10.2%	1,857	2,072	177	185	NM	0	NM	41
West Virginia	7,500	7,276	3.1%	5,266	4,829	2,184	2,394	0	0	49	53
East South Central	14,572	15,909	-8.4%	14,195	15,528	282	271	NM	NM	93	107
Alabama	3,239	4,259	-24.0%	3,226	4,247	0	0	0	0	NM	12
Kentucky	7,516	7,609	-1.2%	7,516	7,609	0	0	0	0	0	0
Mississippi	786	1,049	-25.1%	504	779	282	271	0	0	0	0
Tennessee	3,032	2,992	1.3%	2,950	2,893	0	0	NM	NM	80	96
West South Central	14,824	19,306	-23.2%	7,584	10,356	7,218	8,920	0	0	NM	30
Arkansas	2,132	3,020	-29.4%	1,705	2,587	422	426	0	0	5	6
Louisiana	1,496	1,470	1.8%	732	431	764	1,039	0	0	0	0
Oklahoma	2,079	2,510	-17.2%	1,948	2,364	114	123	0	0	NM	NM
Texas	9,117	12,305	-25.9%	3,199	4,974	5,918	7,332	0	0	0	0
Mountain	13,385	16,103	-16.9%	12,163	14,409	1,173	1,647	0	0	48	47
Arizona	2,219	2,959	-25.0%	2,219	2,959	0	0	0	0	0	0
Colorado	2,680	2,946	-9.0%	2,676	2,939	NM	NM	0	0	NM	NM
Idaho	NM	NM	NM	0	0	0	0	0	0	NM	NM
Montana	1,054	1,437	-26.6%	NM	NM	1,031	1,411	0	0	NM	NM
Nevada	159	724	-78.0%	101	581	58	143	0	0	0	0
New Mexico	1,392	1,756	-20.7%	1,392	1,756	0	0	0	0	0	0
Utah	2,584	2,544	1.5%	2,555	2,514	NM	NM	0	0	0	0
Wyoming	3,289	3,728	-11.8%	3,197	3,634	NM	NM	0	0	39	37
Pacific Contiguous	33	1,248	-97.3%	0	352	NM	868	0	0	29	29
California	31	26	16.9%	0	0	NM	NM	0	0	27	26
Oregon	0	352	-100.0%	0	352	0	0	0	0	0	0
Washington	2	870	-99.7%	0	0	0	867	0	0	2	3
Pacific Noncontiguous	156	145	7.0%	16	16	117	105	21	22	NM	NM
Alaska	53	54	-1.4%	16	16	NM	16	21	22	0	0
Hawaii	103	92	11.9%	0	0	101	89	0	0	NM	NM
U.S. Total	127,087	143,638	-11.5%	95,374	106,949	30,669	35,493	74	95	970	1,101

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.7.B. Net Generation from Coal

by State, by Sector, Year-to-Date through February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	2,247	2,262	-0.7%	656	609	1,570	1,638	0	0	21	15
Connecticut	430	392	9.5%	0	0	430	392	0	0	0	0
Maine	35	25	37.3%	0	0	19	16	0	0	16	10
Massachusetts	1,126	1,236	-8.8%	0	0	1,121	1,230	0	0	NM	NM
New Hampshire	656	609	7.8%	656	609	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	16,642	19,071	-12.7%	NM	NM	16,483	18,891	NM	NM	150	168
New Jersey	749	896	-16.4%	0	0	749	896	0	0	0	0
New York	881	1,594	-44.7%	NM	NM	825	1,528	0	0	51	59
Pennsylvania	15,011	16,581	-9.5%	0	0	14,910	16,467	NM	NM	98	109
East North Central	61,769	70,194	-12.0%	44,951	51,773	16,267	17,780	28	63	524	578
Illinois	14,645	15,988	-8.4%	1,628	1,992	12,716	13,683	8	12	293	301
Indiana	15,257	18,959	-19.5%	14,351	18,023	894	905	9	26	NM	NM
Michigan	8,695	9,571	-9.2%	8,568	9,411	73	79	10	23	44	59
Ohio	16,377	18,139	-9.7%	13,750	14,977	2,584	3,114	NM	NM	43	48
Wisconsin	6,796	7,537	-9.8%	6,654	7,372	0	0	NM	NM	141	165
West North Central	37,340	40,183	-7.1%	36,715	39,466	NM	NM	41	55	579	657
Iowa	6,016	6,333	-5.0%	5,641	5,906	0	0	26	36	349	391
Kansas	4,057	5,073	-20.0%	4,057	5,073	0	0	0	0	0	0
Minnesota	5,043	5,315	-5.1%	4,909	5,159	0	0	0	0	134	156
Missouri	12,967	13,500	-3.9%	12,936	13,461	NM	NM	16	19	NM	15
Nebraska	3,729	4,487	-16.9%	3,661	4,411	0	0	0	0	68	77
North Dakota	5,005	5,011	-0.1%	4,988	4,992	0	0	0	0	NM	19
South Dakota	523	464	12.7%	523	464	0	0	0	0	0	0
South Atlantic	49,791	59,046	-15.7%	40,786	48,361	8,683	10,242	22	20	299	423
Delaware	310	377	-17.7%	0	0	310	377	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	6,231	9,127	-31.7%	6,213	9,082	1	13	0	0	NM	NM
Georgia	6,684	9,569	-30.2%	6,636	9,469	0	0	0	0	48	100
Maryland	3,574	4,383	-18.5%	0	0	3,541	4,345	NM	NM	31	37
North Carolina	8,933	10,657	-16.2%	8,779	10,366	NM	234	20	18	NM	NM
South Carolina	4,978	5,246	-5.1%	4,954	5,209	0	0	0	0	25	36
Virginia	4,009	4,904	-18.3%	3,676	4,483	269	345	NM	0	62	76
West Virginia	15,073	14,782	2.0%	10,529	9,751	4,444	4,929	0	0	99	103
East South Central	29,181	33,227	-12.2%	28,409	32,467	574	520	NM	NM	193	235
Alabama	6,302	8,748	-28.0%	6,275	8,716	0	0	0	0	NM	32
Kentucky	14,958	15,805	-5.4%	14,958	15,805	0	0	0	0	0	0
Mississippi	1,449	2,158	-32.9%	875	1,638	574	520	0	0	0	0
Tennessee	6,472	6,515	-0.7%	6,301	6,307	0	0	NM	NM	166	203
West South Central	32,153	40,216	-20.1%	16,544	21,758	15,561	18,393	0	0	NM	65
Arkansas	3,759	6,093	-38.3%	3,280	5,201	468	879	0	0	11	13
Louisiana	3,374	3,400	-0.8%	1,696	1,155	1,679	2,245	0	0	0	0
Oklahoma	4,454	5,302	-16.0%	4,156	4,965	261	285	0	0	NM	52
Texas	20,565	25,421	-19.1%	7,412	10,437	13,153	14,984	0	0	0	0
Mountain	29,740	33,795	-12.0%	26,727	30,475	2,917	3,223	0	0	96	98
Arizona	5,422	6,875	-21.1%	5,422	6,875	0	0	0	0	0	0
Colorado	5,563	6,118	-9.1%	5,555	6,103	NM	NM	0	0	NM	NM
Idaho	NM	17	NM	0	0	0	0	0	0	NM	17
Montana	2,647	2,779	-4.7%	NM	NM	2,597	2,724	0	0	NM	NM
Nevada	371	1,394	-73.4%	234	1,092	136	302	0	0	0	0
New Mexico	2,963	3,164	-6.4%	2,963	3,164	0	0	0	0	0	0
Utah	5,628	5,659	-0.6%	5,565	5,592	NM	67	0	0	0	0
Wyoming	7,130	7,789	-8.5%	6,941	7,596	NM	116	0	0	77	78
Pacific Contiguous	649	2,626	-75.3%	26	756	563	1,812	0	0	60	59
California	65	52	26.0%	0	0	NM	NM	0	0	56	51
Oregon	26	756	-96.6%	26	756	0	0	0	0	0	0
Washington	559	1,819	-69.3%	0	0	554	1,811	0	0	4	7
Pacific Noncontiguous	316	333	-5.1%	34	34	247	249	31	45	NM	NM
Alaska	97	111	-12.6%	34	34	32	33	31	45	0	0
Hawaii	219	222	-1.4%	0	0	214	217	0	0	NM	NM
U.S. Total	259,828	300,954	-13.7%	194,853	225,705	62,870	72,754	130	193	1,975	2,302

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.8.A. Net Generation from Petroleum Liquids
by State, by Sector, February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	1,557	307	406.6%	140	37	1,336	242	NM	NM	NM	10
Connecticut	375	83	349.9%	NM	NM	372	82	NM	NM	NM	NM
Maine	350	21	NM	NM	NM	323	11	NM	NM	NM	9
Massachusetts	605	133	353.1%	48	31	527	92	NM	NM	NM	NM
New Hampshire	141	56	152.3%	89	4	41	49	NM	NM	NM	NM
Rhode Island	84	13	546.5%	1	1	72	9	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	1,676	458	266.0%	481	223	1,168	219	NM	NM	NM	12
New Jersey	208	17	NM	NM	NM	205	15	NM	NM	NM	NM
New York	1,170	397	195.0%	481	223	667	160	NM	NM	11	10
Pennsylvania	299	45	566.7%	NM	NM	297	43	NM	NM	NM	NM
East North Central	62	86	-28.1%	49	63	10	19	NM	NM	NM	3
Illinois	NM	9	NM	NM	NM	2	7	NM	NM	0	0
Indiana	NM	17	NM	22	17	0	0	NM	NM	2	1
Michigan	8	15	-45.2%	8	14	NM	0	0	0	NM	1
Ohio	NM	40	NM	NM	26	7	13	NM	NM	NM	NM
Wisconsin	2	5	-62.4%	2	5	NM	NM	NM	NM	NM	NM
West North Central	22	47	-54.0%	20	45	1	NM	NM	NM	NM	NM
Iowa	NM	8	NM	NM	8	NM	NM	NM	NM	NM	NM
Kansas	NM	5	NM	NM	5	0	0	0	0	0	0
Minnesota	NM	6	NM	3	5	NM	NM	NM	NM	NM	NM
Missouri	NM	20	NM	NM	20	0	0	NM	NM	0	0
Nebraska	NM	3	NM	NM	3	0	0	0	0	0	0
North Dakota	2	3	-38.9%	2	3	0	0	NM	NM	NM	NM
South Dakota	NM	2	NM	NM	2	NM	NM	NM	NM	0	0
South Atlantic	1,152	207	456.5%	813	124	299	65	NM	NM	NM	12
Delaware	89	14	521.0%	NM	NM	89	14	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	65	18	254.1%	60	16	NM	NM	0	0	NM	NM
Georgia	48	10	375.5%	14	6	27	NM	NM	NM	NM	4
Maryland	90	39	132.9%	NM	NM	66	30	NM	NM	NM	NM
North Carolina	180	20	805.8%	164	17	12	NM	NM	NM	NM	NM
South Carolina	89	16	446.2%	81	15	NM	NM	NM	NM	1	1
Virginia	576	77	644.3%	485	58	88	17	NM	NM	NM	NM
West Virginia	16	12	30.2%	6	10	9	2	0	0	0	0
East South Central	54	45	21.3%	37	42	8	NM	NM	NM	NM	NM
Alabama	NM	10	NM	6	8	8	NM	0	0	NM	NM
Kentucky	NM	6	NM	NM	6	0	0	0	0	0	0
Mississippi	NM	2	NM	NM	2	0	0	0	0	0	0
Tennessee	22	26	-18.1%	21	26	0	0	NM	NM	NM	NM
West South Central	NM	24	NM	7	10	NM	13	NM	NM	NM	NM
Arkansas	5	3	64.2%	4	2	0	1	0	0	0	1
Louisiana	NM	3	NM	NM	1	3	1	0	0	0	0
Oklahoma	NM	1	NM	NM	1	0	0	NM	0	NM	NM
Texas	NM	17	NM	2	6	NM	11	NM	NM	NM	NM
Mountain	19	19	-1.4%	18	17	NM	2	NM	NM	NM	NM
Arizona	5	4	22.1%	5	4	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	NM	2	NM	NM	NM	1	2	0	0	0	0
Nevada	2	1	141.7%	1	1	0	0	0	0	0	0
New Mexico	6	6	0.8%	6	6	NM	NM	0	0	NM	NM
Utah	NM	2	NM	1	2	NM	NM	0	0	NM	NM
Wyoming	3	3	36.4%	3	3	0	0	0	0	NM	NM
Pacific Contiguous	NM	6	NM	NM	4	NM	0	NM	NM	NM	NM
California	NM	3	NM	2	2	NM	NM	NM	NM	NM	NM
Oregon	NM	NM	NM	0	0	0	0	NM	NM	0	0
Washington	NM	2	NM	NM	NM	NM	0	NM	NM	NM	NM
Pacific Noncontiguous	670	667	0.5%	482	512	NM	127	NM	NM	15	28
Alaska	65	64	1.9%	62	61	0	0	NM	NM	3	3
Hawaii	605	603	0.4%	421	451	NM	127	0	0	11	25
U.S. Total	5,237	1,866	180.7%	2,051	1,077	3,008	689	NM	NM	89	70

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.8.B. Net Generation from Petroleum Liquids

by State, by Sector, Year-to-Date through February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	1,815	1,596	13.7%	146	186	1,568	1,307	NM	NM	NM	NM
Connecticut	390	372	5.1%	NM	NM	387	364	NM	NM	NM	NM
Maine	466	193	141.1%	NM	NM	435	170	NM	NM	NM	NM
Massachusetts	701	725	-3.4%	48	101	613	580	NM	NM	NM	NM
New Hampshire	159	238	-33.2%	92	75	52	148	NM	NM	NM	NM
Rhode Island	96	61	57.4%	2	NM	80	45	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	2,123	2,405	-11.7%	684	669	1,391	1,678	NM	NM	NM	NM
New Jersey	261	397	-34.3%	NM	NM	257	387	NM	NM	NM	NM
New York	1,506	1,592	-5.4%	684	668	781	880	NM	NM	25	21
Pennsylvania	357	416	-14.2%	NM	NM	353	411	NM	NM	NM	NM
East North Central	118	223	-47.2%	94	136	18	78	NM	NM	NM	NM
Illinois	9	17	-48.2%	NM	NM	5	12	NM	NM	0	0
Indiana	37	36	3.8%	34	32	0	0	NM	NM	3	3
Michigan	16	31	-49.1%	16	30	NM	0	0	NM	NM	1
Ohio	47	124	-61.8%	NM	58	13	64	NM	NM	NM	NM
Wisconsin	8	14	-43.8%	8	11	NM	3	NM	NM	NM	NM
West North Central	48	90	-47.1%	46	84	NM	6	NM	NM	NM	NM
Iowa	NM	15	NM	NM	15	NM	NM	NM	NM	NM	NM
Kansas	12	NM	NM	12	NM	0	0	0	0	0	0
Minnesota	5	20	-73.8%	3	14	NM	5	NM	NM	NM	NM
Missouri	18	28	-34.3%	18	28	0	0	NM	NM	0	0
Nebraska	3	9	-65.6%	3	9	0	0	0	0	0	0
North Dakota	4	5	-27.4%	4	5	0	0	NM	NM	NM	NM
South Dakota	NM	3	NM	NM	3	NM	NM	NM	NM	0	0
South Atlantic	1,573	1,889	-16.7%	1,100	1,216	406	608	NM	NM	NM	38
Delaware	121	127	-4.2%	NM	NM	121	126	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	164	NM	NM	156	NM	NM	NM	0	0	NM	NM
Georgia	89	97	-8.2%	29	53	46	30	NM	NM	NM	14
Maryland	123	327	-62.3%	NM	NM	90	291	NM	NM	NM	NM
North Carolina	259	274	-5.3%	228	244	19	22	NM	NM	NM	NM
South Carolina	126	170	-25.9%	111	156	NM	11	NM	NM	2	3
Virginia	663	773	-14.2%	553	656	106	111	NM	NM	NM	NM
West Virginia	27	46	-40.7%	18	30	9	16	0	0	0	0
East South Central	94	172	-45.3%	69	150	11	10	NM	NM	NM	NM
Alabama	40	50	-20.9%	16	30	11	10	0	0	NM	NM
Kentucky	NM	21	NM	NM	21	0	0	0	0	0	0
Mississippi	NM	NM	NM	NM	NM	0	0	0	0	1	0
Tennessee	33	97	-66.3%	32	96	0	0	NM	NM	NM	NM
West South Central	52	37	40.1%	28	16	NM	18	NM	NM	NM	NM
Arkansas	11	5	109.9%	7	3	3	1	0	0	0	1
Louisiana	21	NM	NM	14	NM	7	2	0	0	0	1
Oklahoma	NM	NM	NM	NM	1	0	0	NM	NM	NM	NM
Texas	NM	24	NM	6	9	NM	15	NM	NM	NM	NM
Mountain	40	39	2.8%	37	34	2	4	NM	NM	NM	NM
Arizona	11	8	43.7%	11	8	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	NM	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	NM	4	NM	NM	NM	1	3	0	0	0	0
Nevada	4	1	212.9%	3	1	0	0	0	0	0	0
New Mexico	12	12	-3.6%	11	11	NM	NM	0	0	NM	NM
Utah	NM	4	NM	2	4	NM	NM	0	0	NM	NM
Wyoming	7	6	10.0%	7	6	0	0	0	0	NM	NM
Pacific Contiguous	NM	NM	NM	NM	8	2	4	NM	NM	2	NM
California	NM	NM	NM	5	5	2	3	NM	NM	NM	NM
Oregon	NM	NM	NM	0	1	0	0	NM	NM	0	0
Washington	NM	NM	NM	NM	NM	NM	1	NM	NM	1	NM
Pacific Noncontiguous	1,316	1,441	-8.7%	1,012	1,118	266	256	1	NM	37	66
Alaska	145	143	1.6%	136	134	0	0	NM	NM	8	7
Hawaii	1,172	1,299	-9.8%	875	984	266	256	0	0	29	59
U.S. Total	7,190	7,906	-9.1%	3,221	3,617	3,690	3,968	NM	134	160	187

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.9.A. Net Generation from Petroleum Coke
by State, by Sector, February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	NM	NM	NM	0	0	0	0	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	0	0	0	0	NM	NM
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	NM	NM	NM	0	0	0	0	0	0	NM	NM
East North Central	311	188	65.0%	192	74	94	93	0	0	25	20
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	133	27	387.6%	133	27	0	0	0	0	0	0
Michigan	68	50	36.6%	55	36	3	4	0	0	NM	NM
Ohio	92	91	2.2%	0	0	91	89	0	0	NM	NM
Wisconsin	17	21	-15.7%	4	11	0	0	0	0	14	9
West North Central	NM	NM	NM	0	0	0	0	1	1	NM	NM
Iowa	NM	NM	NM	0	0	0	0	1	1	NM	NM
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	174	199	-12.5%	157	179	0	0	0	0	17	20
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	157	179	-12.1%	157	179	0	0	0	0	0	0
Georgia	17	20	-15.5%	0	0	0	0	0	0	17	20
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	109	78	40.6%	109	78	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	109	78	40.6%	109	78	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	458	423	8.2%	412	376	0	0	0	0	47	48
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	447	410	8.9%	412	376	0	0	0	0	35	NM
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	12	13	-12.6%	0	0	0	0	0	0	12	13
Mountain	38	29	30.7%	0	0	38	29	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	38	29	30.7%	0	0	38	29	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	NM	NM	NM	0	0	NM	NM	0	0	0	0
California	NM	NM	NM	0	0	NM	NM	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	1,115	941	18.5%	869	706	133	123	1	1	112	110

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.9.B. Net Generation from Petroleum Coke

by State, by Sector, Year-to-Date through February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	36	37	-2.1%	0	0	0	0	0	0	36	37
New Jersey	NM	NM	NM	0	0	0	0	0	0	NM	NM
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	29	NM	NM	0	0	0	0	0	0	29	NM
East North Central	591	469	26.1%	365	256	181	167	0	0	45	47
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	244	161	52.0%	244	161	0	0	0	0	0	0
Michigan	140	102	36.5%	114	71	6	11	0	0	NM	NM
Ohio	178	159	11.9%	0	0	175	156	0	0	NM	NM
Wisconsin	29	47	-37.4%	7	24	0	0	0	0	23	23
West North Central	NM	NM	NM	0	0	0	0	2	2	NM	NM
Iowa	NM	NM	NM	0	0	0	0	2	2	NM	NM
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	316	421	-25.0%	281	385	0	0	0	0	35	36
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	281	385	-27.1%	281	385	0	0	0	0	0	0
Georgia	35	36	-1.4%	0	0	0	0	0	0	35	36
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	217	194	12.2%	217	194	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	217	194	12.2%	217	194	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	902	923	-2.2%	810	821	0	0	0	0	92	102
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	877	894	-1.9%	810	821	0	0	0	0	67	74
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	25	29	-13.6%	0	0	0	0	0	0	25	29
Mountain	79	65	21.8%	0	0	79	65	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	79	65	21.8%	0	0	79	65	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	NM	NM	NM	0	0	NM	NM	0	0	0	0
California	NM	NM	NM	0	0	NM	NM	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	2,155	2,122	1.5%	1,673	1,655	262	233	2	2	217	232

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.10.A. Net Generation from Natural Gas
by State, by Sector, February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	2,791	2,644	5.6%	10	10	2,625	2,466	NM	67	NM	102
Connecticut	1,107	960	15.3%	0	1	1,045	890	NM	NM	NM	NM
Maine	229	306	-25.0%	0	0	185	262	NM	NM	NM	NM
Massachusetts	896	1,070	-16.3%	10	8	843	1,012	NM	37	NM	NM
New Hampshire	317	56	462.7%	0	0	313	53	NM	NM	NM	NM
Rhode Island	242	251	-3.7%	0	0	239	248	NM	NM	0	0
Vermont	0	0	-32.8%	0	0	0	0	0	0	0	0
Middle Atlantic	9,473	9,407	0.7%	787	889	8,475	8,299	NM	85	NM	134
New Jersey	2,290	2,112	8.5%	NM	NM	2,243	2,063	NM	NM	NM	NM
New York	3,542	3,969	-10.8%	782	886	2,684	3,001	NM	62	NM	NM
Pennsylvania	3,641	3,326	9.5%	NM	NM	3,548	3,235	NM	NM	NM	82
East North Central	7,755	4,747	63.4%	3,270	1,894	4,225	2,627	124	118	136	107
Illinois	731	189	286.7%	29	6	623	100	NM	54	NM	NM
Indiana	1,662	907	83.2%	1,348	666	253	197	NM	NM	NM	39
Michigan	1,624	1,305	24.5%	324	346	1,235	898	37	36	NM	25
Ohio	2,534	1,818	39.4%	1,007	641	1,506	1,158	NM	NM	NM	NM
Wisconsin	1,204	528	128.0%	562	236	608	275	NM	9	NM	9
West North Central	1,211	660	83.4%	1,096	576	64	47	NM	14	NM	23
Iowa	207	49	324.8%	190	38	0	0	NM	NM	NM	NM
Kansas	NM	119	NM	NM	113	0	0	0	0	NM	NM
Minnesota	483	187	159.0%	427	123	37	45	NM	10	NM	9
Missouri	346	281	23.1%	318	279	28	NM	0	0	NM	NM
Nebraska	NM	7	NM	NM	7	0	0	NM	NM	NM	0
North Dakota	NM	NM	NM	2	0	0	0	0	0	NM	NM
South Dakota	62	15	306.2%	62	15	0	0	0	0	0	0
South Atlantic	20,941	14,326	46.2%	16,681	11,556	3,969	2,499	NM	NM	248	230
Delaware	239	284	-15.8%	NM	NM	172	238	0	0	65	45
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	10,429	8,183	27.4%	9,718	7,750	591	326	NM	NM	116	105
Georgia	3,812	2,060	85.1%	2,579	1,691	1,208	331	0	0	25	37
Maryland	184	125	47.0%	0	0	148	88	NM	NM	NM	NM
North Carolina	2,844	1,207	135.5%	1,975	612	855	586	0	0	14	10
South Carolina	911	575	58.2%	790	555	117	17	NM	NM	NM	NM
Virginia	2,476	1,823	35.8%	1,602	900	852	897	NM	NM	21	26
West Virginia	41	62	-33.9%	14	47	27	16	0	0	NM	NM
East South Central	10,020	5,348	87.4%	5,644	3,134	4,123	1,982	NM	NM	238	216
Alabama	4,432	2,487	78.2%	1,322	800	3,037	1,611	0	0	74	77
Kentucky	518	296	74.8%	483	260	20	18	0	0	NM	NM
Mississippi	4,238	2,336	81.4%	3,039	1,866	1,067	354	NM	NM	131	115
Tennessee	831	228	264.7%	801	208	0	0	NM	NM	NM	NM
West South Central	26,387	20,903	26.2%	6,958	5,721	14,597	10,316	70	67	4,761	4,799
Arkansas	1,736	590	194.4%	438	53	1,266	512	NM	NM	31	25
Louisiana	4,698	4,147	13.3%	2,004	1,291	914	983	NM	15	1,765	1,859
Oklahoma	2,872	2,429	18.3%	2,001	1,982	861	439	NM	NM	NM	NM
Texas	17,080	13,737	24.3%	2,515	2,395	11,556	8,382	53	51	2,956	2,908
Mountain	4,838	5,081	-4.8%	3,101	2,910	1,649	2,053	NM	31	66	87
Arizona	1,006	1,365	-26.3%	515	450	484	904	NM	11	0	0
Colorado	646	780	-17.2%	271	434	374	343	0	2	0	NM
Idaho	60	316	-81.1%	NM	165	53	150	0	0	NM	NM
Montana	NM	52	NM	NM	49	NM	NM	0	0	0	0
Nevada	1,863	1,396	33.4%	1,449	932	408	449	NM	NM	0	NM
New Mexico	679	556	22.2%	373	375	303	174	NM	NM	0	0
Utah	493	570	-13.5%	448	501	NM	NM	NM	7	NM	33
Wyoming	49	46	7.7%	NM	NM	NM	NM	0	0	46	41
Pacific Contiguous	7,361	12,055	-38.9%	2,910	4,252	3,527	6,625	103	141	821	1,038
California	6,617	9,552	-30.7%	2,549	2,752	3,159	5,640	96	132	812	1,027
Oregon	484	1,464	-67.0%	149	593	325	859	NM	7	NM	5
Washington	261	1,040	-74.9%	212	907	43	126	NM	NM	4	5
Pacific Noncontiguous	237	279	-15.0%	233	273	0	0	NM	NM	NM	NM
Alaska	237	279	-15.0%	233	273	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	91,013	75,449	20.6%	40,691	31,214	43,256	36,915	532	579	6,534	6,741

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.10.B. Net Generation from Natural Gas

by State, by Sector, Year-to-Date through February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	6,417	5,435	18.1%	14	27	6,075	5,026	129	135	199	247
Connecticut	2,652	1,848	43.5%	0	5	2,523	1,706	NM	NM	NM	92
Maine	542	758	-28.5%	0	0	451	628	NM	NM	NM	126
Massachusetts	1,847	2,101	-12.1%	13	22	1,740	1,979	69	76	NM	NM
New Hampshire	835	136	513.4%	0	0	827	129	NM	NM	NM	NM
Rhode Island	540	591	-8.6%	0	0	534	584	NM	NM	0	0
Vermont	0	0	-0.7%	0	0	0	0	0	0	0	0
Middle Atlantic	20,756	18,818	10.3%	1,873	1,769	18,437	16,614	169	169	277	266
New Jersey	4,830	4,047	19.3%	NM	NM	4,731	3,949	NM	NM	NM	64
New York	7,762	7,771	-0.1%	1,866	1,762	5,734	5,847	124	123	NM	39
Pennsylvania	8,164	7,000	16.6%	NM	NM	7,972	6,818	NM	NM	173	163
East North Central	15,163	10,530	44.0%	6,260	4,090	8,391	5,958	254	256	258	226
Illinois	1,548	839	84.5%	42	34	1,341	636	104	111	NM	58
Indiana	3,082	2,022	52.4%	2,490	1,516	471	411	NM	NM	98	85
Michigan	3,045	2,693	13.1%	700	611	2,215	1,945	78	86	52	51
Ohio	5,220	3,830	36.3%	1,997	1,417	3,181	2,374	NM	NM	NM	NM
Wisconsin	2,268	1,146	97.9%	1,030	512	1,183	592	NM	21	NM	20
West North Central	2,196	1,726	27.3%	2,000	1,492	101	149	NM	33	63	52
Iowa	398	146	172.9%	367	122	0	0	NM	11	NM	14
Kansas	169	281	-39.8%	148	268	0	0	0	0	NM	NM
Minnesota	814	569	43.1%	726	393	49	132	NM	23	NM	21
Missouri	659	661	-0.3%	606	643	52	17	0	0	NM	NM
Nebraska	26	15	70.2%	25	15	0	0	NM	NM	NM	0
North Dakota	NM	NM	NM	2	0	0	0	0	0	NM	NM
South Dakota	126	50	152.6%	126	50	0	0	0	0	0	0
South Atlantic	44,008	33,908	29.8%	35,410	27,260	7,990	6,068	NM	83	523	497
Delaware	717	583	22.9%	NM	NM	565	486	0	0	147	93
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	21,868	18,865	15.9%	20,494	17,584	1,128	1,047	NM	NM	238	230
Georgia	8,114	5,198	56.1%	5,570	4,069	2,495	1,052	0	0	48	77
Maryland	324	274	18.2%	0	0	250	199	NM	66	NM	NM
North Carolina	6,008	3,710	61.9%	4,130	2,323	1,851	1,364	0	0	27	22
South Carolina	1,853	1,466	26.5%	1,659	1,374	187	85	NM	NM	NM	6
Virginia	5,046	3,643	38.5%	3,531	1,791	1,467	1,790	NM	NM	48	61
West Virginia	68	159	-57.4%	21	113	47	46	0	0	NM	NM
East South Central	19,670	14,156	39.0%	10,699	8,065	8,439	5,592	NM	NM	502	468
Alabama	9,479	6,853	38.3%	2,749	2,182	6,572	4,499	0	0	158	171
Kentucky	738	828	-10.8%	666	739	37	53	0	0	NM	NM
Mississippi	7,981	5,573	43.2%	5,872	4,284	1,830	1,039	NM	NM	275	247
Tennessee	1,473	902	63.3%	1,411	861	0	0	NM	NM	34	NM
West South Central	54,901	45,163	21.6%	13,560	11,852	30,769	22,938	149	140	10,423	10,233
Arkansas	3,080	1,601	92.4%	671	153	2,344	1,389	NM	NM	64	58
Louisiana	9,751	9,173	6.3%	4,150	3,087	1,684	2,100	NM	32	3,885	3,954
Oklahoma	5,732	4,876	17.6%	3,913	3,826	1,797	1,031	NM	NM	NM	NM
Texas	36,338	29,514	23.1%	4,826	4,786	24,943	18,418	112	106	6,457	6,204
Mountain	10,667	10,697	-0.3%	6,939	6,401	3,516	4,020	49	68	163	208
Arizona	2,349	2,776	-15.4%	1,048	996	1,283	1,757	NM	23	0	0
Colorado	1,478	1,565	-5.6%	718	908	759	650	0	4	NM	NM
Idaho	386	714	-45.9%	212	379	166	327	0	0	NM	7
Montana	NM	110	NM	NM	105	NM	NM	0	0	0	0
Nevada	3,709	2,969	24.9%	3,040	2,173	644	749	NM	12	NM	35
New Mexico	1,462	1,256	16.4%	850	771	602	470	NM	14	0	NM
Utah	1,083	1,208	-10.3%	973	1,063	NM	NM	NM	14	46	71
Wyoming	102	99	3.8%	NM	NM	NM	NM	0	0	93	90
Pacific Contiguous	18,038	25,362	-28.9%	7,023	8,739	9,029	14,140	238	302	1,748	2,182
California	15,482	19,976	-22.5%	5,571	5,533	7,961	12,001	224	283	1,726	2,159
Oregon	1,644	3,134	-47.5%	657	1,275	967	1,832	NM	15	NM	11
Washington	912	2,253	-59.5%	795	1,931	100	307	NM	NM	12	11
Pacific Noncontiguous	526	580	-9.3%	518	567	0	0	NM	NM	NM	12
Alaska	526	580	-9.3%	518	567	0	0	NM	NM	NM	12
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	192,343	166,375	15.6%	84,297	70,262	92,747	80,505	1,137	1,217	14,162	14,391

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.11.A. Net Generation from Other Gases
by State, by Sector, February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	50	45	11.6%	0	0	0	0	0	0	50	45
New Jersey	18	11	64.7%	0	0	0	0	0	0	18	11
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	33	34	-5.2%	0	0	0	0	0	0	33	34
East North Central	393	263	49.1%	22	7	158	97	0	0	213	160
Illinois	28	17	60.9%	0	0	0	0	0	0	28	17
Indiana	167	131	27.0%	0	0	0	0	0	0	167	131
Michigan	123	68	80.1%	22	7	101	62	0	0	0	0
Ohio	76	47	61.3%	0	0	57	35	0	0	19	NM
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	NM	NM	NM	0	0	0	0	0	0	NM	NM
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	NM	NM	NM	0	0	0	0	0	0	NM	NM
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	14	11	36.8%	0	0	0	0	0	0	14	11
Delaware	11	8	47.0%	0	0	0	0	0	0	11	8
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	-18.4%	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	3	3	10.3%	0	0	0	0	0	0	3	3
East South Central	8	17	-51.2%	0	0	0	0	0	0	8	17
Alabama	8	16	-52.9%	0	0	0	0	0	0	8	16
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	1	1	-23.4%	0	0	0	0	0	0	1	1
West South Central	367	263	39.8%	0	0	191	126	0	0	176	137
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	179	133	34.9%	0	0	91	64	0	0	89	69
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	188	130	44.7%	0	0	101	62	0	0	87	68
Mountain	34	29	15.1%	0	0	1	1	0	0	32	29
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	1	0	--	0	0	1	0	0	0	0	0
Nevada	0	1	-37.3%	0	0	0	1	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	32	29	13.1%	0	0	0	0	0	0	32	29
Pacific Contiguous	146	126	15.7%	0	0	30	28	0	0	116	98
California	116	98	18.3%	0	0	0	0	0	0	116	98
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	30	28	6.7%	0	0	30	28	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	0	0	0	0	0	0	NM	NM
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	NM	NM	NM	0	0	0	0	0	0	NM	NM
U.S. Total	1,020	760	34.2%	22	7	381	252	0	0	617	502

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.11.B. Net Generation from Other Gases

by State, by Sector, Year-to-Date through February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	109	109	-0.6%	0	0	0	0	0	0	109	109
New Jersey	35	29	20.9%	0	0	0	0	0	0	35	29
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	73	80	-8.5%	0	0	0	0	0	0	73	80
East North Central	783	618	26.7%	46	19	285	219	0	0	453	380
Illinois	55	45	21.1%	0	0	0	0	0	0	55	45
Indiana	361	305	18.2%	0	0	0	0	0	0	361	305
Michigan	218	145	49.9%	46	19	172	127	0	0	0	0
Ohio	150	122	22.5%	0	0	112	92	0	0	37	30
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	8	NM	NM	0	0	0	0	0	0	8	NM
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	8	NM	NM	0	0	0	0	0	0	8	NM
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	30	28	6.0%	0	0	0	0	0	0	30	28
Delaware	24	23	1.5%	0	0	0	0	0	0	24	23
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	-35.8%	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	6	5	33.6%	0	0	0	0	0	0	6	5
East South Central	22	34	-35.9%	0	0	0	0	0	0	22	34
Alabama	20	32	-36.4%	0	0	0	0	0	0	20	32
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	2	3	-29.2%	0	0	0	0	0	0	2	3
West South Central	759	579	31.1%	0	0	380	282	0	0	379	297
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	349	283	23.5%	0	0	162	133	0	0	187	149
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	410	296	38.3%	0	0	218	149	0	0	192	147
Mountain	70	64	9.2%	0	0	2	1	0	0	67	63
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	2	0	NM	0	0	2	0	0	0	0	0
Nevada	1	1	-43.8%	0	0	1	1	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	67	63	6.8%	0	0	0	0	0	0	67	63
Pacific Contiguous	320	258	24.1%	0	0	63	67	0	0	257	191
California	257	191	34.8%	0	0	0	0	0	0	257	191
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	63	67	-6.2%	0	0	63	67	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	0	0	0	0	0	0	NM	NM
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	NM	NM	NM	0	0	0	0	0	0	NM	NM
U.S. Total	2,106	1,703	23.7%	46	19	730	569	0	0	1,330	1,115

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.12.A. Net Generation from Nuclear Energy
by State, by Sector, February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	2,507	3,070	-18.3%	0	0	2,507	3,070	0	0	0	0
Connecticut	1,416	1,370	3.4%	0	0	1,416	1,370	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	253	459	-45.0%	0	0	253	459	0	0	0	0
New Hampshire	838	838	-0.1%	0	0	838	838	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	402	-100.0%	0	0	0	402	0	0	0	0
Middle Atlantic	12,833	12,817	0.1%	0	0	12,833	12,817	0	0	0	0
New Jersey	2,803	2,747	2.1%	0	0	2,803	2,747	0	0	0	0
New York	3,480	3,469	0.3%	0	0	3,480	3,469	0	0	0	0
Pennsylvania	6,549	6,601	-0.8%	0	0	6,549	6,601	0	0	0	0
East North Central	12,134	10,729	13.1%	2,265	1,680	9,868	9,049	0	0	0	0
Illinois	7,107	7,418	-4.2%	0	0	7,107	7,418	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	2,814	1,680	67.5%	2,265	1,680	549	0	0	0	0	0
Ohio	1,405	825	70.4%	0	0	1,405	825	0	0	0	0
Wisconsin	808	807	0.0%	0	0	808	807	0	0	0	0
West North Central	3,827	3,989	-4.1%	3,413	3,582	415	407	0	0	0	0
Iowa	415	407	2.0%	0	0	415	407	0	0	0	0
Kansas	787	817	-3.7%	787	817	0	0	0	0	0	0
Minnesota	997	1,058	-5.8%	997	1,058	0	0	0	0	0	0
Missouri	753	834	-9.8%	753	834	0	0	0	0	0	0
Nebraska	876	873	0.4%	876	873	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	15,614	15,970	-2.2%	14,695	15,050	919	920	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2,352	2,453	-4.1%	2,352	2,453	0	0	0	0	0	0
Georgia	2,343	2,200	6.5%	2,343	2,200	0	0	0	0	0	0
Maryland	919	920	-0.1%	0	0	919	920	0	0	0	0
North Carolina	3,119	3,424	-8.9%	3,119	3,424	0	0	0	0	0	0
South Carolina	4,444	4,528	-1.8%	4,444	4,528	0	0	0	0	0	0
Virginia	2,436	2,445	-0.4%	2,436	2,445	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	6,197	5,696	8.8%	6,197	5,696	0	0	0	0	0	0
Alabama	3,484	3,061	13.8%	3,484	3,061	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	586	293	100.2%	586	293	0	0	0	0	0	0
Tennessee	2,127	2,342	-9.2%	2,127	2,342	0	0	0	0	0	0
West South Central	5,387	6,138	-12.2%	1,945	2,699	3,442	3,439	0	0	0	0
Arkansas	669	1,254	-46.6%	669	1,254	0	0	0	0	0	0
Louisiana	1,276	1,445	-11.7%	1,276	1,445	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	3,442	3,439	0.1%	0	0	3,442	3,439	0	0	0	0
Mountain	2,683	2,686	-0.1%	2,683	2,686	0	0	0	0	0	0
Arizona	2,683	2,686	-0.1%	2,683	2,686	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	2,281	1,544	47.7%	2,281	1,544	0	0	0	0	0	0
California	1,526	799	91.0%	1,526	799	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	755	745	1.3%	755	745	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	63,462	62,639	1.3%	33,478	32,937	29,984	29,702	0	0	0	0

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.12.B. Net Generation from Nuclear Energy

by State, by Sector, Year-to-Date through February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	5,433	6,510	-16.5%	0	0	5,433	6,510	0	0	0	0
Connecticut	2,986	2,918	2.3%	0	0	2,986	2,918	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	682	968	-29.5%	0	0	682	968	0	0	0	0
New Hampshire	1,765	1,766	-0.1%	0	0	1,765	1,766	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	858	-100.0%	0	0	0	858	0	0	0	0
Middle Atlantic	27,465	26,791	2.5%	0	0	27,465	26,791	0	0	0	0
New Jersey	5,950	5,876	1.3%	0	0	5,950	5,876	0	0	0	0
New York	7,516	7,399	1.6%	0	0	7,516	7,399	0	0	0	0
Pennsylvania	13,998	13,516	3.6%	0	0	13,998	13,516	0	0	0	0
East North Central	26,408	24,766	6.6%	4,768	4,087	21,641	20,679	0	0	0	0
Illinois	15,761	16,186	-2.6%	0	0	15,761	16,186	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	5,925	4,440	33.5%	4,768	4,087	1,157	353	0	0	0	0
Ohio	3,020	2,439	23.8%	0	0	3,020	2,439	0	0	0	0
Wisconsin	1,702	1,701	0.0%	0	0	1,702	1,701	0	0	0	0
West North Central	8,246	8,122	1.5%	7,413	7,261	833	862	0	0	0	0
Iowa	833	862	-3.3%	0	0	833	862	0	0	0	0
Kansas	1,697	1,717	-1.2%	1,697	1,717	0	0	0	0	0	0
Minnesota	2,211	2,015	9.7%	2,211	2,015	0	0	0	0	0	0
Missouri	1,664	1,759	-5.4%	1,664	1,759	0	0	0	0	0	0
Nebraska	1,842	1,770	4.1%	1,842	1,770	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	34,235	34,372	-0.4%	31,988	32,320	2,247	2,052	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	5,086	5,188	-2.0%	5,086	5,188	0	0	0	0	0	0
Georgia	5,323	5,240	1.6%	5,323	5,240	0	0	0	0	0	0
Maryland	2,247	2,052	9.5%	0	0	2,247	2,052	0	0	0	0
North Carolina	7,019	7,192	-2.4%	7,019	7,192	0	0	0	0	0	0
South Carolina	9,416	9,493	-0.8%	9,416	9,493	0	0	0	0	0	0
Virginia	5,145	5,207	-1.2%	5,145	5,207	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	13,672	12,945	5.6%	13,672	12,945	0	0	0	0	0	0
Alabama	7,344	6,806	7.9%	7,344	6,806	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	1,616	1,201	34.6%	1,616	1,201	0	0	0	0	0	0
Tennessee	4,712	4,939	-4.6%	4,712	4,939	0	0	0	0	0	0
West South Central	11,935	12,552	-4.9%	4,677	5,428	7,259	7,124	0	0	0	0
Arkansas	1,878	2,383	-21.2%	1,878	2,383	0	0	0	0	0	0
Louisiana	2,798	3,045	-8.1%	2,798	3,045	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	7,259	7,124	1.9%	0	0	7,259	7,124	0	0	0	0
Mountain	5,656	5,663	-0.1%	5,656	5,663	0	0	0	0	0	0
Arizona	5,656	5,663	-0.1%	5,656	5,663	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	4,681	3,982	17.6%	4,681	3,982	0	0	0	0	0	0
California	3,090	2,396	28.9%	3,090	2,396	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	1,591	1,585	0.3%	1,591	1,585	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	137,732	135,703	1.5%	72,854	71,685	64,878	64,018	0	0	0	0

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.13.A. Net Generation from Hydroelectric (Conventional) Power by State, by Sector, February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	518	583	-11.1%	70	81	415	471	NM	NM	33	29
Connecticut	25	31	-19.2%	NM	NM	23	28	0	0	0	0
Maine	264	280	-5.7%	0	0	232	251	0	0	32	29
Massachusetts	63	77	-18.1%	NM	21	46	56	NM	NM	NM	NM
New Hampshire	85	95	-10.6%	25	26	60	69	0	0	0	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	80	99	-19.0%	26	32	55	67	0	0	0	0
Middle Atlantic	1,947	2,136	-8.8%	1,585	1,662	358	469	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	1,833	1,956	-6.3%	1,554	1,601	275	350	NM	NM	NM	NM
Pennsylvania	112	178	-37.1%	31	61	81	117	0	0	0	0
East North Central	420	261	60.9%	378	233	NM	NM	NM	NM	NM	NM
Illinois	NM	9	NM	NM	NM	NM	6	NM	NM	0	0
Indiana	26	19	37.5%	26	19	0	0	0	0	0	0
Michigan	145	86	68.3%	133	79	NM	NM	0	0	NM	NM
Ohio	33	23	44.9%	33	23	0	0	0	0	0	0
Wisconsin	209	124	69.0%	183	109	NM	NM	0	0	NM	NM
West North Central	828	581	42.3%	798	565	NM	NM	0	0	NM	NM
Iowa	77	42	82.2%	76	42	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	53	31	72.5%	NM	NM	NM	NM	0	0	NM	NM
Missouri	59	40	47.5%	59	40	0	0	0	0	0	0
Nebraska	118	72	64.5%	118	72	0	0	0	0	0	0
North Dakota	197	144	36.9%	197	144	0	0	0	0	0	0
South Dakota	323	252	28.2%	323	252	0	0	0	0	0	0
South Atlantic	993	1,446	-31.3%	808	1,162	90	161	NM	NM	94	122
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	NM	20	NM	NM	20	0	0	0	0	0	0
Georgia	231	307	-24.7%	229	304	NM	NM	0	0	NM	NM
Maryland	51	103	-50.8%	0	0	51	103	0	0	0	0
North Carolina	333	521	-36.1%	282	449	NM	NM	NM	NM	47	67
South Carolina	177	244	-27.6%	170	236	NM	NM	NM	NM	0	0
Virginia	80	114	-30.5%	74	108	NM	NM	0	0	NM	NM
West Virginia	106	136	-22.1%	37	45	23	38	0	0	46	52
East South Central	1,829	2,467	-25.9%	1,774	2,386	NM	NM	0	0	55	80
Alabama	794	1,194	-33.5%	794	1,194	0	0	0	0	0	0
Kentucky	272	284	-4.0%	272	283	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	762	989	-23.0%	708	909	0	0	0	0	55	80
West South Central	341	383	-11.0%	281	300	60	83	0	0	0	0
Arkansas	171	175	-2.2%	170	174	NM	NM	0	0	0	0
Louisiana	57	79	-27.9%	0	0	57	79	0	0	0	0
Oklahoma	89	97	-7.7%	89	97	0	0	0	0	0	0
Texas	23	32	-27.4%	21	29	NM	NM	0	0	0	0
Mountain	2,553	1,890	35.1%	2,125	1,619	427	270	NM	NM	0	0
Arizona	391	442	-11.5%	391	442	0	0	0	0	0	0
Colorado	130	135	-4.0%	108	123	NM	NM	NM	NM	0	0
Idaho	896	496	80.7%	851	467	45	29	0	0	0	0
Montana	843	545	54.6%	489	320	354	225	0	0	0	0
Nevada	202	200	1.2%	197	197	NM	NM	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	54	39	40.0%	53	38	NM	NM	0	0	0	0
Wyoming	28	25	11.5%	27	24	NM	NM	0	0	0	0
Pacific Contiguous	13,010	7,589	71.4%	12,919	7,525	91	64	NM	NM	0	0
California	884	722	22.4%	850	693	NM	NM	NM	NM	0	0
Oregon	3,963	2,418	63.9%	3,936	2,400	NM	18	0	0	0	0
Washington	8,163	4,449	83.5%	8,133	4,431	NM	NM	0	0	0	0
Pacific Noncontiguous	151	113	33.2%	147	111	0	0	0	0	NM	NM
Alaska	145	110	31.9%	145	110	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
U.S. Total	22,590	17,449	29.5%	20,883	15,644	1,483	1,547	NM	NM	221	255

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.13.B. Net Generation from Hydroelectric (Conventional) Power

by State, by Sector, Year-to-Date through February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	1,181	1,328	-11.1%	165	186	942	1,075	NM	NM	72	67
Connecticut	58	72	-19.3%	NM	NM	53	65	0	0	0	0
Maine	586	610	-3.9%	0	0	515	546	0	0	71	65
Massachusetts	153	184	-16.6%	40	49	112	133	NM	NM	NM	NM
New Hampshire	197	237	-16.9%	60	56	136	180	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	185	224	-17.5%	60	74	125	150	0	0	0	0
Middle Atlantic	4,304	4,575	-5.9%	3,411	3,451	883	1,112	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	3,985	4,083	-2.4%	3,313	3,266	663	805	NM	NM	NM	NM
Pennsylvania	315	487	-35.3%	98	185	216	302	0	0	0	0
East North Central	849	591	43.5%	762	528	49	39	NM	NM	NM	NM
Illinois	16	21	-22.1%	NM	NM	9	12	NM	NM	0	0
Indiana	56	46	22.4%	56	46	0	0	0	0	0	0
Michigan	293	194	50.8%	268	177	NM	NM	0	0	NM	NM
Ohio	63	53	19.5%	63	53	0	0	0	0	0	0
Wisconsin	421	278	51.4%	368	244	NM	NM	0	0	NM	NM
West North Central	1,685	1,312	28.4%	1,628	1,274	NM	26	0	0	NM	NM
Iowa	156	100	56.1%	155	99	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	104	69	50.3%	50	35	NM	NM	0	0	NM	NM
Missouri	107	137	-21.5%	107	137	0	0	0	0	0	0
Nebraska	237	159	49.6%	237	159	0	0	0	0	0	0
North Dakota	381	303	26.0%	381	303	0	0	0	0	0	0
South Dakota	697	542	28.6%	697	542	0	0	0	0	0	0
South Atlantic	2,341	3,651	-35.9%	1,879	2,924	248	429	NM	NM	211	294
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	37	44	-16.2%	37	44	0	0	0	0	0	0
Georgia	517	750	-31.0%	512	743	NM	NM	0	0	NM	NM
Maryland	161	309	-47.7%	0	0	161	309	0	0	0	0
North Carolina	780	1,278	-39.0%	661	1,085	NM	NM	NM	NM	108	179
South Carolina	428	706	-39.4%	413	689	NM	17	NM	NM	0	0
Virginia	185	281	-34.2%	172	265	NM	NM	0	0	NM	NM
West Virginia	232	283	-17.9%	84	98	50	76	0	0	98	109
East South Central	4,364	5,392	-19.1%	4,236	5,195	NM	NM	0	0	127	195
Alabama	1,993	2,539	-21.5%	1,993	2,539	0	0	0	0	0	0
Kentucky	612	666	-8.1%	611	664	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	1,759	2,187	-19.6%	1,632	1,992	0	0	0	0	127	195
West South Central	819	1,002	-18.3%	671	807	148	195	0	0	0	0
Arkansas	393	461	-14.8%	391	458	NM	NM	0	0	0	0
Louisiana	141	186	-24.6%	0	0	141	186	0	0	0	0
Oklahoma	194	247	-21.5%	194	247	0	0	0	0	0	0
Texas	91	107	-14.9%	86	101	NM	NM	0	0	0	0
Mountain	5,190	3,905	32.9%	4,321	3,314	867	590	NM	NM	0	0
Arizona	930	940	-1.1%	930	940	0	0	0	0	0	0
Colorado	276	269	2.5%	231	242	NM	NM	NM	NM	0	0
Idaho	1,640	1,016	61.4%	1,550	955	90	61	0	0	0	0
Montana	1,688	1,164	45.1%	969	669	719	494	0	0	0	0
Nevada	472	372	26.8%	461	365	NM	NM	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	106	77	38.8%	104	75	NM	NM	0	0	0	0
Wyoming	59	52	13.5%	57	51	NM	NM	0	0	0	0
Pacific Contiguous	25,999	17,081	52.2%	25,811	16,946	188	135	NM	NM	0	0
California	1,733	1,534	13.0%	1,662	1,472	71	61	NM	NM	0	0
Oregon	7,922	5,221	51.7%	7,866	5,184	55	37	0	0	0	0
Washington	16,344	10,327	58.3%	16,283	10,290	61	37	0	0	0	0
Pacific Noncontiguous	317	248	27.9%	307	241	0	1	0	0	NM	NM
Alaska	304	238	27.3%	304	238	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	0	1	0	0	NM	NM
U.S. Total	47,048	39,085	20.4%	43,191	34,865	3,364	3,604	NM	NM	487	609

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.14.A. Net Generation from Renewable Sources Excluding Hydroelectric by State, by Sector, February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	890	800	11.2%	83	85	643	550	16	15	147	150
Connecticut	58	55	5.0%	0	0	55	53	NM	NM	0	0
Maine	420	392	7.2%	0	0	266	234	7	7	147	150
Massachusetts	143	119	20.5%	7	6	132	110	NM	NM	NM	0
New Hampshire	168	151	11.2%	25	32	141	116	NM	3	0	0
Rhode Island	21	13	60.0%	0	0	20	13	NM	0	0	0
Vermont	81	71	13.5%	52	46	29	24	NM	NM	0	0
Middle Atlantic	1,156	1,160	-0.3%	7	NM	1,028	1,047	50	41	70	68
New Jersey	131	109	21.0%	7	NM	98	86	26	20	NM	NM
New York	522	549	-4.9%	0	0	485	512	16	16	21	21
Pennsylvania	502	502	0.1%	0	0	445	449	8	6	49	47
East North Central	2,487	2,208	12.6%	236	244	2,093	1,817	14	13	144	135
Illinois	977	897	8.9%	NM	NM	976	896	0	0	0	0
Indiana	455	285	59.8%	23	22	427	258	NM	NM	NM	3
Michigan	611	573	6.7%	98	86	441	422	11	10	61	55
Ohio	176	156	12.8%	NM	NM	141	126	NM	NM	32	27
Wisconsin	268	298	-10.0%	110	132	108	115	NM	NM	48	49
West North Central	4,461	4,214	5.9%	1,455	1,256	2,955	2,901	12	11	39	46
Iowa	1,587	1,337	18.7%	919	704	666	629	NM	NM	0	2
Kansas	829	769	7.8%	68	66	761	703	0	0	0	0
Minnesota	941	971	-3.1%	200	211	700	713	NM	4	36	43
Missouri	97	91	6.9%	3	3	89	84	4	3	NM	NM
Nebraska	289	174	65.4%	25	21	262	152	NM	NM	0	0
North Dakota	480	620	-22.6%	185	193	292	425	0	0	NM	NM
South Dakota	238	252	-5.7%	54	58	184	195	0	0	0	0
South Atlantic	1,686	1,622	4.0%	146	125	771	704	36	33	734	759
Delaware	9	8	11.4%	NM	NM	8	7	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	390	392	-0.6%	13	20	222	220	NM	3	150	149
Georgia	314	306	2.6%	NM	0	57	54	NM	NM	254	250
Maryland	89	73	22.2%	NM	NM	75	57	NM	NM	10	13
North Carolina	296	245	20.7%	NM	NM	181	137	11	10	103	98
South Carolina	164	184	-10.6%	35	33	NM	8	0	0	122	143
Virginia	288	269	7.1%	94	70	83	77	14	15	96	107
West Virginia	137	146	-6.2%	0	0	137	146	0	0	0	0
East South Central	490	491	-0.2%	7	7	38	29	NM	NM	445	454
Alabama	244	252	-3.3%	0	0	20	17	0	0	223	235
Kentucky	40	38	5.5%	7	7	0	0	0	0	33	31
Mississippi	117	117	0.2%	0	1	NM	NM	0	0	116	116
Tennessee	89	84	6.2%	0	0	16	11	NM	NM	72	72
West South Central	4,899	3,849	27.3%	153	122	4,299	3,318	NM	3	441	407
Arkansas	136	122	11.0%	0	0	10	9	NM	NM	126	113
Louisiana	218	205	6.1%	0	0	5	5	0	0	213	200
Oklahoma	1,104	759	45.4%	118	99	962	637	0	0	25	24
Texas	3,442	2,763	24.6%	36	23	3,322	2,667	NM	3	78	69
Mountain	2,438	2,449	-0.5%	288	304	2,113	2,109	6	5	31	32
Arizona	265	243	8.8%	35	24	229	218	NM	NM	0	0
Colorado	655	577	13.6%	14	16	639	559	NM	NM	NM	NM
Idaho	265	339	-21.9%	13	20	222	288	0	0	30	31
Montana	167	172	-2.8%	21	20	146	152	0	0	0	0
Nevada	414	322	28.3%	0	0	411	320	NM	NM	NM	NM
New Mexico	189	225	-16.0%	9	6	180	220	NM	NM	0	0
Utah	87	116	-25.1%	20	23	67	93	0	0	0	0
Wyoming	396	454	-12.9%	175	196	221	258	0	0	0	0
Pacific Contiguous	4,215	4,072	3.5%	531	581	3,415	3,202	80	84	188	205
California	3,062	2,749	11.4%	151	177	2,780	2,432	78	82	53	58
Oregon	532	644	-17.3%	81	91	405	502	NM	NM	45	49
Washington	621	679	-8.6%	299	312	231	268	NM	NM	90	98
Pacific Noncontiguous	108	89	21.8%	14	11	63	52	20	16	11	10
Alaska	18	17	1.7%	9	9	NM	NM	NM	3	NM	NM
Hawaii	91	72	26.6%	6	2	59	48	16	13	10	9
U.S. Total	22,830	20,955	8.9%	2,921	2,736	17,417	15,730	242	222	2,250	2,267

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.14.B. Net Generation from Renewable Sources Excluding Hydroelectric

by State, by Sector, Year-to-Date through February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	1,869	1,735	7.7%	171	174	1,363	1,205	35	33	300	322
Connecticut	128	123	3.8%	0	0	123	118	NM	5	0	0
Maine	882	841	4.8%	0	0	567	504	15	16	299	322
Massachusetts	295	254	16.2%	14	13	274	234	NM	NM	NM	0
New Hampshire	359	335	7.3%	57	67	297	262	5	6	0	0
Rhode Island	43	30	43.4%	0	0	41	30	NM	0	0	0
Vermont	161	151	6.8%	100	94	60	56	NM	NM	0	0
Middle Atlantic	2,576	2,523	2.1%	12	NM	2,318	2,282	100	90	146	146
New Jersey	257	219	17.5%	12	NM	196	175	49	40	NM	NM
New York	1,209	1,199	0.8%	0	0	1,131	1,119	34	36	43	45
Pennsylvania	1,110	1,105	0.5%	0	0	990	988	17	15	103	101
East North Central	5,232	5,280	-0.9%	488	542	4,413	4,423	31	29	301	286
Illinois	2,039	2,264	-9.9%	NM	NM	2,037	2,262	0	0	0	0
Indiana	909	737	23.3%	50	48	848	679	NM	3	7	7
Michigan	1,345	1,239	8.6%	199	188	993	903	24	22	130	127
Ohio	374	391	-4.2%	6	NM	304	325	NM	NM	64	60
Wisconsin	565	649	-12.9%	230	299	231	255	NM	3	101	92
West North Central	9,666	9,754	-0.9%	3,188	2,957	6,366	6,679	26	24	86	94
Iowa	3,414	3,205	6.5%	2,004	1,732	1,401	1,464	NM	5	3	4
Kansas	1,755	1,813	-3.2%	146	144	1,610	1,669	0	0	0	0
Minnesota	1,973	2,135	-7.6%	415	462	1,471	1,577	10	10	77	86
Missouri	219	240	-8.7%	7	6	203	227	8	6	NM	NM
Nebraska	623	406	53.2%	55	49	565	354	NM	3	0	0
North Dakota	1,147	1,377	-16.7%	435	431	708	943	0	0	NM	3
South Dakota	535	578	-7.5%	126	133	409	446	0	0	0	0
South Atlantic	3,602	3,450	4.4%	323	278	1,569	1,479	74	72	1,635	1,622
Delaware	17	16	6.5%	NM	NM	15	14	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	837	831	0.7%	32	37	461	462	9	6	335	326
Georgia	697	665	4.8%	NM	0	113	112	5	5	578	549
Maryland	189	164	15.4%	NM	NM	157	129	8	7	23	26
North Carolina	578	496	16.5%	NM	NM	344	279	21	20	213	197
South Carolina	347	388	-10.6%	74	74	16	16	0	0	257	298
Virginia	641	577	11.0%	212	165	168	154	32	33	230	226
West Virginia	296	312	-5.4%	0	0	296	312	0	0	0	0
East South Central	1,034	1,042	-0.7%	15	16	75	63	NM	NM	943	963
Alabama	521	543	-4.0%	0	0	40	35	0	0	481	507
Kentucky	85	83	2.2%	15	15	0	0	0	0	70	68
Mississippi	243	238	1.9%	0	1	NM	2	0	0	241	235
Tennessee	186	178	4.3%	0	0	33	26	NM	NM	152	152
West South Central	9,518	9,413	1.1%	287	334	8,306	8,217	13	8	912	853
Arkansas	276	252	9.9%	0	0	21	19	NM	NM	255	232
Louisiana	451	433	4.3%	0	0	12	11	0	0	440	421
Oklahoma	2,185	1,963	11.3%	230	283	1,902	1,627	0	0	52	52
Texas	6,605	6,766	-2.4%	56	51	6,372	6,560	12	7	165	148
Mountain	4,965	5,379	-7.7%	601	686	4,289	4,622	10	9	65	62
Arizona	458	479	-4.3%	63	47	393	429	NM	NM	0	0
Colorado	1,441	1,405	2.6%	29	38	1,409	1,364	NM	NM	NM	NM
Idaho	497	635	-21.8%	23	33	409	540	0	0	65	61
Montana	418	428	-2.3%	50	52	368	376	0	0	0	0
Nevada	797	662	20.3%	0	0	792	658	4	NM	NM	NM
New Mexico	347	502	-31.0%	14	10	332	491	NM	NM	0	0
Utah	172	200	-14.1%	43	49	128	152	0	0	0	0
Wyoming	836	1,068	-21.8%	378	457	458	612	0	0	0	0
Pacific Contiguous	7,609	7,878	-3.4%	897	1,099	6,150	6,183	173	183	388	414
California	5,655	5,385	5.0%	273	354	5,102	4,731	168	178	112	122
Oregon	883	1,221	-27.7%	119	171	666	947	NM	3	95	100
Washington	1,070	1,273	-15.9%	504	574	383	505	NM	NM	181	192
Pacific Noncontiguous	207	206	0.6%	30	25	113	121	40	38	23	22
Alaska	37	39	-5.8%	18	20	NM	9	8	8	NM	NM
Hawaii	170	167	2.1%	12	5	105	112	32	30	21	20
U.S. Total	46,278	46,660	-0.8%	6,013	6,116	34,962	35,275	502	485	4,801	4,784

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.15.A. Net Generation from Hydroelectric (Pumped Storage) Power by State, by Sector, February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	-30	-42	-27.8%	0	0	-30	-42	0	0	0	0
Connecticut	0	-2	-101.3%	0	0	0	-2	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-30	-40	-24.1%	0	0	-30	-40	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	-87	-108	-19.6%	-48	-65	-39	-43	0	0	0	0
New Jersey	-18	-19	-5.4%	-18	-19	0	0	0	0	0	0
New York	-30	-47	-35.4%	-30	-47	0	0	0	0	0	0
Pennsylvania	-39	-43	-8.4%	0	0	-39	-43	0	0	0	0
East North Central	-31	-50	-36.7%	-31	-50	0	0	0	0	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	-31	-50	-36.7%	-31	-50	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	29	5	485.9%	29	5	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	29	5	485.9%	29	5	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	-158	-185	-14.8%	-158	-185	0	0	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	--	0	0	0	0	0	0	0	0
Georgia	-66	-19	239.5%	-66	-19	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	16	0	--	16	0	0	0	0	0	0	0
South Carolina	-50	-93	-46.4%	-50	-93	0	0	0	0	0	0
Virginia	-57	-73	-20.9%	-57	-73	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-22	-28	-22.1%	-22	-28	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	-22	-28	-22.1%	-22	-28	0	0	0	0	0	0
West South Central	-4	-4	-10.9%	-4	-4	0	0	0	0	0	0
Arkansas	1	4	-79.1%	1	4	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-5	-8	-43.6%	-5	-8	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-30	-18	62.3%	-30	-18	0	0	0	0	0	0
Arizona	-6	-9	-34.0%	-6	-9	0	0	0	0	0	0
Colorado	-24	-10	148.6%	-24	-10	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	-84	-15	455.6%	-84	-15	0	0	0	0	0	0
California	-87	-14	498.0%	-87	-14	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	3	-1	-494.4%	3	-1	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	-416	-445	-6.5%	-347	-361	-69	-84	0	0	0	0

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.15.B. Net Generation from Hydroelectric (Pumped Storage) Power

by State, by Sector, Year-to-Date through February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	-67	-72	-7.6%	0	0	-67	-72	0	0	0	0
Connecticut	2	2	0.0%	0	0	2	2	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-69	-74	-7.4%	0	0	-69	-74	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	-171	-214	-20.0%	-77	-130	-94	-84	0	0	0	0
New Jersey	-34	-41	-16.7%	-34	-41	0	0	0	0	0	0
New York	-43	-89	-51.6%	-43	-89	0	0	0	0	0	0
Pennsylvania	-94	-84	11.9%	0	0	-94	-84	0	0	0	0
East North Central	-74	-108	-30.9%	-74	-108	0	0	0	0	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	-74	-108	-30.9%	-74	-108	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	33	7	387.8%	33	7	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	33	7	387.8%	33	7	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	-380	-273	39.2%	-380	-273	0	0	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	--	0	0	0	0	0	0	0	0
Georgia	-150	-13	NM	-150	-13	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	39	0	--	39	0	0	0	0	0	0	0
South Carolina	-140	-106	31.8%	-140	-106	0	0	0	0	0	0
Virginia	-130	-154	-15.4%	-130	-154	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-53	-20	160.1%	-53	-20	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	-53	-20	160.1%	-53	-20	0	0	0	0	0	0
West South Central	-6	-7	-9.9%	-6	-7	0	0	0	0	0	0
Arkansas	1	11	-88.4%	1	11	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-7	-17	-58.0%	-7	-17	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-62	-32	93.8%	-62	-32	0	0	0	0	0	0
Arizona	-9	-2	277.3%	-9	-2	0	0	0	0	0	0
Colorado	-53	-30	79.0%	-53	-30	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	-163	-16	938.0%	-163	-16	0	0	0	0	0	0
California	-172	-15	NM	-172	-15	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	9	-1	-950.1%	9	-1	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	-944	-735	28.5%	-783	-579	-161	-156	0	0	0	0

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.16.A. Net Generation from Other Energy Sources by State, by Sector, February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	135	139	-2.7%	0	0	117	121	9	9	9	9
Connecticut	44	44	0.1%	0	0	43	42	NM	NM	0	0
Maine	25	29	-13.6%	0	0	10	13	7	7	9	9
Massachusetts	61	61	0.3%	0	0	61	61	0	0	0	0
New Hampshire	NM	5	NM	0	0	NM	5	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	161	151	6.1%	0	0	127	121	33	31	0	0
New Jersey	35	39	-10.2%	0	0	23	28	12	11	0	0
New York	68	64	6.5%	0	0	53	49	15	15	0	0
Pennsylvania	58	49	18.4%	0	0	52	44	7	5	0	0
East North Central	81	65	25.4%	12	4	12	12	12	11	45	39
Illinois	19	19	-1.8%	0	0	0	0	0	0	19	19
Indiana	33	16	105.7%	10	2	0	0	NM	NM	22	13
Michigan	25	24	4.0%	NM	NM	12	12	10	10	2	2
Ohio	1	2	-64.2%	0	0	0	0	0	0	1	2
Wisconsin	4	4	-5.7%	1	1	0	0	0	0	NM	3
West North Central	33	26	27.9%	19	13	8	7	NM	NM	NM	4
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	23	22	5.1%	10	9	8	7	NM	NM	NM	4
Missouri	7	1	536.9%	7	1	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	NM	NM	NM	NM	NM	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	273	286	-4.8%	0	0	161	159	13	14	99	113
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	198	208	-4.6%	0	0	103	103	0	0	95	105
Georgia	0	6	-97.0%	0	0	0	0	0	0	0	6
Maryland	21	19	11.0%	0	0	21	19	NM	NM	0	0
North Carolina	17	17	2.6%	0	0	17	17	0	0	0	0
South Carolina	3	3	27.4%	0	0	NM	NM	0	0	3	2
Virginia	33	34	-4.0%	0	0	19	20	13	14	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	7	NM	NM	5	0	0	0	0	0	2	NM
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	5	0	--	5	0	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	0	0	0	0	NM	NM
Tennessee	2	0	NM	0	0	0	0	0	0	2	0
West South Central	101	77	31.2%	0	0	NM	NM	0	0	100	76
Arkansas	1	1	-35.9%	0	0	0	0	0	0	1	1
Louisiana	48	48	0.4%	0	0	0	0	0	0	48	48
Oklahoma	NM	NM	NM	0	0	0	0	0	0	NM	NM
Texas	51	27	89.1%	0	0	NM	NM	0	0	51	27
Mountain	31	44	-30.2%	NM	NM	26	29	0	0	NM	14
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	NM	NM	NM	0	0	NM	NM	0	0	NM	NM
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	25	28	-8.4%	0	0	25	28	0	0	0	0
Nevada	NM	NM	NM	NM	NM	0	0	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	NM	12	NM	0	0	NM	NM	0	0	0	11
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	76	76	0.3%	0	0	24	23	0	0	52	53
California	63	62	1.1%	0	0	16	15	0	0	46	47
Oregon	NM	NM	NM	0	0	NM	NM	0	0	0	0
Washington	11	11	-5.0%	0	0	NM	5	0	0	5	6
Pacific Noncontiguous	18	13	40.7%	NM	0	1	1	15	12	0	0
Alaska	NM	0	--	NM	0	0	0	0	0	0	0
Hawaii	16	13	26.8%	0	0	1	1	15	12	0	0
U.S. Total	915	877	4.3%	40	18	479	472	84	79	313	308

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.16.B. Net Generation from Other Energy Sources

by State, by Sector, Year-to-Date through February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	300	295	1.7%	0	0	262	257	19	19	19	19
Connecticut	96	95	0.6%	0	0	91	91	NM	4	0	0
Maine	56	59	-6.0%	0	0	22	26	14	14	19	19
Massachusetts	138	131	5.7%	0	0	138	131	0	0	0	0
New Hampshire	10	10	4.4%	0	0	10	10	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	356	326	9.2%	0	0	287	259	69	67	0	0
New Jersey	79	80	-1.4%	0	0	55	57	24	23	0	0
New York	145	135	7.1%	0	0	114	104	32	32	0	0
Pennsylvania	132	110	19.5%	0	0	118	98	14	13	0	0
East North Central	171	139	22.7%	22	14	26	24	26	24	96	77
Illinois	40	40	-0.3%	0	0	0	0	0	0	40	40
Indiana	67	37	80.5%	18	11	0	0	NM	NM	46	24
Michigan	54	51	6.1%	NM	NM	26	24	23	22	4	4
Ohio	1	2	-41.2%	0	0	0	0	0	0	1	2
Wisconsin	8	9	-4.9%	3	3	0	0	0	0	5	6
West North Central	68	57	20.3%	39	27	17	17	NM	4	8	8
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	50	48	3.0%	20	19	17	17	NM	4	8	8
Missouri	13	3	352.1%	13	3	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	NM	5	NM	NM	5	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	605	608	-0.6%	0	0	348	344	29	30	228	235
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	443	432	2.6%	0	0	222	216	0	0	221	216
Georgia	0	11	-97.0%	0	0	0	0	0	0	0	11
Maryland	45	44	2.0%	0	0	45	44	NM	NM	0	0
North Carolina	36	37	-1.0%	0	0	36	37	0	0	0	0
South Carolina	7	8	-14.3%	0	0	NM	NM	0	0	6	7
Virginia	73	76	-4.1%	0	0	44	46	29	29	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	20	NM	NM	16	0	0	0	0	0	4	NM
Alabama	0	0	-100.0%	0	0	0	0	0	0	0	0
Kentucky	16	0	--	16	0	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	0	0	0	0	NM	NM
Tennessee	3	0	NM	0	0	0	0	0	0	3	0
West South Central	205	173	18.3%	0	0	NM	NM	0	0	204	172
Arkansas	3	2	18.1%	0	0	0	0	0	0	3	2
Louisiana	96	110	-13.3%	0	0	0	0	0	0	96	110
Oklahoma	NM	NM	NM	0	0	0	0	0	0	NM	NM
Texas	105	58	79.1%	0	0	NM	NM	0	0	103	57
Mountain	63	92	-31.3%	NM	4	53	56	0	0	5	31
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	7	7	-0.3%	0	0	NM	NM	0	0	5	5
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	51	54	-5.5%	0	0	51	54	0	0	0	0
Nevada	NM	4	NM	NM	4	0	0	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	NM	26	NM	0	0	NM	NM	0	0	0	26
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	159	164	-3.4%	0	0	50	51	0	0	109	113
California	130	133	-2.1%	0	0	32	35	0	0	98	98
Oregon	6	6	4.1%	0	0	6	6	0	0	0	0
Washington	23	26	-11.7%	0	0	12	11	0	0	12	15
Pacific Noncontiguous	34	32	5.1%	NM	NM	1	1	31	29	0	0
Alaska	NM	NM	NM	NM	NM	0	0	0	0	0	0
Hawaii	32	30	7.4%	0	0	1	1	31	29	0	0
U.S. Total	1,979	1,886	4.9%	82	48	1,045	1,010	178	173	674	656

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.17.A. Net Generation from Wind
by State, by Sector, February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	202	187	7.9%	24	21	174	164	NM	NM	NM	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	111	100	10.7%	0	0	111	100	0	0	0	0
Massachusetts	19	21	-9.4%	5	6	10	12	NM	NM	NM	0
New Hampshire	41	41	0.5%	0	0	41	41	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	NM	0	0	0
Vermont	29	25	19.2%	19	15	11	10	0	0	0	0
Middle Atlantic	656	703	-6.6%	0	0	656	702	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	340	368	-7.7%	0	0	340	368	0	0	NM	NM
Pennsylvania	315	333	-5.5%	0	0	315	333	0	0	0	0
East North Central	1,998	1,709	16.9%	191	188	1,804	1,518	NM	NM	NM	NM
Illinois	927	848	9.3%	NM	NM	926	847	0	0	0	0
Indiana	413	252	64.1%	0	0	413	252	NM	NM	0	0
Michigan	407	355	14.6%	98	86	308	269	0	0	0	0
Ohio	109	96	13.6%	NM	NM	105	92	0	0	NM	NM
Wisconsin	142	159	-10.6%	90	100	51	59	0	0	NM	0
West North Central	4,304	4,060	6.0%	1,416	1,222	2,885	2,834	NM	NM	0	0
Iowa	1,578	1,326	19.0%	917	702	660	623	NM	NM	0	0
Kansas	825	765	7.9%	68	66	756	699	0	0	0	0
Minnesota	816	845	-3.5%	169	185	644	658	NM	NM	0	0
Missouri	87	83	4.6%	0	0	87	83	0	0	0	0
Nebraska	284	170	67.2%	22	18	262	152	0	0	0	0
North Dakota	477	619	-22.8%	185	193	292	425	0	0	0	0
South Dakota	238	252	-5.7%	54	58	184	195	0	0	0	0
South Atlantic	177	171	3.2%	0	0	177	171	NM	NM	0	0
Delaware	NM	NM	NM	0	0	0	0	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	--	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	40	25	58.0%	0	0	40	25	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	137	146	-6.2%	0	0	137	146	0	0	0	0
East South Central	4	5	-20.8%	0	0	4	5	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	4	5	-20.8%	0	0	4	5	0	0	0	0
West South Central	4,331	3,353	29.2%	137	122	4,192	3,231	NM	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	1,080	735	46.9%	118	99	962	637	0	0	0	0
Texas	3,251	2,618	24.2%	19	23	3,230	2,595	NM	0	0	0
Mountain	1,654	1,793	-7.7%	223	250	1,430	1,542	NM	NM	NM	NM
Arizona	35	36	-4.7%	0	0	35	36	0	0	0	0
Colorado	630	552	14.1%	14	15	615	536	NM	NM	NM	NM
Idaho	215	289	-25.4%	12	19	203	270	0	0	0	0
Montana	167	172	-2.8%	21	20	146	152	0	0	0	0
Nevada	27	25	6.1%	0	0	27	25	0	0	0	0
New Mexico	144	195	-26.3%	0	0	144	195	NM	NM	0	0
Utah	41	69	-40.9%	0	0	41	69	0	0	0	0
Wyoming	396	454	-12.9%	175	196	221	258	0	0	0	0
Pacific Contiguous	1,586	1,960	-19.1%	378	437	1,207	1,523	NM	NM	NM	NM
California	662	881	-24.9%	34	72	627	809	NM	NM	NM	NM
Oregon	433	540	-19.9%	76	87	356	453	0	0	0	0
Washington	492	539	-8.8%	268	278	224	261	0	0	0	0
Pacific Noncontiguous	53	36	47.4%	9	9	44	27	0	0	0	0
Alaska	13	13	-3.1%	9	9	NM	NM	0	0	0	0
Hawaii	40	23	76.8%	0	0	40	23	0	0	0	0
U.S. Total	14,964	13,976	7.1%	2,377	2,249	12,572	11,717	10	7	NM	NM

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.17.B. Net Generation from Wind

by State, by Sector, Year-to-Date through February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	443	411	7.7%	53	45	381	361	NM	NM	NM	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	242	221	9.8%	0	0	242	221	0	0	0	0
Massachusetts	41	47	-11.9%	11	13	24	28	NM	NM	NM	0
New Hampshire	90	87	3.8%	0	0	90	87	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	NM	0	0	0
Vermont	66	56	18.0%	42	32	24	24	0	0	0	0
Middle Atlantic	1,529	1,563	-2.2%	0	0	1,529	1,563	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	824	824	0.0%	0	0	823	823	0	0	NM	NM
Pennsylvania	703	738	-4.6%	0	0	703	738	0	0	0	0
East North Central	4,196	4,231	-0.8%	393	429	3,796	3,796	NM	NM	NM	NM
Illinois	1,930	2,159	-10.6%	NM	NM	1,928	2,156	0	0	0	0
Indiana	824	667	23.6%	0	0	824	667	NM	NM	0	0
Michigan	908	776	17.1%	199	188	709	588	0	0	0	0
Ohio	235	261	-10.0%	NM	NM	227	252	0	0	NM	NM
Wisconsin	298	369	-19.1%	189	236	108	132	0	0	NM	0
West North Central	9,328	9,425	-1.0%	3,106	2,884	6,216	6,534	NM	NM	0	0
Iowa	3,389	3,180	6.6%	2,000	1,728	1,388	1,451	NM	NM	0	0
Kansas	1,746	1,804	-3.2%	146	144	1,601	1,660	0	0	0	0
Minnesota	1,706	1,869	-8.7%	352	406	1,349	1,457	NM	NM	0	0
Missouri	197	224	-11.8%	0	0	197	224	0	0	0	0
Nebraska	612	396	54.6%	47	41	565	354	0	0	0	0
North Dakota	1,143	1,374	-16.8%	435	431	708	943	0	0	0	0
South Dakota	535	578	-7.5%	126	133	409	446	0	0	0	0
South Atlantic	381	373	2.0%	0	0	380	372	NM	NM	0	0
Delaware	NM	NM	NM	0	0	0	0	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	--	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	85	61	40.5%	0	0	85	61	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	295	312	-5.5%	0	0	295	312	0	0	0	0
East South Central	9	12	-26.7%	0	0	9	12	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	9	12	-26.7%	0	0	9	12	0	0	0	0
West South Central	8,384	8,376	0.1%	270	334	8,108	8,042	NM	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	2,132	1,911	11.6%	230	283	1,902	1,627	0	0	0	0
Texas	6,251	6,466	-3.3%	40	51	6,207	6,414	NM	0	0	0
Mountain	3,481	4,033	-13.7%	478	578	3,002	3,453	NM	NM	NM	NM
Arizona	51	65	-21.9%	0	0	51	65	0	0	0	0
Colorado	1,395	1,357	2.8%	29	37	1,365	1,318	NM	NM	NM	NM
Idaho	390	532	-26.7%	21	32	369	500	0	0	0	0
Montana	418	428	-2.3%	50	52	368	376	0	0	0	0
Nevada	52	40	29.2%	0	0	52	40	0	0	0	0
New Mexico	267	443	-39.7%	0	0	267	443	NM	NM	0	0
Utah	72	99	-27.1%	0	0	72	99	0	0	0	0
Wyoming	836	1,068	-21.8%	378	457	458	612	0	0	0	0
Pacific Contiguous	2,380	3,480	-31.6%	579	794	1,799	2,685	NM	NM	NM	NM
California	911	1,487	-38.7%	41	135	869	1,352	NM	NM	NM	NM
Oregon	672	1,004	-33.1%	109	161	563	843	0	0	0	0
Washington	797	988	-19.3%	429	498	368	490	0	0	0	0
Pacific Noncontiguous	92	89	3.6%	18	20	74	68	0	0	0	0
Alaska	27	30	-10.0%	18	20	NM	9	0	0	0	0
Hawaii	65	59	10.4%	0	0	65	59	0	0	0	0
U.S. Total	30,222	31,993	-5.5%	4,898	5,084	25,293	26,886	21	15	NM	NM

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.18.A. Net Generation from Biomass
by State, by Sector, February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	639	594	7.6%	58	64	422	368	12	12	147	150
Connecticut	56	54	3.6%	0	0	54	52	NM	NM	0	0
Maine	309	292	6.0%	0	0	155	134	7	7	147	150
Massachusetts	82	82	0.5%	0	0	82	81	NM	NM	0	0
New Hampshire	127	110	15.1%	25	32	100	75	NM	3	0	0
Rhode Island	18	11	56.8%	0	0	18	11	0	0	0	0
Vermont	47	45	4.4%	33	31	13	13	NM	NM	0	0
Middle Atlantic	424	412	2.8%	0	0	318	311	37	34	69	67
New Jersey	68	72	-4.9%	0	0	55	60	13	12	0	0
New York	176	177	-0.3%	0	0	140	139	16	16	20	21
Pennsylvania	180	164	9.7%	0	0	123	112	8	6	48	46
East North Central	464	486	-4.6%	44	55	266	287	14	12	140	133
Illinois	45	46	-1.8%	0	0	45	46	0	0	0	0
Indiana	27	27	1.8%	22	22	0	0	NM	NM	NM	3
Michigan	205	218	-6.2%	0	0	133	153	11	10	61	55
Ohio	62	57	7.9%	NM	NM	32	32	0	0	29	25
Wisconsin	126	139	-9.2%	20	32	57	56	NM	NM	47	49
West North Central	156	154	0.8%	39	34	68	67	10	8	39	46
Iowa	10	11	-12.9%	NM	2	6	6	NM	NM	0	2
Kansas	4	4	1.2%	0	0	4	4	0	0	0	0
Minnesota	125	125	0.2%	30	26	56	55	NM	NM	36	43
Missouri	9	8	15.0%	3	3	NM	NM	4	3	NM	NM
Nebraska	5	5	3.9%	3	3	0	0	NM	NM	0	0
North Dakota	NM	NM	NM	0	0	0	0	0	0	NM	NM
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	1,367	1,374	-0.6%	137	111	468	478	28	27	734	759
Delaware	4	4	0.7%	0	0	4	4	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	379	377	0.6%	8	7	217	218	NM	3	150	149
Georgia	304	298	2.0%	0	0	48	46	NM	NM	254	250
Maryland	41	42	-0.6%	0	0	28	26	NM	NM	10	13
North Carolina	187	202	-7.4%	0	0	80	100	NM	4	103	98
South Carolina	164	183	-10.6%	35	33	NM	7	0	0	122	143
Virginia	288	269	7.1%	94	70	83	77	14	15	96	107
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	479	485	-1.3%	7	7	27	23	0	0	445	454
Alabama	244	252	-3.3%	0	0	20	17	0	0	223	235
Kentucky	40	38	5.5%	7	7	0	0	0	0	33	31
Mississippi	117	117	0.2%	0	1	NM	NM	0	0	116	116
Tennessee	78	78	0.1%	0	0	6	5	0	0	72	72
West South Central	544	483	12.7%	16	0	84	73	NM	3	441	407
Arkansas	136	122	11.0%	0	0	10	9	NM	NM	126	113
Louisiana	218	205	6.1%	0	0	5	5	0	0	213	200
Oklahoma	25	24	1.1%	0	0	0	0	0	0	25	24
Texas	166	131	26.8%	16	0	69	59	NM	3	78	69
Mountain	79	80	-1.6%	NM	3	46	45	0	0	30	31
Arizona	18	18	0.7%	NM	2	17	16	0	0	0	0
Colorado	7	7	-2.0%	0	1	7	6	0	0	0	0
Idaho	46	47	-3.0%	NM	NM	15	15	0	0	30	31
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	NM	2	NM	0	0	NM	2	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	5	5	1.2%	0	0	5	5	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	716	714	0.2%	53	55	404	376	73	78	187	205
California	507	491	3.3%	17	17	367	340	70	76	52	58
Oregon	81	84	-4.2%	4	4	30	29	NM	NM	45	49
Washington	129	140	-7.7%	31	34	7	7	NM	NM	90	98
Pacific Noncontiguous	35	27	25.5%	4	2	0	0	20	16	11	10
Alaska	NM	4	NM	0	0	0	0	NM	3	NM	NM
Hawaii	30	23	26.9%	4	2	0	0	16	13	10	9
U.S. Total	4,902	4,811	1.9%	360	331	2,102	2,027	197	191	2,243	2,262

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.18.B. Net Generation from Biomass

by State, by Sector, Year-to-Date through February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	1,344	1,287	4.5%	115	129	903	808	27	27	299	322
Connecticut	125	122	2.9%	0	0	120	117	NM	5	0	0
Maine	640	621	3.0%	0	0	325	283	15	16	299	322
Massachusetts	184	176	4.3%	0	0	183	176	NM	NM	0	0
New Hampshire	269	248	8.5%	57	67	207	176	5	6	0	0
Rhode Island	38	27	39.9%	0	0	38	27	0	0	0	0
Vermont	88	92	-4.4%	58	62	30	30	NM	NM	0	0
Middle Atlantic	922	879	4.8%	0	0	700	659	78	76	144	144
New Jersey	153	152	0.7%	0	0	126	127	27	25	0	0
New York	374	368	1.7%	0	0	297	288	34	36	43	44
Pennsylvania	395	360	9.8%	0	0	277	244	17	15	101	100
East North Central	995	1,025	-2.9%	93	112	578	604	30	28	294	280
Illinois	101	99	2.3%	0	0	101	99	0	0	0	0
Indiana	60	58	2.5%	49	48	0	0	NM	3	7	7
Michigan	437	464	-5.7%	0	0	284	315	24	22	130	127
Ohio	130	123	5.3%	NM	NM	70	68	0	0	58	54
Wisconsin	267	280	-4.8%	41	62	123	123	NM	3	99	92
West North Central	336	329	2.0%	82	74	147	144	20	17	86	94
Iowa	25	25	-0.2%	4	4	13	13	4	4	3	4
Kansas	9	9	3.2%	0	0	9	9	0	0	0	0
Minnesota	267	266	0.4%	63	56	121	119	5	4	77	86
Missouri	20	16	21.5%	7	6	3	3	8	6	NM	NM
Nebraska	11	10	3.0%	8	7	0	0	NM	3	0	0
North Dakota	NM	3	NM	0	0	0	0	0	0	NM	3
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	2,971	2,935	1.2%	304	254	971	1,001	61	59	1,635	1,622
Delaware	9	9	2.7%	0	0	9	9	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	814	805	1.1%	17	15	454	458	9	6	335	326
Georgia	679	649	4.5%	0	0	97	96	5	4	578	549
Maryland	91	92	-1.2%	0	0	60	59	NM	6	23	26
North Carolina	390	415	-6.0%	0	0	168	209	9	10	213	197
South Carolina	346	387	-10.6%	74	74	15	16	0	0	257	298
Virginia	641	577	11.0%	212	165	168	154	32	33	230	226
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	1,013	1,028	-1.4%	15	16	54	49	0	0	943	963
Alabama	521	543	-4.0%	0	0	40	35	0	0	481	507
Kentucky	85	83	2.2%	15	15	0	0	0	0	70	68
Mississippi	243	238	1.9%	0	1	NM	2	0	0	241	235
Tennessee	165	164	0.4%	0	0	12	12	0	0	152	152
West South Central	1,090	1,008	8.2%	16	0	154	147	8	7	912	853
Arkansas	276	252	9.9%	0	0	21	19	NM	NM	255	232
Louisiana	451	433	4.3%	0	0	12	11	0	0	440	421
Oklahoma	52	52	0.0%	0	0	0	0	0	0	52	52
Texas	310	271	14.3%	16	0	122	117	7	7	165	148
Mountain	170	165	2.6%	6	6	99	98	0	0	65	61
Arizona	39	39	1.5%	4	4	35	35	0	0	0	0
Colorado	14	14	-1.1%	0	1	14	13	0	0	0	0
Idaho	98	95	3.6%	NM	NM	32	32	0	0	65	61
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	4	4	2.6%	0	0	4	4	0	0	0	0
New Mexico	NM	3	NM	0	0	NM	3	0	0	0	0
Utah	11	11	2.9%	0	0	11	11	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,559	1,544	1.0%	123	119	889	839	160	172	387	413
California	1,113	1,084	2.7%	38	34	810	761	155	167	111	121
Oregon	172	176	-2.1%	9	9	64	64	NM	3	95	100
Washington	274	285	-3.9%	75	76	15	15	NM	NM	181	192
Pacific Noncontiguous	72	64	11.9%	9	5	0	0	40	38	23	22
Alaska	10	9	7.2%	0	0	0	0	8	8	NM	NM
Hawaii	62	55	12.7%	9	5	0	0	32	30	21	20
U.S. Total	10,471	10,264	2.0%	763	714	4,496	4,350	423	425	4,788	4,774

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.19.A. Net Generation from Geothermal
by State, by Sector, February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	--	0	0	0	0	0	0	0	0
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	0	0	--	0	0	0	0	0	0	0	0
East North Central	0	0	--	0	0	0	0	0	0	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	0	0	--	0	0	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	0	0	--	0	0	0	0	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	--	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	0	0	--	0	0	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	318	288	10.3%	20	23	298	265	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	NM	4	NM	0	0	NM	4	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	271	241	12.4%	0	0	271	241	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	41	42	-2.3%	20	23	21	19	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	996	960	3.7%	64	61	932	899	0	0	0	0
California	979	942	3.9%	64	61	915	881	0	0	0	0
Oregon	17	18	-4.3%	0	0	17	18	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	16	24	-32.8%	0	0	16	24	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	16	24	-32.8%	0	0	16	24	0	0	0	0
U.S. Total	1,330	1,272	4.5%	83	84	1,246	1,188	0	0	0	0

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.19.B. Net Generation from Geothermal

by State, by Sector, Year-to-Date through February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	--	0	0	0	0	0	0	0	0
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	0	0	--	0	0	0	0	0	0	0	0
East North Central	0	0	--	0	0	0	0	0	0	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	0	0	--	0	0	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	0	0	--	0	0	0	0	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	--	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	0	0	--	0	0	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	646	614	5.1%	43	49	602	565	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	8	8	10.0%	0	0	8	8	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	545	513	6.4%	0	0	545	513	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	89	91	-2.2%	43	49	45	42	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	2,097	2,028	3.4%	135	133	1,962	1,895	0	0	0	0
California	2,061	1,990	3.6%	135	133	1,926	1,857	0	0	0	0
Oregon	36	38	-4.8%	0	0	36	38	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	35	49	-29.1%	0	0	35	49	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	35	49	-29.1%	0	0	35	49	0	0	0	0
U.S. Total	2,777	2,691	3.2%	178	182	2,599	2,509	0	0	0	0

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.20.A. Net Generation from Solar
by State, by Sector, February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	49	19	154.8%	NM	NM	47	19	NM	NM	0	0
Connecticut	NM	NM	NM	0	0	NM	NM	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	42	16	160.1%	NM	NM	40	16	NM	NM	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	4	NM	NM	0	0	4	NM	0	0	0	0
Middle Atlantic	75	45	69.1%	7	NM	54	34	13	8	NM	NM
New Jersey	62	36	73.1%	7	NM	42	25	13	8	NM	NM
New York	6	5	37.4%	0	0	6	5	NM	0	0	0
Pennsylvania	7	NM	NM	0	0	6	NM	NM	NM	NM	NM
East North Central	25	13	94.7%	NM	NM	23	12	NM	NM	NM	0
Illinois	5	NM	NM	NM	0	5	NM	0	0	0	0
Indiana	15	6	134.3%	NM	0	14	6	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	6	NM	NM	NM	NM	4	NM	NM	NM	NM	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	NM	NM	NM	0	0	NM	NM	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	NM	0	--	0	0	NM	0	0	0	0	0
Minnesota	NM	NM	NM	0	0	NM	NM	0	0	0	0
Missouri	NM	0	--	0	0	NM	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	142	76	87.0%	8	14	126	56	8	6	0	0
Delaware	4	NM	NM	NM	NM	4	NM	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	11	15	-29.8%	5	13	5	NM	NM	NM	0	0
Georgia	10	8	27.4%	NM	0	9	8	NM	NM	0	0
Maryland	8	6	30.4%	NM	NM	7	5	NM	NM	0	0
North Carolina	109	43	153.6%	NM	NM	101	37	7	NM	0	0
South Carolina	NM	NM	NM	0	0	NM	NM	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	7	NM	NM	0	0	7	NM	NM	NM	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	7	NM	NM	0	0	7	NM	NM	NM	0	0
West South Central	24	14	70.6%	0	0	24	14	NM	NM	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	24	14	70.6%	0	0	24	14	NM	NM	0	0
Mountain	387	288	34.3%	43	28	339	256	6	NM	NM	NM
Arizona	212	189	12.2%	33	22	177	166	NM	NM	0	0
Colorado	19	18	5.0%	0	0	17	17	NM	NM	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	114	54	110.5%	0	0	111	52	NM	NM	NM	NM
New Mexico	43	27	55.1%	9	6	33	22	0	0	0	0
Utah	NM	NM	NM	0	0	NM	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	917	437	109.6%	37	28	872	404	7	6	NM	NM
California	915	436	110.0%	36	27	871	403	7	6	NM	NM
Oregon	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Washington	0	0	53.3%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	5	NM	NM	NM	0	3	NM	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	5	NM	NM	NM	0	3	NM	0	0	0	0
U.S. Total	1,634	896	82.3%	101	73	1,497	798	35	24	NM	NM

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.20.B. Net Generation from Solar

by State, by Sector, Year-to-Date through February 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	81	37	121.2%	NM	NM	78	36	NM	NM	0	0
Connecticut	NM	NM	NM	0	0	NM	NM	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	70	31	126.3%	NM	NM	67	30	NM	NM	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	7	NM	NM	0	0	7	NM	0	0	0	0
Middle Atlantic	125	80	55.4%	12	NM	89	61	22	14	NM	NM
New Jersey	102	65	57.2%	12	NM	69	46	22	14	NM	NM
New York	11	8	41.5%	0	0	11	8	NM	0	0	0
Pennsylvania	11	NM	NM	0	0	10	NM	NM	NM	NM	NM
East North Central	42	24	74.3%	NM	NM	39	23	NM	NM	NM	0
Illinois	8	NM	NM	NM	0	8	NM	0	0	0	0
Indiana	25	12	107.1%	NM	0	24	12	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	9	NM	NM	NM	NM	7	NM	NM	NM	NM	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	NM	NM	NM	0	0	NM	NM	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	NM	0	--	0	0	NM	0	0	0	0	0
Minnesota	NM	NM	NM	0	0	NM	NM	0	0	0	0
Missouri	NM	0	--	0	0	NM	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	250	142	76.5%	20	24	218	106	13	12	0	0
Delaware	7	NM	NM	NM	NM	6	NM	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	23	26	-12.2%	15	21	8	NM	NM	NM	0	0
Georgia	18	16	13.9%	NM	0	16	16	NM	NM	0	0
Maryland	13	12	15.2%	NM	NM	11	10	NM	NM	0	0
North Carolina	188	81	130.9%	NM	NM	176	70	11	11	0	0
South Carolina	NM	NM	NM	0	0	NM	NM	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	12	NM	NM	0	0	12	NM	NM	NM	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	12	NM	NM	0	0	12	NM	NM	NM	0	0
West South Central	44	29	53.2%	0	0	44	29	NM	NM	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	44	29	53.2%	0	0	44	29	NM	NM	0	0
Mountain	668	567	17.8%	73	53	586	506	9	8	NM	NM
Arizona	367	375	-1.9%	59	43	306	329	NM	NM	0	0
Colorado	32	33	-4.7%	0	0	29	32	NM	NM	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	196	106	84.9%	0	0	191	102	4	NM	NM	NM
New Mexico	73	53	37.3%	14	10	59	43	0	0	0	0
Utah	NM	NM	NM	0	0	NM	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,573	827	90.2%	60	53	1,500	763	12	10	NM	NM
California	1,569	824	90.6%	59	52	1,497	761	12	10	NM	NM
Oregon	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Washington	0	0	23.0%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	8	NM	NM	NM	0	NM	NM	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	8	NM	NM	NM	0	NM	NM	0	0	0	0
U.S. Total	2,807	1,712	63.9%	173	136	2,573	1,529	58	45	NM	NM

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.1.A. Coal: Consumption for Electricity Generation, by Sector, 2005-February 2015 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	1,041,448	761,349	272,218	377	7,504
2006	1,030,556	753,390	269,412	347	7,408
2007	1,046,795	764,765	276,581	361	5,089
2008	1,042,335	760,326	276,565	369	5,075
2009	934,683	695,615	234,077	317	4,674
2010	979,684	721,431	249,814	314	8,125
2011	934,938	689,316	239,541	347	5,735
2012	825,734	615,467	205,295	307	4,665
2013	860,729	638,327	217,219	513	4,670
2014	854,416	636,173	212,998	269	4,976
Year 2013					
January	75,049	55,688	18,919	55	386
February	67,129	49,022	17,700	50	358
March	70,469	52,038	17,979	49	404
April	60,807	45,540	14,852	40	374
May	64,688	48,328	15,922	40	399
June	75,054	56,015	18,605	38	395
July	83,213	61,387	21,360	38	429
August	81,970	61,396	20,127	38	408
Sept	72,723	53,126	19,179	38	380
October	66,348	49,423	16,521	37	367
November	65,959	49,621	15,930	42	366
December	77,319	56,743	20,125	47	404
Year 2014					
January	83,600	62,364	20,755	31	449
February	76,252	56,134	19,675	30	413
March	72,234	52,897	18,876	27	435
April	58,151	42,217	15,546	20	369
May	64,018	47,901	15,694	18	405
June	74,488	56,639	17,393	21	435
July	81,580	61,315	19,793	21	450
August	81,164	61,258	19,444	20	442
Sept	69,242	51,465	17,335	19	422
October	61,323	45,819	15,103	16	385
November	64,633	47,394	16,841	21	376
December	67,730	50,769	16,543	24	394
Year 2015					
January	71,518	52,825	18,288	26	379
February	67,181	49,883	16,907	26	365
Year to Date					
2013	142,178	104,710	36,619	105	744
2014	159,852	118,499	40,430	61	862
2015	138,700	102,708	35,195	53	743
Rolling 12 Months Ending in February					
2014	878,402	652,115	221,030	469	4,788
2015	833,264	620,383	207,763	261	4,857

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.1.B. Coal: Consumption for Useful Thermal Output, by Sector, 2005-February 2015 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	23,833	0	3,918	1,544	18,371
2006	23,227	0	3,834	1,539	17,854
2007	22,810	0	3,795	1,566	17,449
2008	22,168	0	3,689	1,652	16,827
2009	20,507	0	3,935	1,481	15,091
2010	21,727	0	3,808	1,406	16,513
2011	21,532	0	3,628	1,321	16,584
2012	19,333	0	2,790	1,143	15,400
2013	18,350	0	2,416	843	15,090
2014	18,218	0	2,257	1,054	14,907
Year 2013					
January	1,699	0	225	94	1,381
February	1,527	0	198	88	1,242
March	1,631	0	203	83	1,345
April	1,442	0	192	59	1,191
May	1,479	0	194	66	1,219
June	1,428	0	197	63	1,168
July	1,527	0	219	63	1,245
August	1,496	0	215	63	1,218
Sept	1,404	0	196	58	1,150
October	1,470	0	164	53	1,253
November	1,599	0	212	70	1,318
December	1,647	0	203	83	1,362
Year 2014					
January	1,721	0	193	115	1,413
February	1,600	0	195	115	1,290
March	1,760	0	243	113	1,403
April	1,498	0	207	90	1,202
May	1,492	0	195	74	1,222
June	1,394	0	191	67	1,136
July	1,490	0	200	77	1,213
August	1,474	0	183	70	1,221
Sept	1,413	0	168	71	1,174
October	1,406	0	153	71	1,181
November	1,480	0	178	93	1,209
December	1,491	0	152	97	1,242
Year 2015					
January	1,583	0	176	102	1,306
February	1,387	0	166	92	1,129
Year to Date					
2013	3,226	0	423	181	2,622
2014	3,321	0	387	231	2,703
2015	2,970	0	342	194	2,435
Rolling 12 Months Ending in February					
2014	18,444	0	2,381	893	15,171
2015	17,868	0	2,211	1,018	14,639

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.1.C. Coal: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2005-February 2015 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	1,065,281	761,349	276,135	1,922	25,875
2006	1,053,783	753,390	273,246	1,886	25,262
2007	1,069,606	764,765	280,377	1,927	22,537
2008	1,064,503	760,326	280,254	2,021	21,902
2009	955,190	695,615	238,012	1,798	19,766
2010	1,001,411	721,431	253,621	1,720	24,638
2011	956,470	689,316	243,168	1,668	22,319
2012	845,066	615,467	208,085	1,450	20,065
2013	879,078	638,327	219,635	1,356	19,761
2014	872,634	636,173	215,255	1,323	19,883
Year 2013					
January	76,748	55,688	19,144	149	1,767
February	68,656	49,022	17,897	137	1,600
March	72,100	52,038	18,182	132	1,748
April	62,249	45,540	15,044	100	1,565
May	66,168	48,328	16,116	105	1,618
June	76,482	56,015	18,802	102	1,563
July	84,740	61,387	21,580	100	1,674
August	83,466	61,396	20,342	102	1,626
Sept	74,127	53,126	19,375	96	1,530
October	67,818	49,423	16,685	91	1,620
November	67,559	49,621	16,142	112	1,683
December	78,966	56,743	20,327	130	1,765
Year 2014					
January	85,321	62,364	20,948	146	1,862
February	77,852	56,134	19,870	145	1,703
March	73,994	52,897	19,119	140	1,838
April	59,650	42,217	15,752	109	1,571
May	65,510	47,901	15,889	92	1,627
June	75,882	56,639	17,584	88	1,571
July	83,070	61,315	19,992	98	1,664
August	82,638	61,258	19,627	90	1,663
Sept	70,655	51,465	17,503	91	1,596
October	62,729	45,819	15,256	88	1,566
November	66,112	47,394	17,019	114	1,585
December	69,221	50,769	16,695	121	1,636
Year 2015					
January	73,101	52,825	18,463	128	1,684
February	68,569	49,883	17,073	119	1,494
Year to Date					
2013	145,405	104,710	37,042	286	3,367
2014	163,173	118,499	40,817	291	3,566
2015	141,670	102,708	35,537	247	3,178
Rolling 12 Months Ending in February					
2014	896,847	652,115	223,411	1,361	19,959
2015	851,131	620,383	209,974	1,279	19,496

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.2.A. Petroleum Liquids: Consumption for Electricity Generation, by Sector, 2005-February 2015 (Thousand Barrels)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	165,137	98,223	62,154	580	4,180
2006	73,821	53,529	17,179	327	2,786
2007	82,433	56,910	22,793	250	2,480
2008	53,846	38,995	13,152	160	1,538
2009	43,562	31,847	9,880	184	1,652
2010	40,103	30,806	8,278	164	855
2011	27,326	20,844	5,633	133	716
2012	22,604	17,521	4,110	272	702
2013	23,231	16,827	5,494	328	582
2014	32,084	20,197	10,682	565	640
Year 2013					
January	2,962	1,809	1,036	47	69
February	1,890	1,279	526	35	51
March	1,639	1,334	232	24	50
April	1,685	1,335	282	24	43
May	1,789	1,419	294	20	55
June	1,699	1,321	319	18	41
July	2,546	1,732	740	31	43
August	1,776	1,402	306	26	41
Sept	1,591	1,170	361	19	40
October	1,581	1,247	270	21	44
November	1,657	1,305	282	24	46
December	2,416	1,473	848	38	57
Year 2014					
January	10,637	4,743	5,543	235	117
February	3,131	1,896	1,090	75	70
March	3,602	1,931	1,519	77	74
April	1,498	1,245	205	19	NM
May	1,629	1,318	251	20	40
June	1,522	1,203	255	19	44
July	1,710	1,344	306	20	40
August	1,812	1,380	360	20	52
Sept	1,678	1,358	259	18	43
October	1,523	1,224	246	18	36
November	1,673	1,274	323	21	55
December	1,669	1,280	324	23	41
Year 2015					
January	3,395	2,128	1,119	72	76
February	8,847	3,716	4,811	219	102
Year to Date					
2013	4,852	3,088	1,562	83	120
2014	13,769	6,639	6,633	309	187
2015	12,243	5,844	5,930	291	178
Rolling 12 Months Ending in February					
2014	32,148	20,379	10,566	555	649
2015	30,558	19,402	9,978	547	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.2.B. Petroleum Liquids: Consumption for Useful Thermal Output, by Sector, 2005-February 2015 (Thousand Barrels)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	20,494	0	1,392	1,004	18,097
2006	14,077	0	1,153	559	12,365
2007	13,462	0	1,303	441	11,718
2008	7,533	0	1,311	461	5,762
2009	8,128	0	1,301	293	6,534
2010	4,866	0	1,086	212	3,567
2011	3,826	0	1,004	168	2,654
2012	3,097	0	992	122	1,984
2013	3,456	0	1,050	498	1,908
2014	4,289	0	1,197	869	2,223
Year 2013					
January	473	0	63	214	196
February	311	0	79	55	178
March	235	0	89	3	143
April	245	0	89	3	153
May	248	0	92	7	149
June	230	0	86	6	139
July	220	0	90	13	117
August	209	0	90	5	114
Sept	203	0	94	3	106
October	229	0	99	10	120
November	234	0	88	12	134
December	619	0	92	167	360
Year 2014					
January	1,113	0	193	381	539
February	486	0	98	123	266
March	491	0	109	132	251
April	225	0	88	21	NM
May	248	0	92	28	128
June	268	0	90	28	150
July	253	0	98	28	127
August	266	0	96	31	138
Sept	203	0	65	22	116
October	217	0	98	18	101
November	283	0	95	26	162
December	235	0	75	30	130
Year 2015					
January	570	0	107	121	341
February	1,005	0	198	362	444
Year to Date					
2013	784	0	142	268	374
2014	1,599	0	290	503	805
2015	1,575	0	306	483	786
Rolling 12 Months Ending in February					
2014	4,271	0	1,198	733	2,340
2015	4,264	0	1,212	849	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.2.C. Petroleum Liquids: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2005-February 2015 (Thousand Barrels)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	185,631	98,223	63,546	1,584	22,278
2006	87,898	53,529	18,332	886	15,150
2007	95,895	56,910	24,097	691	14,198
2008	61,379	38,995	14,463	621	7,300
2009	51,690	31,847	11,181	477	8,185
2010	44,968	30,806	9,364	376	4,422
2011	31,152	20,844	6,637	301	3,370
2012	25,702	17,521	5,102	394	2,685
2013	26,687	16,827	6,544	826	2,490
2014	36,373	20,197	11,879	1,433	2,863
Year 2013					
January	3,435	1,809	1,099	261	265
February	2,202	1,279	604	90	229
March	1,874	1,334	321	27	193
April	1,930	1,335	371	27	196
May	2,037	1,419	386	27	204
June	1,929	1,321	405	24	179
July	2,766	1,732	829	44	160
August	1,985	1,402	396	32	155
Sept	1,794	1,170	455	22	146
October	1,810	1,247	369	31	164
November	1,891	1,305	369	36	181
December	3,035	1,473	940	205	417
Year 2014					
January	11,750	4,743	5,736	616	655
February	3,618	1,896	1,188	197	337
March	4,093	1,931	1,628	209	325
April	1,722	1,245	293	41	NM
May	1,876	1,318	342	48	168
June	1,790	1,203	345	48	194
July	1,964	1,344	405	48	167
August	2,078	1,380	456	51	191
Sept	1,881	1,358	324	40	159
October	1,740	1,224	343	36	136
November	1,957	1,274	419	47	217
December	1,904	1,280	399	53	172
Year 2015					
January	3,965	2,128	1,226	193	417
February	9,852	3,716	5,009	582	546
Year to Date					
2013	5,636	3,088	1,703	351	494
2014	15,368	6,639	6,924	813	992
2015	13,817	5,844	6,235	775	963
Rolling 12 Months Ending in February					
2014	36,419	20,379	11,764	1,288	2,988
2015	34,822	19,402	11,190	1,396	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.3.A. Petroleum Coke: Consumption for Electricity Generation, by Sector, 2005-February 2015 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	8,330	4,130	3,746	1	452
2006	7,363	3,619	3,286	1	456
2007	6,036	2,808	2,715	2	512
2008	5,417	2,296	2,704	1	416
2009	4,821	2,761	1,724	1	335
2010	4,994	3,325	1,354	2	313
2011	5,012	3,449	1,277	1	286
2012	3,675	2,105	756	1	812
2013	4,852	3,409	779	1	662
2014	4,325	3,356	598	2	369
Year 2013					
January	385	253	67	0	65
February	314	220	62	0	32
March	364	236	67	0	60
April	342	217	62	0	63
May	469	361	41	0	68
June	476	348	63	0	66
July	474	337	72	0	65
August	491	332	93	0	66
Sept	442	326	60	0	57
October	404	289	64	0	51
November	308	217	60	0	30
December	381	272	69	0	39
Year 2014					
January	443	349	55	0	39
February	367	276	57	0	35
March	431	332	57	0	42
April	298	212	55	0	30
May	383	301	49	0	33
June	407	326	46	0	35
July	366	285	53	0	29
August	364	286	50	0	28
Sept	352	268	61	0	23
October	222	177	23	0	21
November	278	221	33	0	24
December	414	322	60	0	31
Year 2015					
January	386	300	57	0	30
February	404	317	57	0	30
Year to Date					
2013	699	473	129	0	97
2014	810	624	112	0	74
2015	791	617	114	1	60
Rolling 12 Months Ending in February					
2014	4,963	3,561	762	1	639
2015	4,306	3,348	600	2	356

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.3.B. Petroleum Coke: Consumption for Useful Thermal Output, by Sector, 2005-February 2015 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	783	0	206	8	568
2006	1,259	0	195	9	1,055
2007	1,262	0	162	11	1,090
2008	897	0	119	9	769
2009	1,007	0	126	8	873
2010	1,059	0	98	11	950
2011	1,080	0	112	6	962
2012	1,346	0	113	11	1,222
2013	1,486	0	96	11	1,379
2014	1,495	0	90	16	1,389
Year 2013					
January	137	0	9	2	127
February	103	0	7	1	94
March	129	0	9	1	119
April	114	0	9	0	105
May	130	0	8	0	123
June	130	0	5	0	125
July	140	0	9	0	132
August	162	0	8	1	152
Sept	115	0	7	1	107
October	118	0	9	1	108
November	92	0	8	1	83
December	115	0	9	1	105
Year 2014					
January	118	0	9	2	108
February	103	0	7	1	95
March	113	0	8	2	103
April	104	0	9	2	93
May	72	0	8	1	63
June	80	0	0	0	79
July	166	0	5	0	161
August	177	0	9	2	167
Sept	158	0	9	2	147
October	121	0	9	1	110
November	139	0	9	2	128
December	145	0	9	2	134
Year 2015					
January	129	0	10	2	117
February	123	0	9	2	112
Year to Date					
2013	239	0	16	3	221
2014	221	0	15	3	203
2015	253	0	18	4	230
Rolling 12 Months Ending in February					
2014	1,468	0	96	11	1,361
2015	1,527	0	93	18	1,416

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.3.C. Petroleum Coke: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2005-February 2015 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	9,113	4,130	3,953	9	1,020
2006	8,622	3,619	3,482	10	1,511
2007	7,299	2,808	2,877	12	1,602
2008	6,314	2,296	2,823	10	1,184
2009	5,828	2,761	1,850	9	1,209
2010	6,053	3,325	1,452	12	1,264
2011	6,092	3,449	1,388	6	1,248
2012	5,021	2,105	869	13	2,034
2013	6,338	3,409	875	12	2,041
2014	5,820	3,356	688	18	1,758
Year 2013					
January	522	253	76	2	191
February	416	220	69	2	126
March	493	236	76	2	180
April	456	217	71	0	168
May	600	361	48	0	191
June	606	348	68	0	191
July	614	337	80	0	197
August	653	332	101	2	218
Sept	558	326	67	1	164
October	522	289	73	1	158
November	400	217	68	1	114
December	496	272	78	2	144
Year 2014					
January	561	349	64	2	146
February	471	276	63	2	130
March	544	332	65	2	144
April	401	212	64	2	124
May	455	301	57	1	97
June	487	326	46	0	115
July	532	285	57	0	190
August	541	286	59	2	194
Sept	510	268	70	2	170
October	342	177	32	2	131
November	417	221	42	2	152
December	559	322	69	2	165
Year 2015					
January	516	300	67	3	147
February	528	317	65	2	143
Year to Date					
2013	939	473	145	3	317
2014	1,031	624	127	3	276
2015	1,044	617	132	5	290
Rolling 12 Months Ending in February					
2014	6,431	3,561	858	12	2,001
2015	5,832	3,348	693	20	1,772

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.4.A. Natural Gas: Consumption for Electricity Generation, by Sector, 2005-February 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	6,036,370	2,134,859	3,349,921	33,785	517,805
2006	6,461,615	2,478,396	3,412,826	34,623	535,770
2007	7,089,342	2,736,418	3,765,194	34,087	553,643
2008	6,895,843	2,730,134	3,612,197	33,403	520,109
2009	7,121,069	2,911,279	3,655,712	34,279	519,799
2010	7,680,185	3,290,993	3,794,423	39,462	555,307
2011	7,883,865	3,446,087	3,819,107	47,170	571,501
2012	9,484,710	4,101,927	4,686,260	63,116	633,407
2013	8,596,299	3,970,447	3,917,131	66,570	642,152
2014	8,502,964	3,723,837	4,106,823	63,797	608,507
Year 2013					
January	666,650	310,174	296,071	5,247	55,159
February	599,100	278,139	266,731	4,807	49,424
March	637,349	293,545	285,259	5,365	53,180
April	595,667	268,467	272,544	5,095	49,562
May	646,296	295,973	294,795	5,160	50,369
June	771,868	363,204	349,597	5,582	53,485
July	949,141	432,493	451,078	7,169	58,401
August	937,197	442,939	430,139	6,449	57,671
Sept	784,619	365,005	361,481	6,005	52,128
October	669,764	312,216	300,858	4,993	51,697
November	633,885	284,526	291,241	4,881	53,237
December	704,762	323,768	317,338	5,817	57,840
Year 2014					
January	693,701	309,154	323,905	5,723	54,919
February	576,829	248,391	274,859	5,194	48,385
March	589,375	256,913	274,764	5,253	52,446
April	578,188	255,080	270,394	4,837	47,877
May	675,243	314,387	307,894	4,812	48,150
June	752,363	335,439	362,926	5,099	48,899
July	875,603	379,006	438,296	5,690	52,612
August	929,599	410,371	460,830	5,902	52,497
Sept	803,586	341,201	406,533	5,543	50,309
October	730,714	308,587	369,739	5,340	47,048
November	630,894	274,273	300,545	5,079	50,997
December	666,868	291,034	316,139	5,327	54,369
Year 2015					
January	744,386	327,173	357,433	5,408	54,372
February	674,793	307,810	316,262	4,633	46,088
Year to Date					
2013	1,265,750	588,313	562,802	10,053	104,582
2014	1,270,530	557,546	598,764	10,916	103,304
2015	1,419,179	634,983	673,695	10,041	100,460
Rolling 12 Months Ending in February					
2014	8,601,079	3,939,680	3,953,094	67,432	640,873
2015	8,651,613	3,801,274	4,181,754	62,922	605,663

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.4.B. Natural Gas: Consumption for Useful Thermal Output, by Sector, 2005-February 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	984,340	0	384,365	34,172	565,803
2006	942,817	0	330,878	33,112	578,828
2007	872,579	0	339,796	35,987	496,796
2008	793,537	0	326,048	32,813	434,676
2009	816,787	0	305,542	41,275	469,970
2010	821,775	0	301,769	46,324	473,683
2011	839,681	0	308,669	39,856	491,155
2012	886,103	0	322,607	47,883	515,613
2013	882,385	0	303,177	51,057	528,151
2014	877,106	0	318,451	48,004	510,651
Year 2013					
January	74,638	0	25,440	4,277	44,920
February	67,391	0	23,519	3,883	39,989
March	73,151	0	25,107	4,051	43,993
April	70,245	0	23,817	3,571	42,857
May	70,784	0	24,040	3,703	43,041
June	70,610	0	24,349	4,045	42,216
July	78,649	0	27,553	4,968	46,128
August	78,207	0	27,452	4,811	45,943
Sept	72,884	0	24,996	4,358	43,529
October	72,095	0	23,964	4,137	43,993
November	73,889	0	25,253	4,336	44,300
December	79,843	0	27,687	4,915	47,241
Year 2014					
January	83,146	0	29,951	4,988	48,208
February	70,254	0	25,737	4,099	40,417
March	75,879	0	27,211	3,919	44,750
April	69,916	0	24,871	3,722	41,322
May	67,839	0	25,369	3,659	38,810
June	69,467	0	25,670	3,583	40,213
July	71,858	0	26,661	3,663	41,534
August	74,509	0	27,513	4,010	42,986
Sept	70,872	0	25,097	3,789	41,986
October	72,080	0	25,339	4,068	42,674
November	73,467	0	26,525	4,155	42,788
December	77,820	0	28,508	4,348	44,964
Year 2015					
January	79,631	0	28,268	4,862	46,501
February	72,565	0	25,489	4,536	42,540
Year to Date					
2013	142,029	0	48,959	8,160	84,910
2014	153,400	0	55,688	9,087	88,624
2015	152,196	0	53,756	9,398	89,041
Rolling 12 Months Ending in February					
2014	893,756	0	309,906	51,984	531,866
2015	875,903	0	316,519	48,315	511,068

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.4.C. Natural Gas: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2005-February 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	7,020,709	2,134,859	3,734,286	67,957	1,083,607
2006	7,404,432	2,478,396	3,743,704	67,735	1,114,597
2007	7,961,922	2,736,418	4,104,991	70,074	1,050,439
2008	7,689,380	2,730,134	3,938,245	66,216	954,785
2009	7,937,856	2,911,279	3,961,254	75,555	989,769
2010	8,501,960	3,290,993	4,096,192	85,786	1,028,990
2011	8,723,546	3,446,087	4,127,777	87,026	1,062,657
2012	10,370,812	4,101,927	5,008,867	110,999	1,149,020
2013	9,478,685	3,970,447	4,220,309	117,626	1,170,303
2014	9,380,070	3,723,837	4,425,274	111,801	1,119,158
Year 2013					
January	741,288	310,174	321,512	9,524	100,079
February	666,492	278,139	290,249	8,690	89,413
March	710,500	293,545	310,365	9,417	97,174
April	665,912	268,467	296,361	8,666	92,419
May	717,080	295,973	318,835	8,863	93,410
June	842,478	363,204	373,946	9,627	95,701
July	1,027,790	432,493	478,631	12,137	104,529
August	1,015,404	442,939	457,592	11,260	103,614
Sept	857,503	365,005	386,477	10,363	95,657
October	741,859	312,216	324,822	9,130	95,691
November	707,774	284,526	316,494	9,218	97,537
December	784,605	323,768	345,024	10,732	105,081
Year 2014					
January	776,847	309,154	353,856	10,711	103,127
February	647,083	248,391	300,597	9,293	88,802
March	665,254	256,913	301,974	9,171	97,196
April	648,104	255,080	295,265	8,560	89,199
May	743,082	314,387	333,263	8,472	86,960
June	821,830	335,439	388,596	8,683	89,112
July	947,462	379,006	464,957	9,353	94,146
August	1,004,108	410,371	488,342	9,912	95,483
Sept	874,458	341,201	431,630	9,332	92,295
October	802,794	308,587	395,078	9,408	89,722
November	704,361	274,273	327,069	9,233	93,785
December	744,688	291,034	344,647	9,674	99,333
Year 2015					
January	824,017	327,173	385,701	10,270	100,873
February	747,358	307,810	341,750	9,169	88,628
Year to Date					
2013	1,407,780	588,313	611,761	18,214	189,492
2014	1,423,930	557,546	654,452	20,003	191,928
2015	1,571,375	634,983	727,451	19,439	189,501
Rolling 12 Months Ending in February					
2014	9,494,835	3,939,680	4,263,000	119,416	1,172,739
2015	9,527,515	3,801,274	4,498,273	111,237	1,116,731

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.5.A. Landfill Gas: Consumption for Electricity Generation, by Sector, 2005-February 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	141,899	11,490	123,064	4,797	2,548
2006	160,033	16,617	136,108	6,644	664
2007	166,774	17,442	144,104	4,598	630
2008	195,777	20,465	169,547	5,235	530
2009	206,792	19,583	180,689	5,931	589
2010	218,331	19,975	192,428	5,535	393
2011	232,795	22,086	180,856	29,469	384
2012	256,376	25,193	201,965	26,672	2,545
2013	271,967	27,259	211,942	28,143	4,623
2014	313,570	33,312	247,487	27,676	5,096
Year 2013					
January	22,446	2,169	17,413	2,494	371
February	20,061	1,962	15,670	2,098	331
March	23,296	2,302	18,243	2,384	366
April	21,467	2,261	16,911	1,942	353
May	23,275	2,317	18,229	2,343	387
June	22,614	2,168	17,652	2,407	387
July	23,199	2,109	18,232	2,469	389
August	24,445	2,964	18,590	2,515	377
Sept	22,680	2,272	17,654	2,366	388
October	22,199	2,286	17,082	2,432	400
November	22,709	2,210	17,825	2,252	422
December	23,576	2,241	18,441	2,441	453
Year 2014					
January	27,091	2,832	21,015	2,743	501
February	23,537	2,481	18,251	2,398	408
March	26,931	2,849	21,125	2,511	446
April	26,222	2,788	20,736	2,280	418
May	26,175	2,785	20,799	2,205	385
June	26,101	2,787	20,855	2,083	376
July	27,329	2,917	21,786	2,228	398
August	26,616	2,829	21,057	2,320	411
Sept	25,348	2,717	20,111	2,131	389
October	26,154	2,799	20,625	2,295	434
November	25,486	2,731	20,286	2,016	453
December	26,580	2,798	20,841	2,466	476
Year 2015					
January	27,317	2,852	21,195	2,764	505
February	23,447	2,442	18,227	2,349	430
Year to Date					
2013	42,507	4,131	33,083	4,592	702
2014	50,628	5,313	39,266	5,140	909
2015	50,764	5,293	39,422	5,113	935
Rolling 12 Months Ending in February					
2014	280,088	28,441	218,125	28,692	4,830
2015	313,706	33,292	247,643	27,649	5,122

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.5.B. Landfill Gas: Consumption for Useful Thermal Output, by Sector, 2005-February 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	1,923	0	965	435	522
2006	2,051	0	525	1,094	433
2007	1,988	0	386	1,102	501
2008	1,025	0	454	433	138
2009	793	0	545	176	72
2010	1,623	0	1,195	370	58
2011	3,195	0	2,753	351	91
2012	3,189	0	2,788	340	61
2013	831	0	261	423	147
2014	1,803	0	1,016	596	191
Year 2013					
January	64	0	18	33	12
February	64	0	22	30	11
March	60	0	23	24	13
April	76	0	28	37	11
May	86	0	35	40	11
June	79	0	30	37	12
July	87	0	35	39	13
August	77	0	27	37	13
Sept	65	0	17	35	12
October	62	0	15	35	12
November	54	0	4	38	12
December	59	0	8	38	13
Year 2014					
January	230	0	127	72	31
February	211	0	114	59	37
March	152	0	82	51	19
April	83	0	49	34	0
May	88	0	49	35	4
June	65	0	37	28	0
July	73	0	42	31	0
August	80	0	46	34	0
Sept	75	0	44	31	0
October	234	0	134	72	28
November	264	0	153	75	36
December	247	0	139	73	35
Year 2015					
January	355	0	207	96	53
February	320	0	182	83	54
Year to Date					
2013	127	0	40	64	23
2014	441	0	241	131	68
2015	675	0	389	179	107
Rolling 12 Months Ending in February					
2014	1,145	0	462	491	192
2015	2,037	0	1,163	644	230

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.5.C. Landfill Gas: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2005-February 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	143,822	11,490	124,030	5,232	3,070
2006	162,084	16,617	136,632	7,738	1,096
2007	168,762	17,442	144,490	5,699	1,131
2008	196,802	20,465	170,001	5,668	668
2009	207,585	19,583	181,234	6,106	661
2010	219,954	19,975	193,623	5,905	451
2011	235,990	22,086	183,609	29,820	474
2012	259,564	25,193	204,753	27,012	2,606
2013	272,798	27,259	212,203	28,566	4,770
2014	315,373	33,312	248,503	28,272	5,287
Year 2013					
January	22,510	2,169	17,431	2,527	383
February	20,125	1,962	15,692	2,128	342
March	23,355	2,302	18,267	2,408	378
April	21,542	2,261	16,939	1,979	364
May	23,361	2,317	18,263	2,383	398
June	22,693	2,168	17,682	2,443	400
July	23,286	2,109	18,267	2,508	402
August	24,522	2,964	18,617	2,552	390
Sept	22,744	2,272	17,671	2,402	400
October	22,261	2,286	17,096	2,467	413
November	22,764	2,210	17,829	2,290	434
December	23,635	2,241	18,448	2,479	466
Year 2014					
January	27,321	2,832	21,142	2,814	532
February	23,748	2,481	18,365	2,457	445
March	27,083	2,849	21,207	2,562	465
April	26,305	2,788	20,785	2,314	418
May	26,263	2,785	20,848	2,240	389
June	26,166	2,787	20,892	2,111	376
July	27,402	2,917	21,828	2,259	398
August	26,695	2,829	21,102	2,354	411
Sept	25,423	2,717	20,155	2,162	389
October	26,388	2,799	20,759	2,367	463
November	25,750	2,731	20,439	2,092	489
December	26,827	2,798	20,980	2,539	511
Year 2015					
January	27,672	2,852	21,402	2,860	558
February	23,767	2,442	18,409	2,432	484
Year to Date					
2013	42,635	4,131	33,124	4,655	725
2014	51,069	5,313	39,507	5,271	977
2015	51,439	5,293	39,811	5,292	1,042
Rolling 12 Months Ending in February					
2014	281,232	28,441	218,587	29,183	5,022
2015	315,743	33,292	248,807	28,292	5,352

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.6.A. Biogenic Municipal Solid Waste: Consumption for Electricity Generation, by Sector, 2005-February 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	19,370	560	17,033	1,753	25
2006	19,629	500	17,343	1,761	25
2007	19,576	553	17,116	1,785	122
2008	19,805	509	17,487	1,809	0
2009	19,669	465	17,048	2,155	0
2010	19,437	402	16,802	2,233	0
2011	16,972	388	14,625	1,955	4
2012	16,968	418	14,235	2,304	12
2013	17,007	456	14,057	2,485	8
2014	15,755	444	13,069	2,234	8
Year 2013					
January	1,328	32	1,115	181	0
February	1,199	30	1,000	169	0
March	1,411	31	1,175	205	1
April	1,371	43	1,121	206	1
May	1,480	43	1,218	218	1
June	1,503	40	1,242	220	1
July	1,549	44	1,278	226	1
August	1,478	40	1,213	224	1
Sept	1,408	38	1,154	216	1
October	1,403	41	1,155	206	0
November	1,350	40	1,107	203	0
December	1,528	35	1,280	213	1
Year 2014					
January	1,288	28	1,064	194	1
February	1,126	24	944	157	1
March	1,344	38	1,121	185	1
April	1,305	44	1,077	183	0
May	1,341	42	1,120	179	0
June	1,328	40	1,105	183	0
July	1,409	44	1,166	198	0
August	1,388	38	1,152	198	0
Sept	1,312	38	1,090	185	0
October	1,300	40	1,074	185	1
November	1,304	32	1,080	191	1
December	1,310	36	1,076	197	1
Year 2015					
January	1,287	31	1,064	192	1
February	1,132	24	943	165	1
Year to Date					
2013	2,527	62	2,115	349	1
2014	2,414	53	2,008	351	2
2015	2,420	55	2,007	356	2
Rolling 12 Months Ending in February					
2014	16,893	447	13,950	2,487	9
2015	15,761	446	13,067	2,239	8

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.6.B. Biogenic Municipal Solid Waste: Consumption for Useful Thermal Output, by Sector, 2005-February 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	2,719	0	623	1,536	560
2006	2,840	0	725	1,595	520
2007	2,219	0	768	1,136	315
2008	2,328	0	806	1,514	8
2009	2,426	0	823	1,466	137
2010	2,287	0	819	1,316	152
2011	2,044	0	742	1,148	154
2012	1,986	0	522	1,273	190
2013	1,865	0	517	1,160	187
2014	1,819	0	594	1,077	148
Year 2013					
January	156	0	42	98	17
February	143	0	40	91	12
March	167	0	47	104	16
April	164	0	40	109	15
May	153	0	32	105	16
June	167	0	47	103	17
July	158	0	45	95	18
August	155	0	44	93	17
Sept	152	0	39	97	16
October	150	0	46	91	13
November	141	0	46	82	14
December	159	0	48	94	16
Year 2014					
January	155	0	55	87	13
February	128	0	46	72	10
March	153	0	47	93	13
April	154	0	52	88	13
May	150	0	49	89	12
June	153	0	52	89	13
July	159	0	50	96	14
August	143	0	41	90	12
Sept	147	0	43	91	12
October	152	0	53	88	11
November	156	0	50	93	12
December	170	0	56	101	13
Year 2015					
January	173	0	66	94	13
February	129	0	46	74	9
Year to Date					
2013	299	0	82	188	29
2014	282	0	101	159	22
2015	302	0	112	168	22
Rolling 12 Months Ending in February					
2014	1,847	0	536	1,131	181
2015	1,839	0	605	1,087	147

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.6.C. Biogenic Municipal Solid Waste: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2005-February 2015 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2005	22,089	560	17,655	3,289	584
2006	22,469	500	18,068	3,356	545
2007	21,796	553	17,885	2,921	437
2008	22,134	509	18,294	3,323	8
2009	22,095	465	17,872	3,622	137
2010	21,725	402	17,621	3,549	152
2011	19,016	388	15,367	3,103	158
2012	18,954	418	14,757	3,577	203
2013	18,871	456	14,574	3,646	195
2014	17,574	444	13,663	3,311	156
Year 2013					
January	1,484	32	1,157	278	17
February	1,342	30	1,040	259	13
March	1,579	31	1,222	309	17
April	1,535	43	1,161	315	16
May	1,633	43	1,250	323	17
June	1,669	40	1,289	322	18
July	1,707	44	1,323	322	18
August	1,633	40	1,257	317	18
Sept	1,559	38	1,193	312	17
October	1,552	41	1,201	297	13
November	1,491	40	1,152	284	14
December	1,687	35	1,328	307	17
Year 2014					
January	1,442	28	1,119	281	14
February	1,253	24	990	229	10
March	1,497	38	1,168	278	13
April	1,459	44	1,130	272	14
May	1,491	42	1,169	268	12
June	1,481	40	1,156	271	13
July	1,568	44	1,216	294	14
August	1,531	38	1,193	288	13
Sept	1,459	38	1,132	276	13
October	1,452	40	1,127	273	13
November	1,460	32	1,131	284	14
December	1,480	36	1,132	298	14
Year 2015					
January	1,460	31	1,130	286	14
February	1,262	24	989	238	10
Year to Date					
2013	2,827	62	2,197	538	30
2014	2,696	53	2,109	510	24
2015	2,722	55	2,119	524	24
Rolling 12 Months Ending in February					
2014	18,740	447	14,486	3,618	190
2015	17,600	446	13,673	3,326	156

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report.

Table 2.7.A. Consumption of Coal for Electricity Generation by State, by Sector, February 2015 and February 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	511	542	-5.7%	142	120	366	421	0	0	3	1
Connecticut	126	128	-1.9%	0	0	126	128	0	0	0	0
Maine	5	2	125.0%	0	0	2	2	0	0	2	1
Massachusetts	238	292	-18.0%	0	0	238	291	0	0	NM	1
New Hampshire	142	120	19.0%	142	120	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	3,750	4,264	-12.0%	NM	NM	3,722	4,237	NM	1	24	26
New Jersey	184	211	-13.0%	0	0	184	211	0	0	0	0
New York	250	360	-31.0%	NM	NM	244	353	0	0	6	6
Pennsylvania	3,315	3,693	-10.0%	0	0	3,294	3,673	NM	1	18	19
East North Central	15,520	16,909	-8.2%	10,789	11,912	4,632	4,885	4	9	94	104
Illinois	4,294	4,562	-5.9%	440	517	3,800	3,990	2	2	52	53
Indiana	3,625	4,432	-18.0%	3,386	4,200	238	229	1	3	NM	1
Michigan	2,368	2,487	-4.8%	2,327	2,440	21	22	1	3	18	22
Ohio	3,467	3,614	-4.1%	2,888	2,960	574	645	NM	NM	6	9
Wisconsin	1,766	1,814	-2.7%	1,748	1,794	0	0	NM	NM	18	20
West North Central	11,364	12,218	-7.0%	11,208	12,044	1	1	6	8	148	165
Iowa	1,837	1,945	-5.5%	1,760	1,863	0	0	4	5	73	77
Kansas	1,265	1,559	-19.0%	1,265	1,559	0	0	0	0	0	0
Minnesota	1,446	1,571	-7.9%	1,412	1,527	0	0	0	0	35	44
Missouri	3,596	3,689	-2.5%	3,589	3,680	1	1	2	3	3	4
Nebraska	1,112	1,325	-16.0%	1,082	1,293	0	0	0	0	31	32
North Dakota	1,944	1,972	-1.4%	1,937	1,964	0	0	0	0	7	8
South Dakota	163	158	3.3%	163	158	0	0	0	0	0	0
South Atlantic	11,236	12,091	-7.1%	9,253	10,029	1,941	2,005	4	3	38	54
Delaware	84	90	-7.2%	0	0	84	90	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,407	1,950	-28.0%	1,405	1,941	0	5	0	0	NM	3
Georgia	1,924	2,263	-15.0%	1,920	2,253	0	0	0	0	4	10
Maryland	875	846	3.4%	0	0	871	841	NM	NM	3	4
North Carolina	1,916	1,979	-3.2%	1,894	1,931	NM	43	2	2	NM	4
South Carolina	1,045	994	5.2%	1,041	988	0	0	0	0	4	6
Virginia	908	1,017	-11.0%	832	932	71	77	NM	NM	5	8
West Virginia	3,077	2,951	4.3%	2,162	1,984	897	948	0	0	18	19
East South Central	7,088	7,799	-9.1%	6,781	7,496	286	279	NM	1	20	23
Alabama	1,608	2,121	-24.0%	1,604	2,117	0	0	0	0	4	4
Kentucky	3,471	3,525	-1.5%	3,471	3,525	0	0	0	0	0	0
Mississippi	514	630	-18.0%	228	351	286	279	0	0	0	0
Tennessee	1,495	1,523	-1.9%	1,478	1,503	0	0	NM	1	16	20
West South Central	10,052	12,576	-20.0%	4,914	6,400	5,130	6,165	0	0	NM	11
Arkansas	1,236	1,742	-29.0%	1,004	1,491	231	249	0	0	1	2
Louisiana	1,050	906	16.0%	534	252	516	654	0	0	0	0
Oklahoma	1,291	1,583	-18.0%	1,207	1,496	77	78	0	0	NM	10
Texas	6,473	8,345	-22.0%	2,168	3,161	4,305	5,184	0	0	0	0
Mountain	7,560	8,968	-16.0%	6,779	7,911	760	1,036	0	0	22	21
Arizona	1,246	1,611	-23.0%	1,246	1,611	0	0	0	0	0	0
Colorado	1,473	1,623	-9.2%	1,472	1,621	NM	NM	0	0	NM	NM
Idaho	2	2	-2.9%	0	0	0	0	0	0	2	2
Montana	687	922	-25.0%	NM	NM	665	898	0	0	NM	NM
Nevada	99	377	-74.0%	62	301	37	77	0	0	0	0
New Mexico	833	1,024	-19.0%	833	1,024	0	0	0	0	0	0
Utah	1,206	1,165	3.5%	1,182	1,140	NM	NM	0	0	0	0
Wyoming	2,014	2,244	-10.0%	1,961	2,191	NM	NM	0	0	19	18
Pacific Contiguous	7	796	-99.0%	0	206	NM	584	0	0	6	6
California	6	6	16.0%	0	0	NM	NM	0	0	5	5
Oregon	0	206	-100.0%	0	206	0	0	0	0	0	0
Washington	1	585	-100.0%	0	0	0	584	0	0	1	1
Pacific Noncontiguous	93	88	5.9%	16	16	68	62	8	8	NM	NM
Alaska	41	41	-0.2%	16	16	17	17	8	8	0	0
Hawaii	52	46	11.0%	0	0	50	45	0	0	NM	NM
U.S. Total	67,181	76,252	-12.0%	49,883	56,134	16,907	19,675	26	30	365	413

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.7.B. Consumption of Coal for Electricity Generation by State, by Sector, Year-to-Date through February 2015 and February 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	1,014	1,038	-2.4%	277	249	732	785	0	0	5	4
Connecticut	245	228	7.5%	0	0	245	228	0	0	0	0
Maine	8	6	39.0%	0	0	4	3	0	0	4	2
Massachusetts	483	555	-13.0%	0	0	482	554	0	0	1	1
New Hampshire	277	249	11.0%	277	249	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	7,505	8,718	-14.0%	NM	NM	7,448	8,661	7	2	48	53
New Jersey	317	379	-16.0%	0	0	317	379	0	0	0	0
New York	408	771	-47.0%	NM	NM	395	755	0	0	12	13
Pennsylvania	6,779	7,568	-10.0%	0	0	6,736	7,526	7	2	37	40
East North Central	31,815	36,180	-12.0%	22,345	25,840	9,267	10,108	8	18	195	214
Illinois	8,680	9,453	-8.2%	935	1,129	7,636	8,210	3	4	106	110
Indiana	7,566	9,341	-19.0%	7,102	8,867	461	466	2	7	1	1
Michigan	4,759	5,286	-10.0%	4,675	5,190	44	46	2	6	39	45
Ohio	6,893	7,785	-11.0%	5,753	6,380	1,126	1,387	NM	NM	14	17
Wisconsin	3,916	4,315	-9.2%	3,881	4,274	0	0	NM	NM	35	41
West North Central	23,494	25,410	-7.5%	23,185	25,047	3	3	12	16	293	343
Iowa	3,592	3,846	-6.6%	3,440	3,673	0	0	8	10	145	162
Kansas	2,632	3,216	-18.0%	2,632	3,216	0	0	0	0	0	0
Minnesota	3,006	3,203	-6.1%	2,940	3,113	0	0	0	0	67	90
Missouri	7,537	7,957	-5.3%	7,524	7,940	3	3	5	6	6	8
Nebraska	2,324	2,749	-15.0%	2,261	2,683	0	0	0	0	63	66
North Dakota	4,066	4,130	-1.6%	4,053	4,114	0	0	0	0	13	17
South Dakota	335	309	8.4%	335	309	0	0	0	0	0	0
South Atlantic	21,461	25,376	-15.0%	17,718	21,039	3,651	4,219	7	6	85	112
Delaware	134	164	-18.0%	0	0	134	164	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2,762	4,021	-31.0%	2,758	4,009	0	5	0	0	NM	7
Georgia	3,514	4,758	-26.0%	3,503	4,736	0	0	0	0	11	22
Maryland	1,540	1,848	-17.0%	0	0	1,530	1,837	NM	NM	8	9
North Carolina	3,514	4,204	-16.0%	3,465	4,101	41	91	5	4	3	8
South Carolina	2,040	2,156	-5.4%	2,031	2,143	0	0	0	0	10	13
Virginia	1,774	2,166	-18.0%	1,651	2,006	110	144	NM	NM	12	15
West Virginia	6,182	6,060	2.0%	4,310	4,044	1,835	1,978	0	0	37	38
East South Central	14,208	16,351	-13.0%	13,580	15,745	585	553	1	1	42	52
Alabama	3,147	4,368	-28.0%	3,138	4,358	0	0	0	0	8	10
Kentucky	6,963	7,365	-5.5%	6,963	7,365	0	0	0	0	0	0
Mississippi	987	1,296	-24.0%	403	743	585	553	0	0	0	0
Tennessee	3,111	3,322	-6.3%	3,076	3,279	0	0	1	1	34	41
West South Central	21,860	26,194	-17.0%	10,728	13,450	11,114	12,719	0	0	18	25
Arkansas	2,186	3,523	-38.0%	1,924	3,004	259	516	0	0	3	3
Louisiana	2,392	2,101	14.0%	1,253	698	1,138	1,402	0	0	0	0
Oklahoma	2,777	3,329	-17.0%	2,587	3,126	174	182	0	0	NM	22
Texas	14,506	17,241	-16.0%	4,964	6,622	9,542	10,619	0	0	0	0
Mountain	16,735	18,731	-11.0%	14,825	16,660	1,867	2,027	0	0	43	44
Arizona	3,008	3,700	-19.0%	3,008	3,700	0	0	0	0	0	0
Colorado	3,062	3,371	-9.2%	3,060	3,367	NM	4	0	0	NM	NM
Idaho	3	4	-8.3%	0	0	0	0	0	0	3	4
Montana	1,706	1,782	-4.3%	NM	NM	1,659	1,732	0	0	NM	2
Nevada	221	733	-70.0%	140	572	81	161	0	0	0	0
New Mexico	1,766	1,857	-4.9%	1,766	1,857	0	0	0	0	0	0
Utah	2,602	2,595	0.3%	2,550	2,538	53	57	0	0	0	0
Wyoming	4,367	4,689	-6.9%	4,257	4,579	NM	73	0	0	37	37
Pacific Contiguous	413	1,658	-75.0%	14	432	386	1,213	0	0	13	13
California	13	11	20.0%	0	0	NM	NM	0	0	12	11
Oregon	14	432	-97.0%	14	432	0	0	0	0	0	0
Washington	386	1,215	-68.0%	0	0	385	1,213	0	0	1	2
Pacific Noncontiguous	196	196	0.3%	33	32	143	143	17	17	NM	NM
Alaska	85	85	0.1%	33	32	35	35	17	17	0	0
Hawaii	111	110	0.4%	0	0	109	108	0	0	NM	NM
U.S. Total	138,700	159,852	-13.0%	102,708	118,499	35,195	40,430	53	61	743	862

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.8.A. Consumption of Petroleum Liquids for Electricity Generation by State, by Sector, February 2015 and February 2014 (Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	2,451	503	387.0%	247	69	2,105	403	63	22	NM	9
Connecticut	587	141	316.0%	NM	NM	581	138	NM	NM	NM	NM
Maine	561	35	NM	NM	NM	522	25	NM	NM	NM	8
Massachusetts	950	225	323.0%	76	54	850	160	NM	NM	NM	NM
New Hampshire	223	78	185.0%	162	9	53	67	NM	NM	NM	NM
Rhode Island	113	19	504.0%	NM	2	99	13	NM	4	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	2,790	778	259.0%	831	379	1,928	379	NM	NM	NM	12
New Jersey	319	NM	NM	NM	NM	316	29	NM	NM	NM	NM
New York	1,919	655	193.0%	831	379	1,063	262	NM	NM	NM	9
Pennsylvania	552	93	496.0%	NM	NM	548	88	NM	NM	NM	NM
East North Central	121	169	-28.0%	98	122	20	41	NM	NM	NM	5
Illinois	NM	17	NM	NM	NM	4	13	NM	NM	0	0
Indiana	NM	31	NM	40	31	0	0	NM	NM	2	1
Michigan	16	29	-46.0%	15	26	0	0	0	0	0	3
Ohio	NM	78	NM	NM	49	16	28	NM	NM	NM	1
Wisconsin	5	13	-58.0%	5	13	NM	NM	NM	NM	NM	NM
West North Central	NM	106	NM	NM	102	NM	4	NM	NM	NM	0
Iowa	NM	17	NM	NM	16	NM	NM	NM	NM	NM	NM
Kansas	NM	9	NM	NM	9	0	0	0	0	0	0
Minnesota	NM	15	NM	6	11	NM	3	NM	NM	NM	NM
Missouri	NM	46	NM	NM	46	NM	NM	NM	NM	0	0
Nebraska	4	8	-50.0%	4	8	0	0	0	0	0	0
North Dakota	4	6	-32.0%	4	6	0	0	NM	NM	NM	NM
South Dakota	NM	6	NM	NM	5	NM	NM	NM	NM	0	0
South Atlantic	2,177	387	463.0%	1,507	220	515	112	NM	NM	17	11
Delaware	143	23	523.0%	NM	NM	143	23	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	143	34	321.0%	137	31	NM	NM	0	0	NM	NM
Georgia	85	17	406.0%	31	13	48	NM	NM	NM	NM	4
Maryland	272	100	172.0%	NM	NM	129	53	NM	NM	NM	NM
North Carolina	356	35	925.0%	330	31	22	NM	NM	NM	NM	3
South Carolina	186	32	483.0%	175	29	NM	NM	NM	NM	2	2
Virginia	964	125	674.0%	818	94	143	29	NM	NM	NM	2
West Virginia	29	22	35.0%	11	18	18	4	0	0	0	0
East South Central	100	75	33.0%	71	72	19	NM	NM	NM	NM	3
Alabama	NM	17	NM	12	14	19	NM	0	0	NM	3
Kentucky	NM	13	NM	NM	13	0	0	0	0	0	0
Mississippi	NM	3	NM	NM	3	0	0	0	0	0	0
Tennessee	38	42	-11.0%	37	42	0	0	NM	NM	NM	NM
West South Central	NM	50	NM	14	21	NM	27	NM	NM	NM	1
Arkansas	8	5	81.0%	8	3	0	1	0	0	0	1
Louisiana	NM	6	NM	NM	3	5	3	0	0	0	0
Oklahoma	NM	NM	NM	NM	1	0	0	NM	NM	NM	NM
Texas	NM	38	NM	4	14	NM	23	NM	NM	NM	NM
Mountain	39	37	3.3%	37	32	NM	5	NM	NM	NM	NM
Arizona	10	8	26.0%	10	8	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	NM	5	NM	NM	NM	1	4	0	0	0	0
Nevada	NM	1	NM	3	1	NM	0	0	0	0	0
New Mexico	13	12	9.5%	12	11	NM	NM	0	0	NM	NM
Utah	NM	4	NM	NM	4	NM	NM	0	0	NM	NM
Wyoming	7	5	51.0%	7	5	0	0	0	0	NM	NM
Pacific Contiguous	NM	11	NM	NM	8	NM	1	NM	NM	2	2
California	NM	5	NM	4	4	NM	NM	NM	NM	NM	NM
Oregon	NM	NM	NM	0	1	0	0	NM	NM	0	0
Washington	NM	5	NM	NM	NM	NM	1	NM	NM	1	1
Pacific Noncontiguous	1,077	1,016	6.0%	863	871	NM	118	NM	NM	16	26
Alaska	116	109	5.9%	109	103	0	0	NM	NM	NM	6
Hawaii	961	907	6.0%	754	767	NM	118	1	1	10	21
U.S. Total	8,847	3,131	183.0%	3,716	1,896	4,811	1,090	219	75	102	70

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.8.B. Consumption of Petroleum Liquids for Electricity Generation by State, by Sector, Year-to-Date through February 2015 and February 2014 (Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	2,901	2,609	11.0%	263	355	2,517	2,137	82	93	39	24
Connecticut	628	654	-4.0%	NM	NM	619	641	NM	NM	NM	NM
Maine	756	313	141.0%	NM	NM	713	289	NM	NM	37	18
Massachusetts	1,117	1,173	-4.8%	77	184	1,008	946	NM	NM	NM	NM
New Hampshire	250	355	-30.0%	173	143	67	200	NM	NM	NM	NM
Rhode Island	130	81	60.0%	4	NM	110	62	16	16	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	3,557	4,107	-13.0%	1,197	1,188	2,305	2,858	NM	NM	NM	NM
New Jersey	403	644	-37.0%	NM	NM	400	635	NM	NM	NM	NM
New York	2,494	2,681	-7.0%	1,196	1,187	1,253	1,451	NM	NM	NM	NM
Pennsylvania	660	782	-16.0%	NM	NM	652	772	NM	NM	NM	NM
East North Central	230	445	-48.0%	186	272	37	162	NM	NM	NM	10
Illinois	NM	34	NM	NM	NM	9	24	NM	NM	0	0
Indiana	67	65	3.4%	63	60	0	0	NM	NM	4	4
Michigan	32	60	-46.0%	32	57	0	0	0	0	0	3
Ohio	94	249	-62.0%	NM	113	28	134	NM	NM	NM	NM
Wisconsin	19	36	-48.0%	18	31	NM	4	NM	NM	NM	NM
West North Central	104	204	-49.0%	99	189	NM	14	NM	NM	NM	1
Iowa	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Kansas	24	NM	NM	24	NM	0	0	0	0	0	0
Minnesota	NM	47	NM	9	33	NM	13	NM	NM	NM	1
Missouri	NM	67	NM	NM	67	NM	NM	NM	NM	0	0
Nebraska	8	19	-60.0%	8	19	0	0	0	0	0	0
North Dakota	8	11	-23.0%	8	11	0	0	NM	NM	NM	NM
South Dakota	NM	9	NM	NM	8	NM	NM	NM	NM	0	0
South Atlantic	2,963	3,619	-18.0%	2,046	2,301	698	1,100	NM	NM	36	35
Delaware	191	192	-0.4%	NM	NM	191	191	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	312	NM	NM	302	NM	NM	NM	0	0	NM	NM
Georgia	160	193	-17.0%	65	121	83	60	NM	NM	11	12
Maryland	369	766	-52.0%	NM	NM	178	569	NM	NM	NM	NM
North Carolina	505	538	-6.2%	458	490	35	40	NM	NM	11	8
South Carolina	256	344	-25.0%	236	318	NM	NM	NM	NM	4	5
Virginia	1,121	1,341	-16.0%	945	1,149	172	186	NM	NM	NM	NM
West Virginia	48	81	-41.0%	30	52	18	29	0	0	0	0
East South Central	172	319	-46.0%	130	283	26	22	NM	NM	NM	NM
Alabama	73	95	-24.0%	31	60	26	22	0	0	NM	NM
Kentucky	NM	43	NM	NM	43	0	0	0	0	0	0
Mississippi	NM	NM	NM	NM	NM	0	0	0	0	0	0
Tennessee	57	174	-67.0%	56	173	0	0	NM	NM	NM	NM
West South Central	86	74	16.0%	40	32	NM	36	NM	NM	NM	NM
Arkansas	19	8	136.0%	13	5	6	2	0	0	1	2
Louisiana	29	NM	NM	16	NM	13	4	0	0	0	2
Oklahoma	NM	NM	NM	NM	2	0	0	NM	NM	NM	NM
Texas	NM	50	NM	11	18	NM	30	NM	NM	NM	NM
Mountain	79	74	7.3%	74	64	NM	9	NM	NM	NM	NM
Arizona	21	14	48.0%	21	14	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	NM	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	NM	9	NM	NM	NM	2	7	0	0	0	0
Nevada	NM	2	NM	6	2	NM	0	0	0	0	0
New Mexico	25	24	3.6%	23	22	NM	NM	0	0	NM	NM
Utah	NM	7	NM	3	6	NM	NM	0	0	NM	NM
Wyoming	13	12	16.0%	13	12	0	0	0	0	NM	NM
Pacific Contiguous	NM	29	NM	NM	NM	7	10	NM	NM	5	3
California	NM	NM	NM	9	8	6	8	NM	NM	NM	NM
Oregon	NM	NM	NM	0	2	0	0	NM	NM	0	0
Washington	7	9	-27.0%	NM	NM	NM	2	NM	NM	5	2
Pacific Noncontiguous	2,127	2,290	-7.1%	1,798	1,941	NM	NM	2	2	39	63
Alaska	260	250	3.7%	245	236	0	0	NM	NM	14	13
Hawaii	1,867	2,040	-8.5%	1,554	1,705	NM	NM	1	1	25	49
U.S. Total	12,243	13,769	-11.0%	5,844	6,639	5,930	6,633	291	309	178	187

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.9.A. Consumption of Petroleum Coke for Electricity Generation by State, by Sector, February 2015 and February 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	NM	NM	NM	0	0	0	0	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	0	0	0	0	NM	NM
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	NM	NM	NM	0	0	0	0	0	0	NM	NM
East North Central	112	81	38.0%	64	31	42	45	0	0	6	5
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	33	7	360.0%	33	7	0	0	0	0	0	0
Michigan	33	23	42.0%	28	18	2	2	0	0	3	3
Ohio	41	43	-5.2%	0	0	41	43	0	0	0	NM
Wisconsin	5	8	-30.0%	3	6	0	0	0	0	3	2
West North Central	2	NM	NM	0	0	0	0	0	0	NM	NM
Iowa	2	NM	NM	0	0	0	0	0	0	NM	NM
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	62	70	-12.0%	59	66	0	0	0	0	3	4
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	59	66	-12.0%	59	66	0	0	0	0	0	0
Georgia	3	4	-22.0%	0	0	0	0	0	0	3	4
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	41	31	32.0%	41	31	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	41	31	32.0%	41	31	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	169	167	1.1%	153	147	0	0	0	0	15	20
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	160	156	3.0%	153	147	0	0	0	0	7	9
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	8	11	-26.0%	0	0	0	0	0	0	8	11
Mountain	14	12	25.0%	0	0	14	12	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	14	12	25.0%	0	0	14	12	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	NM	NM	NM	0	0	NM	NM	0	0	0	0
California	NM	NM	NM	0	0	NM	NM	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	404	367	10.0%	317	276	57	57	0	0	30	35

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.9.B. Consumption of Petroleum Coke for Electricity Generation by State, by Sector, Year-to-Date through February 2015 and February 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	7	8	-10.0%	0	0	0	0	0	0	7	8
New Jersey	NM	NM	NM	0	0	0	0	0	0	NM	NM
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	7	7	2.9%	0	0	0	0	0	0	7	7
East North Central	216	184	17.0%	123	88	83	86	0	0	10	10
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	61	39	54.0%	61	39	0	0	0	0	0	0
Michigan	66	48	39.0%	58	37	3	5	0	0	5	5
Ohio	80	81	-1.0%	0	0	80	81	0	0	0	1
Wisconsin	9	16	-44.0%	4	12	0	0	0	0	5	5
West North Central	5	5	-11.0%	0	0	0	0	1	0	4	5
Iowa	5	5	-11.0%	0	0	0	0	1	0	4	5
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	111	148	-25.0%	105	142	0	0	0	0	6	7
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	105	142	-26.0%	105	142	0	0	0	0	0	0
Georgia	6	7	-8.8%	0	0	0	0	0	0	6	7
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	82	78	5.3%	82	78	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	82	78	5.3%	82	78	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	340	360	-5.7%	307	317	0	0	0	0	32	43
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	321	336	-4.7%	307	317	0	0	0	0	13	20
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	19	24	-20.0%	0	0	0	0	0	0	19	24
Mountain	30	25	18.0%	0	0	30	25	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	30	25	18.0%	0	0	30	25	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	NM	NM	NM	0	0	NM	NM	0	0	0	0
California	NM	NM	NM	0	0	NM	NM	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	791	810	-2.4%	617	624	114	112	1	0	60	74

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.10.A. Consumption of Natural Gas for Electricity Generation by State, by Sector, February 2015 and February 2014 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	20,425	19,736	3.5%	NM	79	19,079	18,294	NM	605	711	759
Connecticut	8,098	7,180	13.0%	0	12	7,468	6,480	NM	NM	NM	454
Maine	1,526	2,132	-28.0%	0	0	1,294	1,904	NM	NM	206	205
Massachusetts	6,798	8,116	-16.0%	NM	64	6,372	7,660	244	302	NM	NM
New Hampshire	2,261	431	425.0%	2	0	2,235	406	NM	NM	NM	NM
Rhode Island	1,741	1,874	-7.1%	0	0	1,710	1,843	NM	NM	0	0
Vermont	2	3	-35.0%	2	3	0	0	0	0	0	0
Middle Atlantic	72,209	73,190	-1.3%	7,595	8,325	62,958	63,192	NM	804	863	869
New Jersey	17,310	16,415	5.4%	NM	NM	16,878	15,974	NM	NM	NM	297
New York	29,004	32,450	-11.0%	7,552	8,299	20,767	23,419	NM	590	NM	142
Pennsylvania	25,895	24,325	6.5%	NM	NM	25,313	23,799	NM	NM	NM	429
East North Central	60,025	37,374	61.0%	24,723	15,247	33,205	20,226	905	901	1,192	1,001
Illinois	5,836	1,519	284.0%	NM	77	4,920	800	401	447	NM	195
Indiana	12,911	7,524	72.0%	10,182	5,393	2,304	1,830	NM	NM	352	275
Michigan	12,970	10,724	21.0%	2,704	3,233	9,550	6,830	213	217	503	444
Ohio	19,645	13,504	45.0%	7,147	4,462	12,293	8,841	NM	NM	NM	NM
Wisconsin	8,664	4,102	111.0%	4,377	2,082	4,139	1,925	NM	53	82	43
West North Central	9,708	6,273	55.0%	8,782	5,505	500	364	NM	215	225	189
Iowa	1,449	498	191.0%	1,339	396	0	0	NM	38	NM	64
Kansas	1,188	1,567	-24.0%	1,105	1,498	0	0	0	0	83	68
Minnesota	3,631	1,730	110.0%	3,122	1,158	295	351	NM	177	NM	44
Missouri	2,884	2,266	27.0%	2,673	2,248	NM	NM	0	0	NM	NM
Nebraska	NM	88	NM	62	88	0	0	NM	NM	NM	0
North Dakota	NM	8	NM	40	0	0	0	0	0	NM	8
South Dakota	441	116	279.0%	441	116	0	0	0	0	0	0
South Atlantic	151,324	107,611	41.0%	119,213	86,028	29,741	19,315	NM	408	1,979	1,861
Delaware	2,404	2,526	-4.8%	NM	NM	1,515	1,952	0	0	858	558
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	75,689	62,032	22.0%	70,368	58,632	4,556	2,655	NM	NM	749	730
Georgia	26,089	14,379	81.0%	17,529	11,711	8,408	2,417	0	0	152	252
Maryland	1,750	1,074	63.0%	0	0	1,432	738	NM	NM	NM	NM
North Carolina	20,171	8,855	128.0%	14,213	4,391	5,893	4,306	1	0	65	157
South Carolina	7,028	4,379	60.0%	5,807	4,185	1,202	170	NM	NM	13	18
Virginia	17,675	13,572	30.0%	11,098	6,534	6,463	6,915	NM	NM	112	121
West Virginia	449	723	-38.0%	167	561	272	161	0	0	NM	NM
East South Central	75,384	41,501	82.0%	43,897	24,864	29,126	14,448	NM	NM	2,241	2,063
Alabama	32,017	18,662	72.0%	9,873	6,278	21,456	11,738	0	0	688	647
Kentucky	5,679	3,357	69.0%	5,359	3,044	205	183	0	0	NM	130
Mississippi	30,579	17,563	74.0%	21,756	13,772	7,465	2,527	NM	NM	1,350	1,256
Tennessee	7,108	1,918	271.0%	6,909	1,771	0	0	NM	NM	88	31
West South Central	193,534	162,316	19.0%	55,708	51,007	103,713	75,956	640	603	33,473	34,750
Arkansas	11,882	4,113	189.0%	3,161	429	8,517	3,533	NM	NM	203	150
Louisiana	37,591	34,469	9.1%	16,532	11,936	7,040	7,554	NM	149	13,871	14,829
Oklahoma	20,817	20,405	2.0%	14,726	17,161	5,999	3,198	NM	NM	45	40
Texas	123,244	103,330	19.0%	21,289	21,480	82,156	61,671	444	448	19,354	19,731
Mountain	36,340	38,936	-6.7%	23,375	22,665	12,293	15,177	NM	336	467	758
Arizona	7,685	10,394	-26.0%	4,004	3,765	3,607	6,513	NM	117	0	0
Colorado	5,395	6,341	-15.0%	2,349	3,543	3,046	2,776	0	11	NM	NM
Idaho	418	2,185	-81.0%	NM	1,138	357	1,029	0	0	41	18
Montana	NM	607	NM	NM	531	NM	NM	0	0	0	0
Nevada	13,138	10,107	30.0%	10,194	6,627	2,898	3,252	NM	NM	0	169
New Mexico	5,297	4,643	14.0%	3,135	3,283	2,134	1,285	NM	NM	0	0
Utah	3,617	4,359	-17.0%	3,233	3,746	NM	NM	NM	NM	152	306
Wyoming	306	299	2.3%	NM	NM	NM	NM	0	0	273	253
Pacific Contiguous	53,491	87,163	-39.0%	22,123	32,011	25,647	47,888	834	1,193	4,887	6,071
California	47,935	69,026	-31.0%	19,277	20,995	23,054	40,915	770	1,116	4,835	6,000
Oregon	3,513	10,430	-66.0%	1,085	4,189	2,343	6,141	NM	70	28	29
Washington	2,042	7,707	-73.0%	1,760	6,826	250	832	NM	7	24	41
Pacific Noncontiguous	2,353	2,730	-14.0%	2,298	2,661	0	0	NM	NM	NM	NM
Alaska	2,353	2,730	-14.0%	2,298	2,661	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	674,793	576,829	17.0%	307,810	248,391	316,262	274,859	4,633	5,194	46,088	48,385

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.10.B. Consumption of Nautral Gas for Electricity Generation by State, by Sector, Year-to-Date through February 2015 and February 2014 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	47,089	40,694	16.0%	160	260	44,265	37,318	1,184	1,220	1,481	1,896
Connecticut	19,389	13,879	40.0%	0	44	18,059	12,454	NM	473	NM	909
Maine	3,638	5,381	-32.0%	0	0	3,166	4,549	NM	NM	420	784
Massachusetts	14,217	15,934	-11.0%	151	209	13,318	14,934	568	608	NM	183
New Hampshire	5,910	1,037	470.0%	2	1	5,857	988	NM	NM	NM	NM
Rhode Island	3,928	4,457	-12.0%	0	0	3,866	4,393	NM	NM	0	0
Vermont	7	7	-0.3%	7	7	0	0	0	0	0	0
Middle Atlantic	157,830	147,105	7.3%	17,947	16,844	136,382	126,920	1,685	1,612	1,816	1,729
New Jersey	36,045	31,598	14.0%	NM	NM	35,137	30,709	NM	NM	NM	589
New York	63,571	63,841	-0.4%	17,872	16,776	44,226	45,604	1,195	1,179	NM	281
Pennsylvania	58,215	51,666	13.0%	NM	NM	57,019	50,606	NM	NM	939	859
East North Central	115,439	84,633	36.0%	46,552	34,062	64,684	46,501	1,855	1,934	2,348	2,136
Illinois	12,076	6,863	76.0%	NM	365	10,378	5,178	835	922	NM	398
Indiana	23,596	17,145	38.0%	18,469	12,644	4,285	3,844	133	NM	708	603
Michigan	24,140	22,625	6.7%	5,661	6,105	17,051	15,062	452	516	976	942
Ohio	39,150	29,038	35.0%	13,864	10,415	24,865	18,212	NM	NM	NM	92
Wisconsin	16,478	8,961	84.0%	8,115	4,532	8,106	4,206	122	122	135	101
West North Central	17,888	15,871	13.0%	16,215	13,787	778	1,156	406	490	489	438
Iowa	2,960	1,438	106.0%	2,757	1,198	0	0	NM	86	NM	153
Kansas	1,970	3,423	-42.0%	1,795	3,282	0	0	0	0	175	141
Minnesota	6,248	4,923	27.0%	5,373	3,381	399	1,023	334	403	142	116
Missouri	5,498	5,514	-0.3%	NM	5,370	NM	NM	1	1	NM	NM
Nebraska	259	185	40.0%	243	185	0	0	NM	NM	NM	0
North Dakota	NM	17	NM	42	0	0	0	0	0	NM	17
South Dakota	900	371	143.0%	900	371	0	0	0	0	0	0
South Atlantic	317,150	252,320	26.0%	252,788	200,852	59,392	46,668	NM	832	4,161	3,968
Delaware	6,393	5,190	23.0%	NM	NM	4,462	4,006	0	0	1,881	1,139
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	158,916	141,109	13.0%	148,689	131,221	8,648	8,270	NM	NM	1,546	1,587
Georgia	55,450	36,468	52.0%	37,826	28,137	17,342	7,817	0	0	283	514
Maryland	3,161	2,403	32.0%	0	0	NM	1,719	NM	637	NM	47
North Carolina	42,222	26,917	57.0%	29,377	16,694	12,721	9,867	1	2	123	353
South Carolina	14,156	11,217	26.0%	12,259	10,309	1,854	857	NM	NM	32	40
Virginia	35,988	27,094	33.0%	24,350	13,134	11,395	13,672	NM	NM	236	284
West Virginia	720	1,776	-59.0%	238	1,311	464	461	0	0	NM	NM
East South Central	145,586	110,825	31.0%	81,298	65,659	59,304	40,416	NM	251	4,727	4,499
Alabama	68,207	50,813	34.0%	20,550	16,900	46,185	32,418	0	0	1,472	1,495
Kentucky	8,098	9,654	-16.0%	7,465	8,845	381	556	0	0	NM	254
Mississippi	57,213	42,091	36.0%	41,626	31,956	12,739	7,442	NM	NM	2,830	2,676
Tennessee	12,068	8,267	46.0%	11,657	7,958	0	0	NM	NM	173	75
West South Central	403,020	349,377	15.0%	110,311	105,651	217,740	168,499	1,363	1,270	73,607	73,958
Arkansas	21,310	11,289	89.0%	4,882	1,252	16,006	9,683	NM	NM	420	352
Louisiana	78,210	76,227	2.6%	34,354	28,225	13,026	16,398	320	320	30,510	31,284
Oklahoma	41,646	40,956	1.7%	28,989	33,356	12,468	7,498	NM	11	89	92
Texas	261,854	220,905	19.0%	42,086	42,818	176,240	134,920	941	937	42,587	42,231
Mountain	79,824	81,903	-2.5%	51,918	49,712	26,165	29,755	513	730	1,228	1,706
Arizona	17,812	21,442	-17.0%	8,055	8,340	9,571	12,850	NM	252	0	0
Colorado	11,739	12,685	-7.5%	5,821	7,429	5,904	5,192	NM	31	NM	NM
Idaho	2,672	4,920	-46.0%	1,460	2,606	1,132	2,241	0	0	80	73
Montana	NM	1,309	NM	NM	1,143	NM	NM	0	0	0	0
Nevada	26,147	21,349	22.0%	21,250	15,419	4,639	5,432	NM	126	NM	372
New Mexico	11,739	10,221	15.0%	7,298	6,678	4,341	3,373	NM	163	0	NM
Utah	7,952	9,334	-15.0%	7,000	8,034	NM	NM	NM	159	418	669
Wyoming	634	643	-1.4%	NM	NM	NM	NM	0	0	558	552
Pacific Contiguous	130,080	182,080	-29.0%	52,642	65,154	64,984	101,532	1,962	2,570	10,491	12,824
California	111,627	143,245	-22.0%	41,930	41,698	57,505	86,472	1,835	2,396	10,357	12,680
Oregon	11,627	22,143	-47.0%	4,569	8,898	6,890	13,018	NM	157	55	70
Washington	6,826	16,691	-59.0%	6,143	14,558	589	2,043	NM	16	80	74
Pacific Noncontiguous	5,272	5,722	-7.9%	5,152	5,565	0	0	NM	NM	NM	149
Alaska	5,272	5,722	-7.9%	5,152	5,565	0	0	NM	NM	NM	149
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	1,419,179	1,270,530	12.0%	634,983	557,546	673,695	598,764	10,041	10,916	100,460	103,304

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.11.A. Consumption of Landfill Gas for Electricity Generation by State, by Sector, February 2015 and February 2014 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	992	902	10.0%	0	0	923	826	NM	76	0	0
Connecticut	NM	NM	NM	0	0	NM	NM	0	0	0	0
Maine	NM	73	NM	0	0	NM	73	0	0	0	0
Massachusetts	324	329	-1.8%	0	0	324	329	0	0	0	0
New Hampshire	171	178	-4.1%	0	0	102	102	NM	76	0	0
Rhode Island	327	222	48.0%	0	0	327	222	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	4,553	4,552	0.0%	0	0	4,419	4,420	NM	NM	NM	107
New Jersey	823	834	-1.3%	0	0	823	834	0	0	0	0
New York	1,502	1,529	-1.8%	0	0	1,502	1,529	0	0	0	0
Pennsylvania	2,228	2,189	1.8%	0	0	2,094	2,057	NM	NM	NM	107
East North Central	5,808	5,948	-2.4%	700	710	5,050	5,190	NM	NM	NM	NM
Illinois	1,352	1,417	-4.6%	0	0	1,352	1,417	0	0	0	0
Indiana	713	717	-0.6%	664	676	0	0	0	0	NM	NM
Michigan	1,781	1,818	-2.1%	0	0	1,781	1,818	0	0	0	0
Ohio	918	933	-1.6%	NM	NM	896	911	0	0	0	0
Wisconsin	1,043	1,062	-1.8%	NM	NM	1,022	1,043	NM	NM	0	0
West North Central	887	893	-0.8%	278	274	609	619	0	0	0	0
Iowa	181	182	-0.9%	0	0	181	182	0	0	0	0
Kansas	147	151	-2.3%	0	0	147	151	0	0	0	0
Minnesota	319	321	-0.7%	NM	74	243	248	0	0	0	0
Missouri	133	129	2.6%	95	91	NM	NM	0	0	0	0
Nebraska	107	109	-2.4%	107	109	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	3,690	3,656	0.9%	472	461	2,598	2,621	345	314	275	260
Delaware	111	113	-1.9%	0	0	111	113	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	590	582	1.3%	156	144	433	438	0	0	0	0
Georgia	333	325	2.4%	0	0	208	211	NM	NM	NM	70
Maryland	302	301	0.2%	0	0	163	164	NM	137	0	0
North Carolina	766	759	1.0%	0	0	637	651	NM	108	0	0
South Carolina	534	527	1.4%	307	309	NM	NM	0	0	NM	190
Virginia	1,046	1,042	0.4%	NM	NM	1,009	1,008	NM	NM	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	402	409	-1.7%	213	217	189	191	0	0	0	0
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0
Kentucky	213	217	-1.9%	213	217	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	NM	NM	0	0	0	0
Tennessee	147	149	-1.3%	0	0	147	149	0	0	0	0
West South Central	1,414	1,424	-0.8%	0	0	1,337	1,358	NM	67	0	0
Arkansas	132	135	-2.1%	0	0	132	135	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	1,282	1,290	-0.6%	0	0	1,205	1,223	NM	67	0	0
Mountain	465	473	-1.8%	94	95	371	378	0	0	0	0
Arizona	149	152	-1.8%	NM	75	NM	77	0	0	0	0
Colorado	98	100	-2.2%	0	0	98	100	0	0	0	0
Idaho	NM	59	NM	NM	NM	NM	NM	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	NM	NM	NM	0	0	NM	NM	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	113	116	-1.9%	0	0	113	116	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	5,099	5,165	-1.3%	684	722	2,731	2,648	1,684	1,794	0	0
California	4,283	4,340	-1.3%	234	262	2,415	2,330	1,634	1,749	0	0
Oregon	442	442	-0.1%	113	114	279	282	NM	NM	0	0
Washington	374	382	-2.1%	337	346	NM	NM	0	0	0	0
Pacific Noncontiguous	NM	115	NM	0	0	0	0	NM	115	0	0
Alaska	NM	115	NM	0	0	0	0	NM	115	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	23,447	23,537	-0.4%	2,442	2,481	18,227	18,251	2,349	2,398	430	408

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.11.B. Consumption of Landfill Gas for Electricity Generation by State, by Sector, Year-to-Date through February 2015 and February 2014 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	2,156	1,990	8.3%	0	0	2,005	1,821	150	169	0	0
Connecticut	108	109	-0.8%	0	0	108	109	0	0	0	0
Maine	155	156	-0.5%	0	0	155	156	0	0	0	0
Massachusetts	698	706	-1.2%	0	0	698	706	0	0	0	0
New Hampshire	371	388	-4.6%	0	0	220	219	150	169	0	0
Rhode Island	719	524	37.0%	0	0	719	524	0	0	0	0
Vermont	105	107	-1.6%	0	0	105	107	0	0	0	0
Middle Atlantic	9,861	9,824	0.4%	0	0	9,576	9,530	NM	NM	226	242
New Jersey	1,778	1,804	-1.5%	0	0	1,778	1,804	0	0	0	0
New York	3,241	3,279	-1.2%	0	0	3,241	3,279	0	0	0	0
Pennsylvania	4,843	4,741	2.1%	0	0	4,557	4,446	NM	NM	226	242
East North Central	12,586	12,761	-1.4%	1,513	1,525	10,953	11,135	NM	NM	NM	86
Illinois	2,977	3,043	-2.2%	0	0	2,977	3,043	0	0	0	0
Indiana	1,536	1,535	0.0%	1,432	1,449	0	0	0	0	NM	86
Michigan	3,841	3,900	-1.5%	0	0	3,841	3,900	0	0	0	0
Ohio	1,983	2,002	-1.0%	NM	NM	1,933	1,954	0	0	0	0
Wisconsin	2,250	2,281	-1.4%	NM	NM	2,202	2,238	NM	NM	0	0
West North Central	1,918	1,919	-0.1%	604	592	1,314	1,327	0	0	0	0
Iowa	391	391	-0.1%	0	0	391	391	0	0	0	0
Kansas	318	323	-1.7%	0	0	318	323	0	0	0	0
Minnesota	690	691	-0.1%	166	160	525	531	0	0	0	0
Missouri	290	280	3.4%	208	198	NM	82	0	0	0	0
Nebraska	230	234	-1.8%	230	234	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	7,978	7,882	1.2%	1,021	985	5,611	5,628	740	688	606	581
Delaware	239	242	-1.3%	0	0	239	242	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,263	1,237	2.2%	337	302	926	934	0	0	0	0
Georgia	716	701	2.1%	0	0	448	453	NM	96	NM	152
Maryland	669	668	0.1%	0	0	353	353	315	315	0	0
North Carolina	1,637	1,620	1.1%	0	0	1,376	1,398	261	222	0	0
South Carolina	1,167	1,153	1.3%	665	664	NM	60	0	0	442	429
Virginia	2,268	2,244	1.1%	NM	NM	2,188	2,170	NM	NM	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	867	877	-1.1%	460	466	407	410	0	0	0	0
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0
Kentucky	460	466	-1.3%	460	466	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	NM	NM	0	0	0	0
Tennessee	318	320	-0.7%	0	0	318	320	0	0	0	0
West South Central	3,046	3,056	-0.3%	0	0	2,887	2,913	NM	142	0	0
Arkansas	284	288	-1.5%	0	0	284	288	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	2,762	2,767	-0.2%	0	0	2,603	2,625	NM	142	0	0
Mountain	1,003	1,015	-1.2%	204	205	800	810	0	0	0	0
Arizona	321	325	-1.2%	157	160	164	165	0	0	0	0
Colorado	211	214	-1.6%	0	0	211	214	0	0	0	0
Idaho	127	127	0.2%	NM	NM	NM	82	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	99	101	-1.4%	0	0	99	101	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	244	248	-1.4%	0	0	244	248	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	11,071	11,070	0.0%	1,492	1,541	5,870	5,691	3,709	3,838	0	0
California	9,311	9,300	0.1%	523	555	5,186	5,007	3,602	3,738	0	0
Oregon	954	951	0.3%	243	245	604	605	NM	100	0	0
Washington	806	819	-1.5%	726	740	NM	79	0	0	0	0
Pacific Noncontiguous	278	235	18.0%	0	0	0	0	278	235	0	0
Alaska	278	235	18.0%	0	0	0	0	278	235	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	50,764	50,628	0.3%	5,293	5,313	39,422	39,266	5,113	5,140	935	909

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.12.A. Consumption of Biogenic Municipal Solid Waste Gas for Electricity Generation by State, by Sector, February 2015 and February 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	278	273	2.1%	0	0	260	255	18	17	0	0
Connecticut	98	99	-1.5%	0	0	93	95	NM	5	0	0
Maine	20	19	2.7%	0	0	7	7	13	12	0	0
Massachusetts	151	144	4.7%	0	0	151	144	0	0	0	0
New Hampshire	10	10	-1.1%	0	0	10	10	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	350	346	1.3%	0	0	274	274	76	72	0	0
New Jersey	92	100	-8.1%	0	0	65	74	27	26	0	0
New York	133	127	4.8%	0	0	102	97	31	30	0	0
Pennsylvania	125	118	5.6%	0	0	107	102	18	16	0	0
East North Central	16	15	7.0%	3	2	0	0	13	12	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	1	1	-3.1%	0	0	0	0	1	1	0	0
Michigan	12	11	8.3%	0	0	0	0	12	11	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	3	2	3.8%	3	2	0	0	0	0	0	0
West North Central	37	37	0.7%	22	22	13	13	NM	2	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	37	37	0.7%	22	22	13	13	NM	2	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	364	373	-2.4%	0	0	339	347	25	26	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	238	250	-4.6%	0	0	238	250	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	54	51	5.4%	0	0	54	51	NM	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	72	72	-0.2%	0	0	47	46	25	26	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	1	1	46.0%	0	0	0	0	0	0	1	1
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	1	1	46.0%	0	0	0	0	0	0	1	1
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	NM	0	NM	0	0	NM	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	0	NM	0	0	NM	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	56	54	2.3%	0	0	56	54	0	0	0	0
California	39	37	3.7%	0	0	39	37	0	0	0	0
Oregon	6	6	-1.0%	0	0	6	6	0	0	0	0
Washington	11	11	-0.7%	0	0	11	11	0	0	0	0
Pacific Noncontiguous	30	28	7.9%	0	0	0	0	30	28	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	30	28	7.9%	0	0	0	0	30	28	0	0
U.S. Total	1,132	1,126	0.6%	24	24	943	944	165	157	1	1

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.12.B. Consumption of Biogenic Municipal Solid Waste Gas for Electricity Generation by State, by Sector, Year-to-Date through February 2015 and February 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	585	579	1.0%	0	0	544	540	41	39	0	0
Connecticut	206	214	-3.9%	0	0	194	203	11	11	0	0
Maine	44	43	2.5%	0	0	15	15	29	28	0	0
Massachusetts	315	301	4.4%	0	0	315	301	0	0	0	0
New Hampshire	21	21	-0.3%	0	0	21	21	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	767	729	5.2%	0	0	602	569	165	160	0	0
New Jersey	199	206	-3.5%	0	0	142	151	57	55	0	0
New York	288	272	5.9%	0	0	218	205	70	67	0	0
Pennsylvania	280	251	12.0%	0	0	242	214	38	37	0	0
East North Central	35	32	7.1%	5	5	0	0	29	28	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	1	1	-5.9%	0	0	0	0	1	1	0	0
Michigan	28	26	5.9%	0	0	0	0	28	26	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	5	5	18.0%	5	5	0	0	0	0	0	0
West North Central	82	80	2.4%	49	48	28	28	4	4	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	82	80	2.4%	49	48	28	28	4	4	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	779	810	-3.8%	0	0	723	753	56	57	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	506	538	-5.9%	0	0	506	538	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	114	112	1.8%	0	0	114	112	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	158	160	-0.9%	0	0	102	103	56	56	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	2	2	24.0%	0	0	0	0	0	0	2	2
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	2	2	24.0%	0	0	0	0	0	0	2	2
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	0	0	-4.9%	0	0	0	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	-4.9%	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	108	117	-7.2%	0	0	108	117	0	0	0	0
California	72	81	-11.0%	0	0	72	81	0	0	0	0
Oregon	14	14	-0.1%	0	0	14	14	0	0	0	0
Washington	23	23	0.3%	0	0	23	23	0	0	0	0
Pacific Noncontiguous	61	64	-4.7%	0	0	0	0	61	64	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	61	64	-4.7%	0	0	0	0	61	64	0	0
U.S. Total	2,420	2,414	0.3%	55	53	2,007	2,008	356	351	2	2

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 3.1. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, 2005 - February 2015

	Electric Power Sector			Electric Utilities			Independent Power Producers		
Period	Coal (Thousand Tons)	Petroleum Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons)	Petroleum Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons)	Petroleum Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)
End of Year Stocks									
2005	101,137	47,414	530	77,457	29,532	374	23,680	17,882	156
2006	140,964	48,216	674	110,277	29,799	456	30,688	18,416	217
2007	151,221	44,433	554	120,504	28,032	253	30,717	16,401	301
2008	161,589	40,804	739	127,463	26,108	468	34,126	14,696	270
2009	189,467	39,210	1,394	154,815	25,811	1,194	34,652	13,399	201
2010	174,917	35,706	1,019	143,744	24,798	850	31,173	10,908	168
2011	172,387	34,847	508	142,103	25,648	404	30,284	9,198	104
2012	185,116	32,224	495	150,942	23,875	414	34,174	8,349	81
2013	147,884	31,673	390	120,792	22,494	303	27,092	9,179	86
2014	151,362	32,139	847	116,774	21,396	705	34,588	10,743	142
Year 2013, End of Month Stocks									
January	178,859	31,314	442	145,550	23,442	358	33,309	7,872	84
February	175,565	31,205	442	144,081	23,182	362	31,484	8,023	81
March	171,736	32,199	407	141,891	23,917	323	29,845	8,281	84
April	173,014	31,569	456	143,082	23,399	387	29,933	8,169	69
May	177,174	31,494	443	144,824	23,305	348	32,350	8,189	96
June	171,124	31,313	408	139,705	23,148	303	31,418	8,165	105
July	160,019	30,804	394	131,967	22,770	279	28,053	8,034	115
August	154,567	31,436	260	127,153	23,070	183	27,414	8,366	77
Sept	152,694	31,428	309	125,579	22,618	191	27,115	8,811	118
October	154,194	31,771	291	125,616	22,696	214	28,578	9,075	77
November	156,249	32,620	338	126,611	22,827	250	29,638	9,793	88
December	147,884	31,673	390	120,792	22,494	303	27,092	9,179	86
Year 2014, End of Month Stocks									
January	133,647	27,141	298	107,614	20,386	216	26,033	6,756	82
February	119,885	28,477	276	96,427	20,573	202	23,458	7,904	74
March	118,305	28,338	349	95,065	20,831	282	23,241	7,506	67
April	128,883	28,596	514	102,826	20,971	451	26,057	7,625	63
May	136,474	28,233	457	107,267	20,687	374	29,207	7,545	83
June	132,879	28,470	410	103,168	20,707	356	29,711	7,763	54
July	125,240	27,813	381	97,031	20,080	300	28,209	7,734	81
August	120,709	27,900	388	92,607	20,192	289	28,103	7,708	99
Sept	123,814	28,176	389	95,465	20,180	297	28,349	7,995	92
October	135,709	29,148	510	104,699	20,515	394	31,010	8,633	116
November	141,309	30,857	640	109,757	20,759	510	31,552	10,098	130
December	151,362	32,139	847	116,774	21,396	705	34,588	10,743	142
Year 2015, End of Month Stocks									
January	155,115	31,575	924	119,871	21,098	774	35,244	10,477	150
February	150,322	27,287	897	116,664	19,197	770	33,658	8,091	127

Notes: See Glossary for definitions. Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 3.2 Stocks of Coal, Petroleum Liquids, and Petroleum Coke:
Electric Power Sector, by State, February 2015 and 2014

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	February 2015	February 2014	Percentage Change	February 2015	February 2014	Percentage Change	February 2015	February 2014	Percentage Change
New England	W	866	W	2,890	2,675	8.0%	0	0	--
Connecticut	W	W	W	926	W	W	0	0	--
Maine	0	0	--	W	W	W	0	0	--
Massachusetts	W	319	W	1,143	1,130	1.2%	0	0	--
New Hampshire	W	W	W	W	W	W	0	0	--
Rhode Island	0	W	W	W	W	W	0	0	--
Vermont	0	0	--	28	39	-28.0%	0	0	--
Middle Atlantic	6,927	4,579	51.0%	4,044	3,968	1.9%	W	W	W
New Jersey	845	865	-2.3%	645	612	5.4%	0	0	--
New York	511	226	126.0%	2,475	2,571	-3.7%	0	0	--
Pennsylvania	5,571	3,488	60.0%	925	785	18.0%	W	W	W
East North Central	31,672	20,719	53.0%	1,149	1,227	-6.4%	294	83	255.0%
Illinois	7,761	5,505	41.0%	99	135	-27.0%	0	0	--
Indiana	9,227	6,222	48.0%	110	120	-8.6%	W	0	W
Michigan	5,430	3,644	49.0%	334	389	-14.0%	W	W	W
Ohio	5,664	3,287	72.0%	367	358	2.8%	W	W	W
Wisconsin	3,590	2,060	74.0%	239	225	6.1%	W	W	W
West North Central	21,533	20,616	4.4%	1,106	1,078	2.6%	0	0	--
Iowa	3,346	5,965	-44.0%	148	152	-2.5%	0	0	--
Kansas	3,259	3,110	4.8%	115	124	-7.3%	0	0	--
Minnesota	2,932	1,312	123.0%	134	153	-12.0%	0	0	--
Missouri	7,056	6,268	13.0%	409	274	50.0%	0	0	--
Nebraska	W	2,441	W	194	263	-26.0%	0	0	--
North Dakota	1,696	W	W	40	44	-8.8%	0	0	--
South Dakota	W	W	W	65	69	-7.0%	0	0	--
South Atlantic	27,005	23,372	16.0%	10,645	12,016	-11.0%	W	W	W
Delaware	W	W	W	205	277	-26.0%	0	0	--
District of Columbia	0	0	--	0	0	--	0	0	--
Florida	W	W	W	5,686	6,307	-9.8%	W	W	W
Georgia	5,252	5,396	-2.7%	885	874	1.2%	0	0	--
Maryland	1,279	763	68.0%	683	655	4.4%	0	0	--
North Carolina	6,090	3,594	69.0%	998	1,165	-14.0%	0	0	--
South Carolina	3,983	4,222	-5.6%	541	642	-16.0%	0	0	--
Virginia	1,106	915	21.0%	1,491	1,936	-23.0%	0	0	--
West Virginia	3,400	4,139	-18.0%	156	160	-3.0%	W	W	W
East South Central	W	13,017	W	2,099	1,841	14.0%	W	W	W
Alabama	4,448	3,351	33.0%	417	285	46.0%	0	0	--
Kentucky	7,628	5,834	31.0%	254	260	-2.6%	W	W	W
Mississippi	W	895	W	578	580	-0.3%	0	0	--
Tennessee	2,998	2,936	2.1%	850	716	19.0%	0	0	--
West South Central	26,132	21,161	23.0%	2,012	2,163	-7.0%	W	W	W
Arkansas	3,678	2,935	25.0%	W	229	W	0	0	--
Louisiana	3,397	3,319	2.4%	501	549	-8.7%	W	W	W
Oklahoma	3,754	3,079	22.0%	W	W	W	0	0	--
Texas	15,303	11,828	29.0%	1,236	W	W	0	0	--
Mountain	17,892	14,440	24.0%	648	912	-29.0%	W	W	W
Arizona	3,546	2,553	39.0%	143	192	-26.0%	0	0	--
Colorado	4,674	3,473	35.0%	227	241	-5.7%	0	0	--
Idaho	0	0	--	W	W	W	0	0	--
Montana	W	W	W	W	17	W	W	W	W
Nevada	1,182	510	132.0%	W	179	W	0	0	--
New Mexico	W	W	W	W	W	W	0	0	--
Utah	3,035	3,633	-16.0%	W	W	W	0	0	--
Wyoming	3,431	2,356	46.0%	38	38	0.4%	0	0	--
Pacific Contiguous	W	W	W	347	388	-11.0%	0	W	W
California	0	W	W	168	214	-21.0%	0	W	W
Oregon	W	W	W	W	W	W	0	0	--
Washington	W	W	W	W	W	W	0	0	--
Pacific Noncontiguous	W	W	W	2,348	2,210	6.3%	0	0	--
Alaska	0	W	W	27	229	-88.0%	0	0	--
Hawaii	W	W	W	2,321	1,981	17.0%	0	0	--
U.S. Total	150,322	119,885	25.0%	27,287	28,477	-4.2%	897	276	225.0%

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 3.3 Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, by Census Divison, February 2015 and 2014

	Electric Power Sector			Electric Utilities		Independent Power Producers	
Census Division	**February 2015**	**February 2014**	**Percentage Change**	**February 2015**	**February 2014**	**February 2015**	**February 2014**
Coal (Thousand Tons)							
New England	W	866	W	W	W	W	W
Middle Atlantic	6,927	4,579	51.3%	0	0	6,927	4,579
East North Central	31,672	20,719	52.9%	23,111	15,311	8,561	5,408
West North Central	21,533	20,616	4.4%	21,533	20,616	0	0
South Atlantic	27,005	23,372	15.5%	23,207	20,567	3,798	2,804
East South Central	W	13,017	W	W	13,017	W	0
West South Central	26,132	21,161	23.5%	15,081	12,501	11,051	8,659
Mountain	17,892	14,440	23.9%	16,576	W	1,316	W
Pacific Contiguous	W	W	W	W	W	W	W
Pacific Noncontiguous	W	W	W	0	W	W	W
U.S. Total	**150,322**	**119,885**	**25.4%**	**116,664**	**96,427**	**33,658**	**23,458**
Petroleum Liquids (Thousand Barrels)							
New England	2,890	2,675	8.0%	621	W	2,269	W
Middle Atlantic	4,044	3,968	1.9%	1,274	1,374	2,770	2,594
East North Central	1,149	1,227	-6.4%	893	W	256	W
West North Central	1,106	1,078	2.6%	1,082	1,048	24	30
South Atlantic	10,645	12,016	-11.4%	8,771	10,092	1,874	1,923
East South Central	2,099	1,841	14.0%	W	W	W	W
West South Central	2,012	2,163	-7.0%	1,464	W	549	W
Mountain	648	912	-29.0%	W	874	W	39
Pacific Contiguous	347	388	-10.8%	W	292	W	97
Pacific Noncontiguous	2,348	2,210	6.3%	W	W	W	W
U.S. Total	**27,287**	**28,477**	**-4.2%**	**19,197**	**20,573**	**8,091**	**7,904**
Petroleum Coke (Thousand Tons)							
New England	0	0	--	0	0	0	0
Middle Atlantic	W	W	W	0	0	W	W
East North Central	294	83	255.2%	W	W	W	W
West North Central	0	0	--	0	0	0	0
South Atlantic	W	W	W	W	W	W	W
East South Central	W	W	W	W	W	0	0
West South Central	W	W	W	W	W	0	0
Mountain	W	W	W	0	0	W	W
Pacific Contiguous	0	W	W	0	0	0	W
Pacific Noncontiguous	0	0	--	0	0	0	0
U.S. Total	**897**	**276**	**224.9%**	**W**	**202**	**W**	**74**

W = Withheld to avoid disclosure of individual company data.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form-923, 'Power Plant Operations Report.'

Table 3.4. Stocks of Coal by Coal Rank: Electric Power Sector, 2005 - February 2015

	Electric Power Sector			
Period	Bituminous Coal	Subbituminous Coal	Lignite Coal	Total
End of Year Stocks				
2005	52,923	44,377	3,836	101,137
2006	67,760	68,408	4,797	140,964
2007	63,964	82,692	4,565	151,221
2008	65,818	91,214	4,556	161,589
2009	91,922	92,448	5,097	189,467
2010	81,108	86,915	6,894	174,917
2011	82,056	85,151	5,179	172,387
2012	86,437	93,833	4,846	185,116
2013	73,113	69,720	5,051	147,884
2014	72,580	72,699	6,083	151,362
Year 2013, End of Month Stocks				
January	83,501	90,693	4,664	178,859
February	81,835	89,227	4,504	175,565
March	80,528	86,416	4,792	171,736
April	82,756	85,182	5,076	173,014
May	84,487	86,439	6,248	177,174
June	82,016	82,922	6,186	171,124
July	75,887	78,372	5,760	160,019
August	73,002	75,970	5,595	154,567
Sept	72,121	75,001	5,571	152,694
October	74,079	74,620	5,496	154,194
November	75,232	75,683	5,334	156,249
December	73,113	69,720	5,051	147,884
Year 2014, End of Month Stocks				
January	63,026	65,238	5,382	133,647
February	55,476	58,960	5,449	119,885
March	54,643	58,201	5,462	118,305
April	59,931	62,873	6,079	128,883
May	63,227	66,882	6,365	136,474
June	62,063	64,339	6,477	132,879
July	59,524	59,438	6,278	125,240
August	59,489	54,719	6,501	120,709
Sept	62,310	55,377	6,127	123,814
October	68,285	61,269	6,155	135,709
November	69,703	65,965	5,641	141,309
December	72,580	72,699	6,083	151,362
Year 2015, End of Month Stocks				
January	70,361	79,167	5,587	155,115
February	64,699	80,337	5,286	150,322

Notes: See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923. and predecessor forms. Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms. Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following:
Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 2005 - February 2015

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2005	20,647,307	1,021,437	1.54	31.20	0.98	95.9	986,258	157,221	7.59	47.61	0.77	84.7
2006	21,735,101	1,079,943	1.69	34.09	0.97	102.5	406,869	65,002	8.68	54.35	0.73	74.0
2007	21,152,358	1,054,664	1.77	35.48	0.96	98.6	375,260	60,068	9.59	59.93	0.71	62.6
2008	21,280,258	1,069,709	2.07	41.14	0.97	100.5	375,684	61,139	15.52	95.38	0.61	99.6
2009	19,437,966	981,477	2.21	43.74	1.01	102.8	330,043	54,181	10.25	62.47	0.54	104.8
2010	19,289,661	979,918	2.27	44.64	1.16	97.9	275,058	45,472	14.02	84.80	0.51	101.1
2011	18,675,843	956,538	2.39	46.65	1.19	100.0	216,752	36,158	19.94	119.54	0.60	116.1
2012	16,265,578	841,183	2.38	46.09	1.25	99.5	116,937	19,464	21.85	131.28	0.51	75.7
2013	15,906,809	823,222	2.34	45.33	1.29	93.7	123,964	20,413	20.56	124.90	0.46	76.5
2014	16,295,085	836,196	2.37	46.11	1.32	95.8	171,500	28,355	19.88	120.32	0.46	78.0
Year 2013												
January	1,342,301	69,783	2.34	45.09	1.27	90.9	10,766	1,787	21.00	126.64	0.50	52.0
February	1,229,209	63,662	2.34	45.28	1.34	92.7	10,780	1,756	21.02	129.19	0.46	79.8
March	1,291,446	66,546	2.35	45.68	1.34	92.3	14,263	2,321	20.15	123.86	0.46	123.8
April	1,229,373	62,822	2.37	46.51	1.36	100.9	6,131	1,025	21.53	128.84	0.52	53.1
May	1,328,111	68,190	2.37	46.23	1.31	103.1	8,658	1,428	20.70	125.53	0.50	70.1
June	1,319,801	68,294	2.36	45.62	1.26	89.3	7,007	1,170	20.96	125.57	0.50	60.6
July	1,392,487	72,998	2.31	44.14	1.19	86.1	10,748	1,782	20.51	123.69	0.48	64.4
August	1,465,659	76,277	2.33	44.76	1.26	91.4	11,993	1,962	19.70	120.41	0.44	98.8
Sept	1,359,392	70,489	2.35	45.29	1.29	95.1	9,904	1,630	20.17	122.66	0.38	90.9
October	1,318,098	67,874	2.34	45.49	1.33	100.1	10,145	1,675	20.86	126.37	0.43	92.5
November	1,311,392	67,740	2.33	45.11	1.29	100.3	12,818	2,105	20.10	122.51	0.46	111.3
December	1,319,540	68,548	2.34	45.06	1.29	86.8	10,751	1,775	20.95	126.83	0.45	58.5
Year 2014												
January	1,295,172	67,779	2.30	43.90	1.26	79.4	26,893	4,499	21.87	130.83	0.43	38.3
February	1,195,094	61,440	2.33	45.27	1.35	78.9	26,044	4,286	21.60	131.47	0.44	118.5
March	1,374,906	69,853	2.37	46.61	1.35	94.4	15,155	2,507	21.94	132.70	0.44	61.3
April	1,316,053	66,626	2.39	47.21	1.34	111.7	8,946	1,480	21.71	131.19	0.41	86.0
May	1,359,265	69,106	2.40	47.17	1.38	105.5	8,613	1,430	21.19	127.61	0.46	76.2
June	1,342,560	68,561	2.38	46.61	1.36	90.4	9,308	1,541	21.41	129.32	0.45	86.1
July	1,404,470	72,363	2.37	46.03	1.28	87.1	8,413	1,392	21.29	128.63	0.50	70.9
August	1,460,347	74,999	2.37	46.10	1.33	90.8	9,143	1,503	20.63	125.49	0.51	72.3
Sept	1,377,308	70,587	2.37	46.25	1.34	99.9	10,201	1,683	19.67	119.52	0.51	89.4
October	1,390,364	71,389	2.30	44.86	1.30	113.8	12,820	2,128	18.49	111.48	0.48	122.3
November	1,347,066	69,471	2.30	44.61	1.30	105.1	17,738	2,951	16.52	99.39	0.43	150.8
December	1,432,479	74,020	2.51	48.54	1.30	106.9	18,225	2,955	13.91	85.81	0.48	155.2
Year 2015												
January	1,405,183	72,721	2.28	44.12	1.30	99.5	13,249	2,190	12.76	77.20	0.57	55.2
February	1,170,120	60,606	2.26	43.63	1.32	88.4	20,190	3,319	12.47	75.96	0.51	33.7
Year to Date												
2013	2,571,510	133,445	2.34	45.18	1.30	91.8	21,546	3,542	21.01	127.90	0.48	62.9
2014	2,490,267	129,220	2.31	44.55	1.30	79.2	52,937	8,785	21.74	131.15	0.44	57.2
2015	2,575,303	133,327	2.27	43.90	1.31	94.1	33,438	5,509	12.58	76.45	0.53	39.9
Rolling 12 Months Ending in February												
2014	15,825,566	818,997	2.34	45.24	1.29	91.3	155,355	25,656	20.90	126.63	0.45	70.4
2015	16,380,121	840,303	2.36	46.00	1.32	98.7	152,001	25,079	17.64	106.97	0.48	72.0

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 2005 - February 2015 (continued)

	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMbtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2005	211,776	7,502	1.11	31.35	5.15	82.3	6,356,868	6,181,717	8.21	8.44	88.1	3.25
2006	203,270	7,193	1.33	37.46	5.15	83.4	6,855,680	6,675,246	6.94	7.13	90.2	3.02
2007	161,091	5,656	1.51	43.02	5.07	77.5	7,396,233	7,200,316	7.11	7.30	90.4	3.23
2008	199,724	7,040	2.11	59.72	4.98	111.5	8,089,467	7,879,046	9.01	9.26	102.5	4.12
2009	197,921	6,954	1.61	45.89	4.63	119.3	8,319,329	8,118,550	4.74	4.86	102.3	3.04
2010	169,508	5,963	2.28	64.85	4.79	98.5	8,867,396	8,673,070	5.09	5.20	102.0	3.26
2011	171,100	5,980	3.03	86.78	5.01	98.2	9,250,652	9,056,164	4.72	4.83	103.8	3.29
2012	119,667	4,180	2.24	64.14	5.55	83.3	9,746,691	9,531,389	3.42	3.50	91.9	2.83
2013	132,474	4,660	2.18	61.95	5.41	73.5	8,721,114	8,503,424	4.33	4.44	89.7	3.09
2014	144,694	5,091	1.96	55.81	5.55	87.5	8,671,674	8,423,883	5.00	5.14	89.8	3.32
Year 2013												
January	10,103	355	2.04	58.21	5.61	68.1	676,695	660,645	4.38	4.49	89.1	3.08
February	9,754	343	2.09	59.50	5.40	82.5	607,094	592,786	4.39	4.50	88.9	3.09
March	8,239	290	2.08	59.25	5.47	58.8	649,452	633,519	4.30	4.40	89.2	3.09
April	11,240	396	2.28	64.98	5.35	86.8	609,479	594,620	4.67	4.79	89.3	3.15
May	11,758	412	2.34	66.64	5.37	68.8	665,433	648,152	4.62	4.75	90.4	3.15
June	11,528	407	2.42	68.49	5.07	67.1	782,722	762,845	4.42	4.54	90.6	3.14
July	12,215	428	2.29	65.47	5.44	69.6	949,493	924,645	4.20	4.31	90.0	3.11
August	10,902	381	2.25	64.57	5.38	58.3	940,629	917,829	3.91	4.00	90.4	2.99
Sept	12,370	433	2.17	61.88	5.36	77.7	794,084	774,415	4.08	4.18	90.3	3.02
October	12,201	432	2.13	60.26	5.37	82.8	683,580	666,361	4.11	4.21	89.8	2.99
November	9,653	339	1.91	54.26	5.43	84.7	647,943	631,751	4.19	4.30	89.3	3.01
December	12,511	444	2.02	57.05	5.66	89.4	714,509	695,857	4.91	5.04	88.7	3.26
Year 2014												
January	9,894	350	1.80	50.87	5.25	62.5	709,245	691,475	7.04	7.22	89.0	4.10
February	10,083	356	W	W	5.46	75.6	587,376	572,177	7.40	7.59	88.4	W
March	12,939	457	2.00	56.64	5.81	84.1	606,222	590,661	6.00	6.15	88.8	3.53
April	12,734	449	2.11	59.89	5.95	111.9	593,040	577,655	5.07	5.20	89.1	3.24
May	12,593	446	2.18	61.41	5.55	98.1	691,105	672,102	4.93	5.07	90.5	3.25
June	11,435	400	2.05	58.67	5.77	82.2	766,138	744,633	4.83	4.97	90.6	3.28
July	11,392	399	1.88	53.73	5.69	74.9	886,181	860,304	4.43	4.57	90.8	3.17
August	12,517	439	1.95	55.68	5.51	81.1	943,735	915,459	4.12	4.24	91.2	3.07
Sept	11,559	406	1.90	54.12	5.43	79.6	811,708	786,977	4.20	4.33	90.0	3.06
October	10,797	381	1.77	50.25	5.31	111.4	743,322	720,648	4.10	4.23	89.8	2.96
November	11,980	421	1.84	52.32	5.45	100.9	646,732	626,919	4.48	4.62	89.0	3.07
December	16,770	587	1.98	56.64	5.40	105.0	686,870	664,873	4.35	4.49	89.3	3.14
Year 2015												
January	13,724	484	2.03	57.48	5.23	93.8	754,341	730,694	4.10	4.23	88.7	2.92
February	9,660	338	1.79	51.07	5.30	64.0	688,731	666,976	4.68	4.83	89.2	3.19
Year to Date												
2013	19,857	699	2.06	58.85	5.51	74.5	1,283,789	1,253,431	4.39	4.49	89.0	3.08
2014	19,977	706	1.90	53.99	5.36	68.5	1,296,620	1,263,652	7.20	7.39	88.7	4.11
2015	23,385	822	1.93	54.85	5.26	78.7	1,443,072	1,397,670	4.38	4.52	89.0	3.05
Rolling 12 Months Ending in February												
2014	132,593	4,668	W	W	5.38	72.6	8,733,945	8,513,646	4.75	4.87	89.7	W
2015	148,102	5,207	1.96	55.88	5.53	89.3	8,818,126	8,557,900	4.56	4.70	89.8	3.15

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2005 - February 2015

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2005	15,836,924	775,890	1.53	31.22	0.94	101.9	566,320	89,303	7.17	45.46	0.89	90.9
2006	16,197,852	797,361	1.69	34.26	0.92	105.8	269,033	42,415	8.33	52.80	0.82	79.2
2007	15,561,395	767,377	1.78	36.06	0.92	100.3	216,349	34,026	9.24	58.73	0.77	59.8
2008	15,347,396	764,399	2.06	41.32	0.93	100.5	240,937	38,891	15.83	98.09	0.60	99.7
2009	14,402,019	719,253	2.22	44.47	0.99	103.4	202,598	32,959	10.44	64.18	0.51	103.5
2010	14,226,995	713,094	2.27	45.33	1.14	98.8	189,790	31,099	13.94	85.07	0.48	101.0
2011	13,871,559	699,353	2.40	47.67	1.16	101.5	144,255	23,859	20.30	122.72	0.53	114.5
2012	11,939,543	609,445	2.43	47.51	1.18	99.0	86,030	14,252	22.11	133.44	0.41	81.3
2013	11,595,328	592,772	2.38	46.51	1.23	92.9	78,101	12,814	21.09	128.57	0.43	76.2
2014	11,991,691	607,877	2.40	47.31	1.26	95.6	99,044	16,281	19.91	121.16	0.44	80.6
Year 2013												
January	966,431	49,719	2.37	46.15	1.18	89.3	7,473	1,239	21.08	127.15	0.41	68.5
February	899,054	45,989	2.38	46.62	1.26	93.8	6,220	1,009	21.34	131.57	0.40	78.9
March	948,352	48,339	2.37	46.58	1.27	92.9	9,929	1,608	20.43	126.13	0.45	120.6
April	904,409	45,784	2.41	47.65	1.28	100.5	3,831	638	21.99	131.94	0.45	47.8
May	958,782	48,775	2.40	47.27	1.23	100.9	6,010	987	20.90	127.33	0.47	69.5
June	965,951	49,292	2.39	46.90	1.21	88.0	4,713	786	21.31	127.71	0.43	59.5
July	1,031,429	53,206	2.34	45.37	1.16	86.7	7,153	1,184	20.82	125.77	0.44	68.4
August	1,071,201	54,959	2.37	46.16	1.21	89.5	8,382	1,353	19.78	122.55	0.45	96.5
Sept	974,613	49,808	2.38	46.62	1.22	93.8	4,882	795	21.67	132.98	0.34	68.0
October	956,973	48,754	2.37	46.45	1.27	98.7	6,139	1,011	21.98	133.43	0.40	81.1
November	958,575	49,043	2.36	46.21	1.22	98.8	6,313	1,037	21.61	131.57	0.41	79.5
December	959,557	49,103	2.37	46.32	1.23	86.5	7,055	1,166	21.58	130.56	0.43	79.2
Year 2014												
January	926,991	47,962	2.31	44.60	1.18	76.9	12,038	2,017	21.73	129.71	0.32	42.5
February	863,997	43,905	2.33	45.93	1.28	78.2	12,405	2,045	21.75	132.02	0.49	107.8
March	989,078	49,867	2.38	47.17	1.30	94.3	9,000	1,475	21.54	131.41	0.39	76.4
April	953,528	47,782	2.41	48.20	1.28	113.2	6,706	1,101	21.74	132.38	0.36	88.4
May	996,345	50,122	2.42	48.21	1.32	104.6	5,373	895	21.89	131.40	0.34	67.9
June	992,039	49,981	2.40	47.74	1.29	88.2	6,342	1,050	21.67	130.93	0.34	87.2
July	1,048,298	53,172	2.40	47.43	1.22	86.7	5,999	988	21.28	129.22	0.47	73.5
August	1,090,914	55,193	2.41	47.56	1.27	90.1	6,888	1,124	20.62	126.42	0.50	81.4
Sept	1,034,229	52,306	2.41	47.59	1.27	101.6	6,927	1,138	19.90	121.14	0.48	83.9
October	1,040,271	52,787	2.33	45.87	1.26	115.2	6,948	1,150	19.34	117.04	0.48	94.0
November	1,000,204	50,949	2.33	45.73	1.24	107.5	7,528	1,240	17.71	107.59	0.50	97.3
December	1,055,798	53,851	2.61	51.19	1.25	106.1	12,890	2,058	13.23	82.89	0.46	160.7
Year 2015												
January	1,047,181	53,698	2.30	44.93	1.25	101.7	8,876	1,461	11.83	71.88	0.57	68.7
February	880,402	45,136	2.26	44.08	1.27	90.5	8,693	1,422	11.74	71.78	0.47	38.3
Year to Date												
2013	1,865,485	95,708	2.38	46.37	1.22	91.4	13,694	2,247	21.19	129.13	0.40	72.8
2014	1,790,987	91,867	2.32	45.24	1.22	77.5	24,443	4,062	21.74	130.87	0.43	61.2
2015	1,927,583	98,835	2.28	44.54	1.26	96.2	17,569	2,883	11.79	71.83	0.52	49.3
Rolling 12 Months Ending in February												
2014	11,520,830	588,931	2.37	46.33	1.23	90.3	88,851	14,629	21.26	129.12	0.42	71.8
2015	12,128,287	614,844	2.39	47.17	1.27	99.1	92,169	15,102	17.87	109.12	0.45	77.8

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2005 - February 2015 (continued)

	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMbtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2005	102,450	3,632	1.29	36.31	5.16	87.9	1,835,221	1,780,721	8.32	8.57	83.4	2.38
2006	99,471	3,516	1.49	42.21	5.11	97.2	2,222,289	2,163,113	7.36	7.56	87.3	2.45
2007	84,812	2,964	1.73	49.57	5.09	105.6	2,378,104	2,315,637	7.47	7.67	84.6	2.61
2008	80,987	2,843	2.13	60.51	5.36	123.8	2,856,354	2,784,642	9.15	9.39	102.0	3.33
2009	109,126	3,833	1.68	47.84	5.02	138.8	3,033,133	2,962,640	5.50	5.63	101.8	2.87
2010	103,152	3,628	2.38	67.65	5.03	109.1	3,395,962	3,327,919	5.43	5.54	101.1	2.99
2011	99,208	3,445	3.08	88.73	5.17	99.9	3,571,348	3,507,613	5.00	5.09	101.8	3.08
2012	72,782	2,521	2.30	66.40	5.46	119.8	4,083,579	4,003,457	3.74	3.81	97.6	2.86
2013	99,088	3,463	2.11	60.30	5.34	101.6	3,939,408	3,851,241	4.49	4.59	97.0	2.99
2014	123,793	4,349	1.89	53.77	5.56	129.6	3,714,733	3,614,573	5.16	5.30	97.1	3.14
Year 2013												
January	6,816	237	1.97	56.67	5.52	93.7	308,726	302,282	4.35	4.44	97.5	2.95
February	7,272	254	2.05	58.54	5.32	115.4	276,355	270,729	4.29	4.38	97.3	2.92
March	5,449	190	2.00	57.27	5.37	80.5	292,291	285,901	4.44	4.54	97.4	2.99
April	8,309	291	2.23	63.79	5.23	133.8	267,830	262,122	4.88	4.99	97.6	3.03
May	8,610	301	2.28	65.22	5.28	83.5	298,278	291,130	4.84	4.96	98.4	3.06
June	8,302	291	2.36	67.19	4.88	83.7	360,943	352,719	4.65	4.75	97.1	3.06
July	9,006	314	2.25	64.47	5.35	93.2	427,831	417,585	4.38	4.48	96.6	3.01
August	7,910	274	2.15	62.01	5.24	82.6	436,060	426,576	4.15	4.24	96.3	2.97
Sept	10,687	373	2.09	59.92	5.32	114.6	360,603	352,812	4.35	4.44	96.7	2.97
October	9,457	333	2.06	58.58	5.37	114.9	309,544	302,556	4.40	4.50	96.9	2.95
November	7,486	262	1.87	53.23	5.41	120.6	281,343	274,910	4.44	4.55	96.6	2.92
December	9,784	343	1.93	54.95	5.75	125.9	319,604	311,919	4.93	5.05	96.3	3.10
Year 2014												
January	8,753	309	1.79	50.66	5.22	88.7	308,967	301,902	6.20	6.34	97.7	3.44
February	8,883	312	2.01	57.15	5.47	113.1	247,518	241,777	7.01	7.18	97.3	3.55
March	11,235	396	1.94	54.97	5.85	119.1	257,997	252,175	5.92	6.06	98.2	3.22
April	11,184	394	2.07	58.69	5.98	186.0	256,911	250,788	5.33	5.46	98.3	3.12
May	10,813	383	2.13	60.11	5.57	127.3	315,637	307,499	5.26	5.40	97.8	3.17
June	9,321	325	1.97	56.35	5.85	99.7	333,374	324,743	5.16	5.30	96.8	3.17
July	9,697	339	1.79	51.25	5.70	119.2	374,870	364,240	4.83	4.97	96.1	3.11
August	10,451	365	1.85	52.89	5.51	127.9	407,404	395,736	4.46	4.59	96.4	3.03
Sept	9,844	345	1.81	51.54	5.40	128.7	336,865	326,815	4.63	4.77	95.8	3.02
October	9,240	326	1.65	46.75	5.25	183.7	306,705	297,593	4.56	4.71	96.4	2.90
November	10,079	354	1.70	48.51	5.43	159.9	274,868	266,620	4.75	4.90	97.2	2.93
December	14,294	499	1.90	54.38	5.40	154.9	293,615	284,687	4.60	4.74	97.8	3.12
Year 2015												
January	11,509	404	1.94	55.36	5.21	134.7	324,270	314,575	4.25	4.38	96.2	2.81
February	8,617	301	1.72	49.17	5.31	94.8	300,921	291,795	4.56	4.70	94.8	2.90
Year to Date												
2013	14,088	491	2.01	57.63	5.42	103.8	585,081	573,011	4.32	4.41	97.4	2.94
2014	17,636	621	1.90	53.92	5.35	99.4	556,485	543,679	6.56	6.71	97.5	3.49
2015	20,126	704	1.84	52.72	5.25	114.2	625,191	606,370	4.40	4.53	95.5	2.85
Rolling 12 Months Ending in February												
2014	102,636	3,593	2.09	59.56	5.33	100.9	3,910,812	3,821,909	4.81	4.92	97.0	3.08
2015	126,284	4,432	1.88	53.58	5.54	132.4	3,783,439	3,677,264	4.83	4.97	96.7	3.04

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2005 - February 2015

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2005	4,459,333	229,071	1.56	30.39	1.10	83.0	381,871	61,753	8.30	51.34	0.54	97.2
2006	5,204,402	266,856	1.69	33.04	1.09	97.7	117,524	19,236	9.65	58.98	0.45	104.9
2007	5,275,454	273,216	1.71	33.11	1.06	97.5	125,025	20,486	10.49	64.01	0.45	85.0
2008	5,395,142	281,258	2.03	38.98	1.04	100.4	82,124	13,657	16.30	98.03	0.41	94.4
2009	4,563,080	240,687	2.11	39.94	1.06	101.1	68,030	11,408	10.02	59.76	0.37	102.0
2010	4,555,898	243,585	2.20	41.15	1.21	96.0	49,598	8,420	14.80	87.19	0.35	89.9
2011	4,292,284	233,295	2.28	41.95	1.25	95.9	41,599	7,096	20.30	119.01	0.50	106.9
2012	4,036,436	218,341	2.21	40.92	1.42	104.9	23,922	4,073	22.34	131.28	0.44	79.8
2013	4,032,431	217,572	2.20	40.95	1.48	99.1	43,432	7,205	19.71	118.88	0.45	110.1
2014	4,096,609	219,181	2.24	41.84	1.49	101.8	70,520	11,760	19.88	119.39	0.45	99.0
Year 2013												
January	352,557	18,976	2.21	41.20	1.51	99.1	2,963	495	21.11	126.80	0.54	45.0
February	308,971	16,694	2.18	40.44	1.56	93.3	4,345	712	20.68	126.61	0.51	117.8
March	319,485	17,108	2.24	41.93	1.57	94.1	4,016	661	19.63	119.32	0.41	206.0
April	303,157	16,041	2.21	41.98	1.60	106.6	2,074	350	W	W	0.44	94.2
May	345,413	18,316	2.23	42.25	1.53	113.7	2,404	402	20.48	122.55	0.43	104.1
June	331,183	17,955	2.22	40.98	1.41	95.5	2,048	344	20.51	122.17	0.43	84.9
July	336,772	18,662	2.18	39.50	1.28	86.5	3,386	564	20.03	120.23	0.46	68.0
August	369,852	20,185	2.16	39.71	1.41	99.2	3,449	582	19.54	115.78	0.39	147.1
Sept	361,593	19,609	2.20	40.72	1.48	101.2	4,942	821	18.64	112.29	0.40	180.6
October	338,484	18,086	2.22	41.67	1.47	108.4	3,904	647	19.14	115.55	0.47	175.5
November	328,769	17,596	2.18	40.82	1.50	109.0	6,401	1,051	18.52	113.07	0.49	284.8
December	336,195	18,343	2.20	40.48	1.44	90.2	3,498	576	19.73	119.40	0.43	61.3
Year 2014												
January	350,905	19,050	2.24	41.28	1.46	90.9	14,545	2,432	22.04	132.11	0.46	42.4
February	314,645	16,810	2.27	42.55	1.53	84.6	13,366	2,197	21.48	131.02	0.39	185.0
March	366,874	19,151	2.31	44.21	1.49	100.2	6,040	1,013	22.58	134.67	0.52	62.3
April	345,380	18,077	2.28	43.56	1.48	114.8	2,123	360	21.86	128.91	0.48	122.7
May	346,525	18,254	2.29	43.49	1.55	114.9	3,114	515	20.13	121.81	0.52	150.3
June	334,501	17,873	2.28	42.65	1.53	101.6	2,781	462	21.06	126.86	0.51	133.8
July	338,433	18,407	2.23	40.92	1.45	92.1	2,293	385	21.58	128.67	0.50	95.1
August	351,259	19,006	2.20	40.73	1.49	96.8	2,146	361	W	W	0.49	79.2
Sept	326,150	17,536	2.21	41.14	1.55	100.2	3,143	523	19.18	115.94	0.50	161.2
October	332,719	17,836	2.18	40.69	1.41	116.9	5,736	956	17.56	105.37	0.44	278.5
November	329,754	17,767	2.18	40.50	1.46	104.4	10,062	1,687	15.60	93.15	0.38	403.0
December	359,464	19,414	2.18	40.43	1.44	116.3	5,171	870	15.56	92.53	0.53	217.9
Year 2015												
January	339,916	18,235	2.19	40.87	1.42	98.8	4,214	703	15.13	90.58	0.49	57.3
February	275,928	14,862	2.23	41.41	1.44	87.1	11,092	1,829	12.91	78.44	0.51	36.5
Year to Date												
2013	661,528	35,670	2.20	40.85	1.53	96.3	7,309	1,207	20.85	126.69	0.52	70.8
2014	665,550	35,859	2.26	41.88	1.49	87.9	27,911	4,629	21.77	131.59	0.42	66.9
2015	615,844	33,097	2.21	41.11	1.43	93.1	15,306	2,532	13.46	81.48	0.50	40.6
Rolling 12 Months Ending in February												
2014	4,036,453	217,760	2.21	41.12	1.47	97.5	64,033	10,627	W	W	0.43	90.3
2015	4,046,903	216,418	2.23	41.72	1.48	103.1	57,915	9,663	W	W	0.48	86.3

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2005 - February 2015 (continued)

	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMbtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2005	92,706	3,277	0.90	25.42	5.09	82.9	3,675,165	3,578,722	8.20	8.42	95.8	4.69
2006	85,924	3,031	1.07	30.34	5.13	87.1	3,742,865	3,647,102	6.66	6.84	97.4	3.82
2007	56,580	1,994	1.02	28.95	4.88	69.3	4,097,825	3,990,546	6.92	7.11	97.2	4.06
2008	79,122	2,788	1.47	41.85	4.63	98.8	4,061,830	3,956,155	8.93	9.17	100.5	5.07
2009	49,619	1,732	1.31	37.63	3.87	93.6	4,087,573	3,987,721	4.30	4.41	100.7	3.18
2010	30,079	1,050	1.74	49.80	3.84	72.3	4,212,611	4,119,103	4.94	5.05	100.6	3.57
2011	33,643	1,175	2.54	72.85	4.55	84.6	4,252,040	4,158,617	4.62	4.72	100.8	3.52
2012	23,024	801	0.82	23.98	5.49	92.1	4,810,553	4,696,637	3.17	3.25	93.8	2.74
2013	16,150	575	W	W	5.39	65.6	4,025,263	3,917,898	4.25	4.36	92.8	W
2014	13,781	488	W	W	5.33	70.9	4,236,618	4,111,996	4.92	5.07	92.9	W
Year 2013												
January	1,444	52	0.00	0.00	5.37	67.8	305,859	297,827	4.59	4.72	92.6	3.29
February	1,424	51	0.00	0.00	5.39	74.3	271,071	264,155	4.73	4.85	91.0	3.39
March	1,474	53	0.00	0.00	5.36	69.9	293,315	285,996	4.36	4.47	92.2	3.27
April	1,507	54	W	W	5.44	76.0	282,900	275,394	4.56	4.68	92.9	W
May	1,628	57	W	W	5.43	118.1	304,542	296,100	4.45	4.58	92.9	W
June	1,541	54	W	W	5.43	80.3	357,118	347,375	4.20	4.32	92.9	W
July	1,543	54	W	W	5.37	67.4	457,359	444,633	4.06	4.17	92.9	W
August	951	34	W	W	5.36	33.2	439,538	428,028	3.67	3.77	93.5	W
Sept	118	4	W	W	5.22	6.1	372,893	362,795	3.83	3.94	93.9	W
October	1,492	53	W	W	5.33	73.4	311,285	302,936	3.86	3.96	93.3	W
November	1,490	52	0.00	0.00	5.43	77.3	301,695	293,861	4.03	4.14	92.9	3.11
December	1,538	55	W	W	5.42	70.9	327,686	318,797	5.05	5.19	92.4	W
Year 2014												
January	922	33	W	W	5.35	52.1	336,380	327,589	8.51	8.74	92.6	W
February	1,039	38	0.00	0.00	5.27	60.5	282,563	274,863	8.22	8.45	91.4	5.15
March	1,127	41	W	W	5.47	62.2	284,981	277,149	6.35	6.53	91.8	W
April	1,047	37	W	W	5.53	57.7	279,495	271,880	4.86	5.00	92.1	W
May	1,419	50	W	W	5.35	88.2	317,301	308,271	4.54	4.68	92.5	W
June	1,349	47	W	W	5.24	103.8	374,148	363,114	4.47	4.61	93.4	W
July	1,124	39	W	W	5.55	68.7	448,710	435,451	4.03	4.15	93.7	W
August	1,401	49	W	W	5.39	84.4	473,204	458,695	3.76	3.88	93.9	W
Sept	946	33	W	W	5.29	47.9	417,116	404,366	3.77	3.88	93.7	W
October	821	29	W	W	5.26	91.0	380,154	368,467	3.63	3.74	93.3	W
November	1,066	36	W	W	5.29	87.7	311,963	302,414	4.30	4.43	92.5	W
December	1,520	53	W	W	5.10	76.6	330,603	319,737	4.08	4.22	92.8	W
Year 2015												
January	1,427	52	W	W	5.10	77.4	371,200	359,180	4.07	4.20	93.1	W
February	562	20	W	W	4.53	30.2	331,718	320,864	5.15	5.32	93.9	W
Year to Date												
2013	2,868	103	0.00	0.00	5.38	70.9	576,931	561,982	4.66	4.78	91.9	3.34
2014	1,961	72	W	W	5.31	56.3	618,943	602,452	8.38	8.61	92.1	W
2015	1,989	71	2.45	68.33	4.94	54.0	702,918	680,044	4.59	4.74	93.5	W
Rolling 12 Months Ending in February												
2014	15,243	543	W	W	5.39	63.4	4,067,275	3,958,368	4.81	4.95	92.9	W
2015	13,809	488	W	W	5.28	70.4	4,320,593	4,189,588	4.34	4.47	93.1	W

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commercial Sector, 2005 - February 2015

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2005	11,081	464	2.57	61.21	2.43	24.2	1,684	289	8.28	48.22	0.17	18.3
2006	12,207	518	2.63	61.95	2.51	27.5	798	137	13.50	78.70	0.17	15.5
2007	12,419	531	2.67	62.46	2.58	27.6	249	43	14.04	81.93	0.17	6.2
2008	43,997	2,009	2.65	58.12	1.73	99.4	3,800	633	17.84	107.10	0.37	102.0
2009	41,182	1,876	2.90	63.68	1.67	104.3	3,517	583	10.82	65.26	0.45	122.1
2010	37,778	1,747	2.82	61.06	1.77	101.6	2,395	400	15.24	91.25	0.38	106.3
2011	35,892	1,686	2.92	62.24	1.78	101.1	1,959	325	19.67	118.66	0.55	108.0
2012	4,427	192	3.41	78.71	2.75	13.2	247	43	W	W	0.00	11.0
2013	3,507	151	W	W	3.05	11.2	0	0	--	--	--	0.0
2014	3,746	163	W	W	2.70	12.3	0	0	--	--	--	0.0
Year 2013												
January	390	17	W	W	2.99	11.2	0	0	--	--	--	0.0
February	394	17	W	W	3.07	12.2	0	0	--	--	--	0.0
March	489	21	W	W	2.74	16.0	0	0	--	--	--	0.0
April	241	10	W	W	3.04	10.4	0	0	--	--	--	0.0
May	383	17	W	W	2.96	15.8	0	0	--	--	--	0.0
June	355	16	W	W	2.91	15.2	0	0	--	--	--	0.0
July	209	9	W	W	3.41	8.9	0	0	--	--	--	0.0
August	386	17	W	W	2.82	16.3	0	0	--	--	--	0.0
Sept	143	6	W	W	3.37	6.4	0	0	--	--	--	0.0
October	61	3	W	W	3.34	2.9	0	0	--	--	--	0.0
November	202	9	W	W	3.52	7.9	0	0	--	--	--	0.0
December	254	11	W	W	3.45	8.6	0	0	--	--	--	0.0
Year 2014												
January	400	18	W	W	3.06	12.0	0	0	--	--	--	0.0
February	407	18	W	W	2.91	12.4	0	0	--	--	--	0.0
March	452	20	W	W	2.72	14.1	0	0	--	--	--	0.0
April	364	15	W	W	1.91	13.5	0	0	--	--	--	0.0
May	475	21	W	W	2.54	22.5	0	0	--	--	--	0.0
June	116	5	W	W	2.88	5.7	0	0	--	--	--	0.0
July	261	11	W	W	2.52	11.4	0	0	--	--	--	0.0
August	159	7	W	W	2.96	7.5	0	0	--	--	--	0.0
Sept	306	13	W	W	2.56	14.9	0	0	--	--	--	0.0
October	313	14	W	W	2.72	15.7	0	0	--	--	--	0.0
November	229	10	W	W	3.00	8.8	0	0	--	--	--	0.0
December	264	12	W	W	2.96	9.6	0	0	--	--	--	0.0
Year 2015												
January	272	12	W	W	2.97	9.3	0	0	--	--	--	0.0
February	245	11	W	W	3.01	9.0	0	0	--	--	--	0.0
Year to Date												
2013	784	33	W	W	3.03	11.7	0	0	--	--	--	0.0
2014	807	36	W	W	2.98	12.2	0	0	--	--	--	0.0
2015	518	23	W	W	2.99	9.2	0	0	--	--	--	0.0
Rolling 12 Months Ending in February												
2014	3,530	153	W	W	3.04	11.3	0	0	--	--	--	0.0
2015	3,456	150	W	W	2.68	11.7	0	0	--	--	--	0.0

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commerical Sector, 2005 - February 2015 (continued)

	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMbtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2005	0	0	--	--	--	0.0	17,600	17,142	8.38	8.60	25.2	6.25
2006	0	0	--	--	--	0.0	21,369	20,819	8.33	8.55	30.7	6.42
2007	0	0	--	--	--	0.0	23,502	22,955	7.99	8.18	32.8	6.20
2008	370	14	2.14	58.36	5.53	135.3	71,670	69,877	9.01	9.24	105.5	6.94
2009	252	9	1.65	46.54	5.11	102.8	81,134	79,308	5.18	5.30	105.0	4.58
2010	410	15	2.19	60.59	5.67	122.5	92,055	90,130	5.39	5.51	105.1	4.83
2011	268	9	W	W	5.46	147.4	95,287	93,306	5.20	5.31	107.2	W
2012	0	0	--	--	--	0.0	18,315	18,008	5.88	5.98	16.2	W
2013	0	0	--	--	--	0.0	5,497	5,450	W	W	4.6	W
2014	0	0	--	--	--	0.0	5,765	5,712	W	W	5.1	W
Year 2013												
January	0	0	--	--	--	0.0	330	327	W	W	3.4	W
February	0	0	--	--	--	0.0	361	357	W	W	4.1	W
March	0	0	--	--	--	0.0	382	378	W	W	4.0	W
April	0	0	--	--	--	0.0	375	371	W	W	4.3	W
May	0	0	--	--	--	0.0	467	464	W	W	5.2	W
June	0	0	--	--	--	0.0	404	401	W	W	4.2	W
July	0	0	--	--	--	0.0	445	440	W	W	3.6	W
August	0	0	--	--	--	0.0	414	411	W	W	3.7	W
Sept	0	0	--	--	--	0.0	560	554	W	W	5.4	W
October	0	0	--	--	--	0.0	633	629	W	W	6.9	W
November	0	0	--	--	--	0.0	529	524	W	W	5.7	W
December	0	0	--	--	--	0.0	599	592	W	W	5.5	W
Year 2014												
January	0	0	--	--	--	0.0	405	400	W	W	3.7	W
February	0	0	--	--	--	0.0	296	292	W	W	3.2	W
March	0	0	--	--	--	0.0	354	349	W	W	3.8	W
April	0	0	--	--	--	0.0	439	435	W	W	5.1	W
May	0	0	--	--	--	0.0	490	486	W	W	5.7	W
June	0	0	--	--	--	0.0	438	435	W	W	5.0	W
July	0	0	--	--	--	0.0	475	471	W	W	5.0	W
August	0	0	--	--	--	0.0	624	619	W	W	6.3	W
Sept	0	0	--	--	--	0.0	553	548	W	W	5.9	W
October	0	0	--	--	--	0.0	578	573	W	W	6.1	W
November	0	0	--	--	--	0.0	476	471	W	W	5.1	W
December	0	0	--	--	--	0.0	638	632	W	W	6.5	W
Year 2015												
January	0	0	--	--	--	0.0	499	491	W	W	4.8	W
February	0	0	--	--	--	0.0	373	368	W	W	4.0	W
Year to Date												
2013	0	0	--	--	--	0.0	690	684	W	W	3.8	W
2014	0	0	--	--	--	0.0	701	692	W	W	3.5	W
2015	0	0	--	--	--	0.0	872	859	W	W	4.4	W
Rolling 12 Months Ending in February												
2014	0	0	--	--	--	0.0	5,508	5,459	W	W	4.6	W
2015	0	0	--	--	--	0.0	5,937	5,878	W	W	5.3	W

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 2005 - February 2015

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2005	339,968	16,011	1.94	41.17	1.42	61.9	36,383	5,876	6.64	41.13	1.36	26.4
2006	320,640	15,208	2.03	42.76	1.47	60.2	19,514	3,214	7.57	45.95	1.30	21.2
2007	303,091	13,540	2.20	49.16	1.36	60.1	33,637	5,514	8.53	52.06	1.33	38.8
2008	493,724	22,044	2.72	60.96	1.28	100.7	48,822	7,958	12.50	76.69	1.01	109.0
2009	431,686	19,661	2.81	61.68	1.22	99.5	55,899	9,232	9.83	59.52	0.83	112.8
2010	468,991	21,492	2.75	60.08	1.26	87.2	33,276	5,554	13.21	79.15	0.93	125.6
2011	476,108	22,204	2.93	62.86	1.33	99.5	28,939	4,878	17.67	104.83	1.08	144.8
2012	285,172	13,206	3.02	65.24	1.33	65.8	6,739	1,095	W	W	1.52	40.8
2013	275,543	12,727	W	W	1.32	64.4	2,431	394	18.20	112.29	1.43	15.8
2014	203,039	8,976	W	W	1.54	45.1	1,937	315	18.03	110.83	1.52	11.0
Year 2013												
January	22,923	1,071	W	W	1.23	60.6	330	53	18.32	113.35	1.58	20.1
February	20,789	962	W	W	1.31	60.2	214	35	18.09	110.29	1.33	15.3
March	23,120	1,078	W	W	1.24	61.7	318	52	18.11	111.18	1.25	26.9
April	21,566	986	W	W	1.35	63.0	226	36	W	W	1.63	18.6
May	23,533	1,082	W	W	1.31	66.8	244	39	17.85	110.67	1.41	19.2
June	22,312	1,032	W	W	1.18	66.0	246	40	18.19	112.54	1.69	22.2
July	24,077	1,120	W	W	1.29	67.0	208	33	17.37	108.22	1.66	20.8
August	24,220	1,116	W	W	1.30	68.6	161	26	18.55	113.24	1.38	17.0
Sept	23,042	1,066	W	W	1.37	69.7	80	13	18.61	114.88	1.32	8.8
October	22,581	1,031	W	W	1.38	63.7	102	17	19.09	118.20	0.80	10.1
November	23,845	1,092	W	W	1.42	64.9	104	17	19.02	115.77	1.00	9.5
December	23,534	1,091	W	W	1.40	61.8	198	32	18.35	113.33	1.25	7.7
Year 2014												
January	16,877	750	W	W	1.49	40.3	310	50	19.16	117.73	1.34	7.7
February	16,046	707	W	W	1.53	41.5	274	44	20.61	127.88	1.01	13.1
March	18,501	816	W	W	1.62	44.4	115	19	21.18	130.19	1.11	5.8
April	16,782	751	W	W	1.46	47.8	118	19	16.98	105.64	1.78	13.3
May	15,920	709	W	W	1.47	43.6	126	20	17.42	107.63	1.81	12.1
June	15,904	703	W	W	1.61	44.8	185	30	18.05	111.09	1.86	15.5
July	17,479	773	W	W	1.49	46.5	121	20	15.79	98.08	1.72	11.7
August	18,015	794	W	W	1.58	47.7	110	18	W	W	1.64	9.4
Sept	16,624	732	W	W	1.47	45.8	132	22	17.63	107.87	1.95	13.5
October	17,061	752	W	W	1.59	48.0	135	22	16.12	98.52	1.65	16.2
November	16,880	745	W	W	1.61	47.0	148	25	17.58	105.86	1.47	11.3
December	16,952	743	W	W	1.52	45.4	164	27	15.14	92.18	1.47	15.7
Year 2015												
January	17,813	775	W	W	1.59	46.0	159	26	12.53	76.07	2.04	6.3
February	13,545	597	W	W	1.65	40.0	405	67	16.55	99.49	1.65	12.3
Year to Date												
2013	43,712	2,033	W	W	1.27	60.4	544	88	18.23	112.13	1.51	17.9
2014	32,923	1,458	W	W	1.51	40.9	583	95	19.84	122.46	1.19	9.5
2015	31,358	1,373	W	W	1.61	43.2	564	94	15.42	92.94	1.78	9.7
Rolling 12 Months Ending in February												
2014	264,754	12,152	W	W	1.35	60.9	2,471	400	W	W	1.34	13.4
2015	201,474	8,891	W	W	1.55	45.6	1,917	314	W	W	1.68	11.1

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 2005 - February 2015 (continued)

	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMbtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2005	16,620	594	1.21	33.75	5.44	58.2	828,882	805,132	8.00	8.24	74.3	6.18
2006	17,875	646	1.63	45.05	5.43	42.7	869,157	844,211	7.02	7.22	75.7	5.64
2007	19,700	698	1.96	55.42	5.52	43.6	896,803	871,178	6.97	7.18	82.9	5.78
2008	39,246	1,396	3.34	93.84	4.92	117.9	1,099,613	1,068,372	8.95	9.22	111.9	7.10
2009	38,924	1,381	1.80	50.82	4.51	114.2	1,117,489	1,088,880	4.27	4.38	110.0	4.02
2010	35,866	1,269	2.46	69.38	4.90	100.5	1,166,768	1,135,917	4.64	4.77	110.4	4.24
2011	37,981	1,351	W	W	5.03	108.3	1,331,977	1,296,628	4.28	4.40	122.0	W
2012	23,861	858	2.62	72.96	5.86	42.2	834,245	813,288	2.97	3.05	70.8	W
2013	17,236	623	W	W	5.82	30.5	750,946	728,835	W	W	62.3	W
2014	7,120	255	W	W	5.89	14.5	714,558	691,601	W	W	61.8	W
Year 2013												
January	1,844	67	2.30	63.72	6.13	34.8	61,781	60,209	W	W	60.2	W
February	1,058	38	2.38	65.94	6.03	30.4	59,307	57,544	W	W	64.4	W
March	1,317	47	2.40	67.24	6.03	26.2	63,464	61,243	W	W	63.0	W
April	1,424	51	W	W	5.96	30.6	58,374	56,733	W	W	61.4	W
May	1,520	54	W	W	5.82	28.5	62,146	60,458	W	W	64.7	W
June	1,686	61	W	W	5.70	32.1	64,256	62,350	W	W	65.2	W
July	1,666	59	W	W	5.99	30.2	63,859	61,986	W	W	59.3	W
August	2,041	72	W	W	5.94	33.2	64,617	62,815	W	W	60.6	W
Sept	1,565	56	W	W	5.68	34.3	60,028	58,253	W	W	60.9	W
October	1,252	46	W	W	5.36	29.1	62,118	60,239	W	W	63.0	W
November	677	25	2.36	65.25	5.58	21.5	64,376	62,456	W	W	64.0	W
December	1,189	45	W	W	5.28	31.4	66,621	64,548	W	W	61.4	W
Year 2014												
January	219	8	W	W	6.07	5.3	63,493	61,584	W	W	59.7	W
February	161	6	W	W	6.30	4.4	56,999	55,245	W	W	62.2	W
March	577	21	W	W	5.82	14.5	62,891	60,988	W	W	62.8	W
April	503	18	W	W	6.00	14.4	56,195	54,553	W	W	61.2	W
May	361	13	W	W	5.57	13.7	57,677	55,846	W	W	64.2	W
June	766	27	W	W	5.67	23.7	58,178	56,342	W	W	63.2	W
July	571	20	W	W	5.85	10.5	62,126	60,142	W	W	63.9	W
August	666	24	W	W	5.86	12.3	62,503	60,408	W	W	63.3	W
Sept	769	27	W	W	6.00	16.1	57,174	55,248	W	W	59.9	W
October	736	26	W	W	6.00	19.8	55,885	54,016	W	W	60.2	W
November	835	31	W	W	5.89	20.1	59,425	57,413	W	W	61.2	W
December	956	35	W	W	5.94	20.9	62,014	59,817	W	W	60.2	W
Year 2015												
January	788	29	W	W	5.74	19.4	58,372	56,448	W	W	56.0	W
February	481	17	W	W	6.17	12.2	55,718	53,949	W	W	60.9	W
Year to Date												
2013	2,902	105	2.33	64.53	6.09	33.1	121,088	117,753	W	W	62.1	W
2014	380	13	W	W	6.17	4.9	120,492	116,829	W	W	60.9	W
2015	1,269	46	W	W	5.90	15.9	114,091	110,397	W	W	58.3	W
Rolling 12 Months Ending in February												
2014	14,714	531	W	W	5.77	26.5	750,351	727,910	W	W	62.1	W
2015	8,010	287	W	W	5.88	16.2	708,157	685,169	W	W	61.4	W

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.6.A. Receipts of Coal Delivered for Electricity Generation by State, February 2015 and 2014
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	315	294	7.1%	9	39	298	252	0	0	7	3
Connecticut	166	156	6.1%	0	0	166	156	0	0	0	0
Maine	20	11	79.0%	0	0	13	8	0	0	7	3
Massachusetts	120	79	52.0%	0	0	120	79	0	0	0	0
New Hampshire	9	39	-77.0%	9	39	0	0	0	0	0	0
Rhode Island	0	8	-100.0%	0	0	0	8	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	2,344	2,937	-20.0%	0	0	2,316	2,909	0	0	28	28
New Jersey	76	129	-41.0%	0	0	76	129	0	0	0	0
New York	41	357	-88.0%	0	0	25	341	0	0	16	16
Pennsylvania	2,226	2,451	-9.2%	0	0	2,215	2,438	0	0	12	12
East North Central	13,138	13,975	-6.0%	8,363	8,927	4,570	4,818	1	5	205	224
Illinois	4,499	4,682	-3.9%	373	446	3,983	4,085	0	0	143	151
Indiana	2,888	3,186	-9.4%	2,693	3,004	195	182	0	0	0	0
Michigan	1,254	1,356	-7.5%	1,247	1,338	0	0	1	5	7	12
Ohio	2,747	3,373	-19.0%	2,334	2,798	391	550	0	0	22	25
Wisconsin	1,749	1,377	27.0%	1,717	1,341	0	0	0	0	32	36
West North Central	11,166	10,867	2.8%	11,053	10,751	0	0	10	13	103	104
Iowa	1,463	1,481	-1.2%	1,373	1,378	0	0	0	0	91	104
Kansas	1,347	1,398	-3.6%	1,347	1,398	0	0	0	0	0	0
Minnesota	1,541	1,201	28.0%	1,529	1,201	0	0	0	0	12	0
Missouri	3,741	3,409	9.7%	3,731	3,397	0	0	10	13	0	0
Nebraska	994	1,251	-21.0%	994	1,251	0	0	0	0	0	0
North Dakota	1,917	1,960	-2.2%	1,917	1,960	0	0	0	0	0	0
South Dakota	162	167	-2.8%	162	167	0	0	0	0	0	0
South Atlantic	8,126	7,930	2.5%	6,681	5,898	1,337	1,856	0	0	107	177
Delaware	23	48	-51.0%	0	0	23	48	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,434	1,285	12.0%	1,408	1,272	26	13	0	0	0	0
Georgia	1,286	1,174	9.5%	1,271	1,145	0	0	0	0	15	30
Maryland	401	668	-40.0%	0	0	371	632	0	0	30	36
North Carolina	1,071	901	19.0%	1,071	901	0	0	0	0	0	0
South Carolina	845	592	43.0%	836	563	0	0	0	0	9	29
Virginia	613	902	-32.0%	537	780	45	85	0	0	31	38
West Virginia	2,452	2,360	3.9%	1,558	1,237	872	1,078	0	0	22	44
East South Central	6,078	6,381	-4.7%	5,667	5,969	301	279	0	0	110	133
Alabama	1,457	1,554	-6.2%	1,457	1,554	0	0	0	0	0	0
Kentucky	3,529	2,906	21.0%	3,514	2,906	15	0	0	0	0	0
Mississippi	438	344	27.0%	152	65	286	279	0	0	0	0
Tennessee	654	1,577	-59.0%	544	1,444	0	0	0	0	110	133
West South Central	10,850	10,602	2.3%	5,853	5,339	4,986	5,264	0	0	11	0
Arkansas	1,296	1,479	-12.0%	1,091	1,335	194	144	0	0	11	0
Louisiana	1,034	569	82.0%	564	195	470	374	0	0	0	0
Oklahoma	1,545	1,406	9.8%	1,443	1,330	102	77	0	0	0	0
Texas	6,975	7,148	-2.4%	2,755	2,479	4,220	4,670	0	0	0	0
Mountain	8,027	7,710	4.1%	7,412	6,818	611	885	0	0	5	6
Arizona	1,825	1,516	20.0%	1,825	1,516	0	0	0	0	0	0
Colorado	1,550	1,445	7.2%	1,550	1,445	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	566	794	-29.0%	0	0	566	794	0	0	0	0
Nevada	102	335	-69.0%	58	243	44	91	0	0	0	0
New Mexico	839	1,020	-18.0%	839	1,020	0	0	0	0	0	0
Utah	1,247	1,039	20.0%	1,243	1,033	0	0	0	0	5	6
Wyoming	1,897	1,561	22.0%	1,897	1,561	0	0	0	0	0	0
Pacific Contiguous	499	684	-27.0%	98	165	380	486	0	0	22	33
California	22	33	-35.0%	0	0	0	0	0	0	22	33
Oregon	98	165	-41.0%	98	165	0	0	0	0	0	0
Washington	380	486	-22.0%	0	0	380	486	0	0	0	0
Pacific Noncontiguous	63	61	2.7%	0	0	63	61	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	63	61	2.7%	0	0	63	61	0	0	0	0
U.S. Total	60,606	61,440	-1.4%	45,136	43,905	14,862	16,810	11	18	597	707

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.6.B. Receipts of Coal Delivered for Electricity Generation by State, (Year-to-Date) February 2015 and 2014
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	602	533	13.0%	108	73	481	451	0	0	13	9
Connecticut	166	156	6.1%	0	0	166	156	0	0	0	0
Maine	34	27	29.0%	0	0	21	17	0	0	13	9
Massachusetts	293	269	8.8%	0	0	293	269	0	0	0	0
New Hampshire	108	73	49.0%	108	73	0	0	0	0	0	0
Rhode Island	0	8	-100.0%	0	0	0	8	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	5,148	6,056	-15.0%	0	0	5,074	5,991	0	0	74	66
New Jersey	188	215	-13.0%	0	0	188	215	0	0	0	0
New York	130	591	-78.0%	0	0	80	551	0	0	49	40
Pennsylvania	4,831	5,250	-8.0%	0	0	4,806	5,224	0	0	25	26
East North Central	29,408	28,410	3.5%	18,495	17,541	10,461	10,397	2	9	451	463
Illinois	10,390	10,114	2.7%	892	894	9,172	8,906	0	0	325	314
Indiana	6,460	6,056	6.7%	6,027	5,667	433	389	0	0	0	0
Michigan	2,954	2,862	3.2%	2,909	2,797	29	32	2	9	14	23
Ohio	5,878	6,384	-7.9%	5,006	5,263	826	1,070	0	0	46	51
Wisconsin	3,726	2,994	24.0%	3,661	2,919	0	0	0	0	65	75
West North Central	24,101	22,743	6.0%	23,878	22,485	0	0	21	26	202	232
Iowa	3,113	3,107	0.2%	2,926	2,875	0	0	0	0	188	232
Kansas	2,908	3,178	-8.5%	2,908	3,178	0	0	0	0	0	0
Minnesota	3,392	2,280	49.0%	3,377	2,280	0	0	0	0	14	0
Missouri	8,108	7,083	14.0%	8,087	7,057	0	0	21	26	0	0
Nebraska	2,152	2,541	-15.0%	2,152	2,541	0	0	0	0	0	0
North Dakota	4,053	4,237	-4.3%	4,053	4,237	0	0	0	0	0	0
South Dakota	374	317	18.0%	374	317	0	0	0	0	0	0
South Atlantic	18,423	16,076	15.0%	15,079	12,052	3,071	3,702	0	0	273	322
Delaware	58	94	-38.0%	0	0	58	94	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2,988	2,866	4.2%	2,962	2,841	26	26	0	0	0	0
Georgia	3,062	2,241	37.0%	3,011	2,180	0	0	0	0	51	61
Maryland	1,021	1,351	-24.0%	0	0	954	1,276	0	0	67	75
North Carolina	2,678	1,773	51.0%	2,678	1,773	0	0	0	0	0	0
South Carolina	1,931	1,286	50.0%	1,906	1,245	0	0	0	0	25	41
Virginia	1,413	1,745	-19.0%	1,227	1,539	122	138	0	0	64	68
West Virginia	5,271	4,719	12.0%	3,294	2,474	1,911	2,168	0	0	66	78
East South Central	13,302	13,159	1.1%	12,442	12,334	618	553	0	0	242	272
Alabama	3,222	3,424	-5.9%	3,222	3,424	0	0	0	0	0	0
Kentucky	7,402	5,767	28.0%	7,387	5,767	15	0	0	0	0	0
Mississippi	985	765	29.0%	382	213	603	553	0	0	0	0
Tennessee	1,692	3,202	-47.0%	1,450	2,930	0	0	0	0	242	272
West South Central	24,109	23,830	1.2%	13,213	12,050	10,879	11,779	0	0	17	0
Arkansas	2,895	3,180	-9.0%	2,522	2,841	356	339	0	0	17	0
Louisiana	2,272	1,466	55.0%	1,174	557	1,098	909	0	0	0	0
Oklahoma	3,466	3,267	6.1%	3,258	3,097	208	170	0	0	0	0
Texas	15,476	15,916	-2.8%	6,259	5,555	9,217	10,361	0	0	0	0
Mountain	16,869	16,704	1.0%	15,362	15,002	1,503	1,696	0	0	5	6
Arizona	3,861	3,610	6.9%	3,861	3,610	0	0	0	0	0	0
Colorado	3,133	3,140	-0.2%	3,133	3,140	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	1,414	1,529	-7.5%	0	0	1,414	1,529	0	0	0	0
Nevada	262	604	-57.0%	173	437	88	167	0	0	0	0
New Mexico	1,815	1,858	-2.3%	1,815	1,858	0	0	0	0	0	0
Utah	2,293	1,986	15.0%	2,289	1,980	0	0	0	0	5	6
Wyoming	4,091	3,977	2.9%	4,091	3,977	0	0	0	0	0	0
Pacific Contiguous	1,245	1,585	-21.0%	258	330	891	1,167	0	0	96	88
California	96	88	9.5%	0	0	0	0	0	0	96	88
Oregon	258	330	-22.0%	258	330	0	0	0	0	0	0
Washington	891	1,167	-24.0%	0	0	891	1,167	0	0	0	0
Pacific Noncontiguous	120	123	-3.0%	0	0	120	123	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	120	123	-3.0%	0	0	120	123	0	0	0	0
U.S. Total	133,327	129,220	3.2%	98,835	91,867	33,097	35,859	23	36	1,373	1,458

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.7.A. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, February 2015 and 2014
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	613	1,037	-41.0%	7	123	575	899	0	0	31	15
Connecticut	17	188	-91.0%	0	0	17	188	0	0	0	0
Maine	414	200	107.0%	0	0	382	185	0	0	31	15
Massachusetts	170	470	-64.0%	5	0	165	470	0	0	0	0
New Hampshire	2	178	-99.0%	2	123	0	55	0	0	0	0
Rhode Island	11	0	--	0	0	11	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	1,014	1,080	-6.1%	153	288	858	790	0	0	3	1
New Jersey	36	42	-15.0%	0	0	36	42	0	0	0	0
New York	863	762	13.0%	153	288	707	473	0	0	3	1
Pennsylvania	115	275	-58.0%	0	0	115	275	0	0	0	0
East North Central	90	180	-50.0%	70	128	17	38	0	0	3	14
Illinois	8	11	-32.0%	3	3	4	9	0	0	0	0
Indiana	24	47	-49.0%	24	47	0	0	0	0	0	0
Michigan	16	29	-46.0%	15	23	0	0	0	0	1	6
Ohio	36	90	-60.0%	21	53	13	30	0	0	2	7
Wisconsin	7	3	129.0%	7	2	0	0	0	0	0	1
West North Central	30	40	-25.0%	30	40	0	0	0	0	0	0
Iowa	1	3	-73.0%	1	3	0	0	0	0	0	0
Kansas	10	2	381.0%	10	2	0	0	0	0	0	0
Minnesota	2	11	-78.0%	2	11	0	0	0	0	0	0
Missouri	14	18	-21.0%	14	18	0	0	0	0	0	0
Nebraska	0	5	-100.0%	0	5	0	0	0	0	0	0
North Dakota	2	1	91.0%	2	1	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	618	1,038	-40.0%	399	736	190	289	0	0	30	14
Delaware	2	4	-59.0%	0	0	2	4	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	25	34	-25.0%	25	32	0	2	0	0	0	0
Georgia	62	25	153.0%	17	20	37	0	0	0	9	5
Maryland	40	172	-77.0%	0	0	40	172	0	0	0	0
North Carolina	94	200	-53.0%	78	200	16	0	0	0	0	0
South Carolina	55	147	-63.0%	37	144	7	0	0	0	10	3
Virginia	325	426	-24.0%	227	319	88	101	0	0	10	6
West Virginia	15	31	-53.0%	15	21	0	10	0	0	0	0
East South Central	48	43	10.0%	28	43	19	0	0	0	1	0
Alabama	25	18	42.0%	6	18	19	0	0	0	0	0
Kentucky	9	16	-46.0%	9	16	0	0	0	0	0	0
Mississippi	2	2	-24.0%	2	2	0	0	0	0	0	0
Tennessee	12	7	66.0%	11	7	0	0	0	0	1	0
West South Central	18	36	-50.0%	8	14	10	22	0	0	0	0
Arkansas	6	3	119.0%	4	1	2	2	0	0	0	0
Louisiana	7	13	-48.0%	0	10	7	3	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	5	21	-74.0%	4	3	2	17	0	0	0	0
Mountain	39	34	16.0%	39	32	0	2	0	0	0	0
Arizona	18	16	16.0%	18	16	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	2	-88.0%	0	0	0	2	0	0	0	0
Nevada	3	1	275.0%	2	1	0	0	0	0	0	0
New Mexico	11	9	22.0%	11	9	0	0	0	0	0	0
Utah	0	2	-72.0%	0	2	0	0	0	0	0	0
Wyoming	6	4	48.0%	6	4	0	0	0	0	0	0
Pacific Contiguous	0	0	-18.0%	0	0	0	0	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	-18.0%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	847	798	6.2%	689	641	158	156	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	847	798	6.2%	689	641	158	156	0	0	0	0
U.S. Total	3,319	4,286	-23.0%	1,422	2,045	1,829	2,197	0	0	67	44

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.7.B. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, (Year-to-Date) February 2015 and 2014
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	683	1,478	-54.0%	9	125	642	1,328	0	0	31	25
Connecticut	22	242	-91.0%	0	0	22	242	0	0	0	0
Maine	418	214	96.0%	0	0	387	188	0	0	31	25
Massachusetts	227	687	-67.0%	5	0	222	687	0	0	0	0
New Hampshire	4	284	-98.0%	4	125	0	159	0	0	0	0
Rhode Island	11	52	-79.0%	0	0	11	52	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	1,692	2,380	-29.0%	533	354	1,156	2,023	0	0	3	3
New Jersey	46	189	-76.0%	0	0	46	189	0	0	0	0
New York	1,422	1,617	-12.0%	533	354	886	1,260	0	0	3	2
Pennsylvania	225	575	-61.0%	0	0	225	574	0	0	0	1
East North Central	250	490	-49.0%	181	255	60	217	0	0	9	19
Illinois	15	50	-69.0%	5	7	10	44	0	0	0	0
Indiana	65	71	-9.3%	65	71	0	0	0	0	0	0
Michigan	28	54	-49.0%	27	48	0	0	0	0	1	6
Ohio	120	278	-57.0%	63	93	50	173	0	0	7	12
Wisconsin	22	37	-39.0%	22	35	0	0	0	0	1	1
West North Central	79	113	-30.0%	79	113	0	0	0	0	0	0
Iowa	6	14	-54.0%	6	14	0	0	0	0	0	0
Kansas	20	12	74.0%	20	12	0	0	0	0	0	0
Minnesota	4	28	-87.0%	4	28	0	0	0	0	0	0
Missouri	36	38	-4.6%	36	38	0	0	0	0	0	0
Nebraska	0	11	-100.0%	0	11	0	0	0	0	0	0
North Dakota	6	9	-35.0%	6	9	0	0	0	0	0	0
South Dakota	6	1	509.0%	6	1	0	0	0	0	0	0
South Atlantic	983	2,567	-62.0%	602	1,784	331	736	0	0	50	47
Delaware	54	9	475.0%	0	0	54	9	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	33	58	-43.0%	33	55	0	3	0	0	0	0
Georgia	136	171	-20.0%	41	99	75	47	0	0	19	24
Maryland	74	487	-85.0%	0	0	74	487	0	0	0	0
North Carolina	188	455	-59.0%	160	444	28	11	0	0	0	0
South Carolina	100	341	-71.0%	76	333	7	0	0	0	17	7
Virginia	369	976	-62.0%	263	804	92	157	0	0	13	16
West Virginia	29	70	-59.0%	29	48	0	22	0	0	0	0
East South Central	155	135	15.0%	128	113	27	22	0	0	1	0
Alabama	55	66	-17.0%	28	44	27	22	0	0	0	0
Kentucky	25	32	-22.0%	25	32	0	0	0	0	0	0
Mississippi	4	2	78.0%	4	2	0	0	0	0	0	0
Tennessee	72	35	105.0%	71	35	0	0	0	0	1	0
West South Central	70	54	29.0%	45	22	25	32	0	0	0	0
Arkansas	10	4	142.0%	4	2	7	2	0	0	0	0
Louisiana	47	16	196.0%	34	10	13	6	0	0	0	0
Oklahoma	0	0	0.4%	0	0	0	0	0	0	0	0
Texas	12	34	-64.0%	7	11	5	23	0	0	0	0
Mountain	84	75	12.0%	83	73	1	3	0	0	0	0
Arizona	32	22	42.0%	32	22	0	0	0	0	0	0
Colorado	5	0	NM	5	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	3	-90.0%	0	0	0	3	0	0	0	0
Nevada	6	2	225.0%	5	2	1	0	0	0	0	0
New Mexico	24	20	16.0%	24	20	0	0	0	0	0	0
Utah	3	10	-71.0%	3	10	0	0	0	0	0	0
Wyoming	15	19	-18.0%	15	19	0	0	0	0	0	0
Pacific Contiguous	0	1	-73.0%	0	0	0	1	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	1	-73.0%	0	0	0	1	0	0	0	0
Pacific Noncontiguous	1,513	1,491	1.4%	1,223	1,224	290	267	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	1,513	1,491	1.4%	1,223	1,224	290	267	0	0	0	0
U.S. Total	5,509	8,785	-37.0%	2,883	4,062	2,532	4,629	0	0	94	95

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.8.A. Receipts of Petroleum Coke Delivered for Electricity Generation by State, February 2015 and 2014
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	--	0	0	0	0	0	0	0	0
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	0	0	--	0	0	0	0	0	0	0	0
East North Central	97	80	22.0%	68	36	20	38	0	0	9	6
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	48	11	343.0%	48	11	0	0	0	0	0	0
Michigan	18	21	-12.0%	18	21	0	0	0	0	0	0
Ohio	20	38	-49.0%	0	0	20	38	0	0	0	0
Wisconsin	11	10	9.2%	1	4	0	0	0	0	9	6
West North Central	0	0	--	0	0	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	38	130	-71.0%	29	130	0	0	0	0	8	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	29	130	-77.0%	29	130	0	0	0	0	0	0
Georgia	8	0	--	0	0	0	0	0	0	8	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	32	21	52.0%	32	21	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	32	21	52.0%	32	21	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	171	125	37.0%	171	125	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	171	125	37.0%	171	125	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	0	0	--	0	0	0	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	0	0	--	0	0	0	0	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	338	356	-5.1%	301	312	20	38	0	0	17	6

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.8.B. Receipts of Petroleum Coke Delivered for Electricity Generation by State, (Year-to-Date) February 2015 and 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	--	0	0	0	0	0	0	0	0
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	0	0	--	0	0	0	0	0	0	0	0
East North Central	221	206	7.4%	134	121	71	72	0	0	15	13
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	89	60	49.0%	89	60	0	0	0	0	0	0
Michigan	46	56	-19.0%	43	54	2	2	0	0	0	0
Ohio	69	70	-1.1%	0	0	69	70	0	0	0	0
Wisconsin	17	20	-15.0%	1	7	0	0	0	0	15	13
West North Central	0	0	--	0	0	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	199	195	1.9%	169	195	0	0	0	0	31	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	169	195	-14.0%	169	195	0	0	0	0	0	0
Georgia	31	0	NM	0	0	0	0	0	0	31	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	54	42	29.0%	54	42	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	54	42	29.0%	54	42	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	348	263	32.0%	348	263	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	348	263	32.0%	348	263	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	0	0	--	0	0	0	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	0	0	--	0	0	0	0	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	822	706	16.0%	704	621	71	72	0	0	46	13

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.9.A. Receipts of Natural Gas Delivered for Electricity Generation by State, February 2015 and 2014
(Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	18,791	17,830	5.4%	91	27	18,687	17,775	0	0	13	27
Connecticut	7,344	6,351	16.0%	0	0	7,344	6,351	0	0	0	0
Maine	1,325	1,916	-31.0%	0	0	1,312	1,890	0	0	13	27
Massachusetts	6,132	7,313	-16.0%	89	27	6,043	7,286	0	0	0	0
New Hampshire	2,241	406	452.0%	2	0	2,239	406	0	0	0	0
Rhode Island	1,748	1,842	-5.1%	0	0	1,748	1,842	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	67,969	68,378	-0.6%	6,135	7,020	61,642	61,137	0	0	191	221
New Jersey	16,762	15,811	6.0%	0	0	16,762	15,811	0	0	0	0
New York	26,443	29,619	-11.0%	6,135	7,020	20,239	22,526	0	0	68	72
Pennsylvania	24,763	22,948	7.9%	0	0	24,640	22,799	0	0	123	149
East North Central	54,377	37,187	46.0%	19,234	15,630	34,211	20,964	367	292	565	301
Illinois	4,701	533	781.0%	198	52	4,500	480	0	0	3	2
Indiana	10,672	8,994	19.0%	8,069	6,553	2,603	2,441	0	0	0	0
Michigan	12,021	10,714	12.0%	680	3,135	10,680	7,152	367	292	294	135
Ohio	18,639	13,221	41.0%	6,225	4,253	12,348	8,928	0	0	66	41
Wisconsin	8,345	3,724	124.0%	4,062	1,637	4,080	1,964	0	0	203	123
West North Central	8,431	5,384	57.0%	7,940	4,707	483	656	1	0	7	20
Iowa	1,448	761	90.0%	1,446	759	0	0	0	0	2	2
Kansas	765	703	8.7%	765	703	0	0	0	0	0	0
Minnesota	3,271	1,629	101.0%	2,971	956	295	655	0	0	5	18
Missouri	2,440	2,093	17.0%	2,252	2,091	188	1	1	0	0	0
Nebraska	39	85	-54.0%	39	85	0	0	0	0	0	0
North Dakota	40	0	--	40	0	0	0	0	0	0	0
South Dakota	427	113	279.0%	427	113	0	0	0	0	0	0
South Atlantic	146,501	105,487	39.0%	117,602	86,223	26,539	17,498	0	0	2,361	1,766
Delaware	2,281	2,728	-16.0%	0	0	1,347	1,824	0	0	934	904
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	70,245	59,681	18.0%	68,304	58,728	1,941	953	0	0	0	0
Georgia	26,660	14,756	81.0%	17,610	11,745	8,325	2,407	0	0	725	605
Maryland	1,272	636	100.0%	0	0	1,246	602	0	0	26	34
North Carolina	20,047	8,644	132.0%	14,154	4,338	5,893	4,306	0	0	0	0
South Carolina	6,999	4,262	64.0%	5,906	4,186	1,044	37	0	0	49	39
Virginia	18,626	14,053	33.0%	11,517	6,664	6,482	7,205	0	0	627	185
West Virginia	372	725	-49.0%	111	562	262	163	0	0	0	0
East South Central	73,635	39,918	84.0%	43,964	25,438	29,078	14,444	0	0	593	36
Alabama	29,889	17,121	75.0%	8,484	5,397	21,405	11,724	0	0	0	0
Kentucky	5,886	3,263	80.0%	5,681	3,080	205	183	0	0	0	0
Mississippi	30,359	17,715	71.0%	22,890	15,178	7,469	2,537	0	0	0	0
Tennessee	7,501	1,819	312.0%	6,909	1,783	0	0	0	0	593	36
West South Central	216,974	184,482	18.0%	53,816	50,289	115,916	85,075	0	0	47,242	49,118
Arkansas	12,523	4,359	187.0%	3,136	431	8,994	3,927	0	0	393	0
Louisiana	36,893	36,958	-0.2%	16,018	11,824	7,596	8,040	0	0	13,280	17,094
Oklahoma	20,372	20,462	-0.4%	14,447	17,280	5,925	3,182	0	0	0	0
Texas	147,185	122,703	20.0%	20,215	20,753	93,401	69,926	0	0	33,569	32,024
Mountain	33,338	34,959	-4.6%	22,648	21,847	10,654	13,063	0	0	37	49
Arizona	7,591	10,015	-24.0%	3,985	3,709	3,606	6,306	0	0	0	0
Colorado	5,279	6,099	-13.0%	2,325	3,472	2,954	2,628	0	0	0	0
Idaho	333	2,085	-84.0%	0	1,102	333	983	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	11,816	8,667	36.0%	10,158	6,771	1,658	1,896	0	0	0	0
New Mexico	5,050	4,303	17.0%	2,947	3,075	2,103	1,228	0	0	0	0
Utah	3,267	3,776	-13.0%	3,230	3,704	0	22	0	0	37	49
Wyoming	3	15	-79.0%	3	15	0	0	0	0	0	0
Pacific Contiguous	45,881	76,847	-40.0%	19,287	28,888	23,653	44,252	0	0	2,941	3,707
California	40,999	59,934	-32.0%	16,885	18,505	21,173	37,722	0	0	2,941	3,707
Oregon	3,621	10,240	-65.0%	1,141	4,206	2,480	6,034	0	0	0	0
Washington	1,261	6,672	-81.0%	1,261	6,177	0	496	0	0	0	0
Pacific Noncontiguous	1,079	1,707	-37.0%	1,079	1,707	0	0	0	0	0	0
Alaska	1,079	1,707	-37.0%	1,079	1,707	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	666,976	572,177	17.0%	291,795	241,777	320,864	274,863	368	292	53,949	55,245

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.9.B. Receipts of Natural Gas Delivered for Electricity Generation by State, (Year-to-Date) February 2015 and 2014
(Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	43,563	36,995	18.0%	110	124	43,423	36,469	0	0	30	402
Connecticut	17,777	12,175	46.0%	0	0	17,777	12,175	0	0	0	0
Maine	3,238	4,903	-34.0%	0	0	3,208	4,501	0	0	30	402
Massachusetts	12,735	14,544	-12.0%	108	124	12,627	14,420	0	0	0	0
New Hampshire	5,877	988	495.0%	2	1	5,875	988	0	0	0	0
Rhode Island	3,935	4,385	-10.0%	0	0	3,935	4,385	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	147,809	137,731	7.3%	14,824	14,070	132,588	123,264	0	0	397	397
New Jersey	34,659	30,119	15.0%	0	0	34,659	30,119	0	0	0	0
New York	57,536	58,563	-1.8%	14,824	14,070	42,569	44,341	0	0	144	152
Pennsylvania	55,614	49,049	13.0%	0	0	55,361	48,804	0	0	253	245
East North Central	107,922	83,552	29.0%	40,754	34,104	65,289	48,216	854	688	1,025	544
Illinois	9,893	4,860	104.0%	320	227	9,566	4,625	0	0	8	8
Indiana	21,302	18,896	13.0%	16,217	13,782	5,086	5,114	0	0	0	0
Michigan	22,636	22,454	0.8%	3,599	5,993	17,684	15,614	854	688	499	158
Ohio	37,759	29,129	30.0%	12,874	10,536	24,757	18,513	0	0	128	80
Wisconsin	16,332	8,213	99.0%	7,745	3,566	8,197	4,350	0	0	390	298
West North Central	14,950	13,895	7.6%	13,940	12,281	942	1,572	5	4	62	38
Iowa	2,086	2,061	1.2%	2,082	2,059	0	0	0	0	4	2
Kansas	1,237	1,812	-32.0%	1,237	1,812	0	0	0	0	0	0
Minnesota	5,695	4,523	26.0%	5,052	2,983	585	1,504	0	0	58	36
Missouri	4,801	4,969	-3.4%	4,439	4,897	357	68	5	4	0	0
Nebraska	205	166	24.0%	205	166	0	0	0	0	0	0
North Dakota	42	0	--	42	0	0	0	0	0	0	0
South Dakota	884	364	143.0%	884	364	0	0	0	0	0	0
South Atlantic	307,360	247,692	24.0%	248,540	201,283	53,705	42,780	0	0	5,115	3,630
Delaware	6,330	5,479	16.0%	0	0	4,164	3,704	0	0	2,166	1,775
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	148,339	135,781	9.2%	144,427	131,061	3,912	4,720	0	0	0	0
Georgia	56,700	37,330	52.0%	37,990	28,326	17,292	7,793	0	0	1,418	1,212
Maryland	2,211	1,491	48.0%	0	0	2,173	1,421	0	0	38	70
North Carolina	41,685	26,450	58.0%	28,964	16,583	12,721	9,867	0	0	0	0
South Carolina	14,130	11,222	26.0%	12,467	10,559	1,535	577	0	0	128	86
Virginia	37,356	28,136	33.0%	24,535	13,424	11,457	14,225	0	0	1,364	488
West Virginia	607	1,803	-66.0%	156	1,331	451	472	0	0	0	0
East South Central	141,802	108,342	31.0%	81,574	67,919	59,058	40,325	0	0	1,171	98
Alabama	63,675	46,671	36.0%	17,752	14,362	45,923	32,309	0	0	0	0
Kentucky	8,313	9,660	-14.0%	7,933	9,105	381	556	0	0	0	0
Mississippi	56,980	43,908	30.0%	44,225	36,448	12,755	7,460	0	0	0	0
Tennessee	12,834	8,102	58.0%	11,664	8,004	0	0	0	0	1,171	98
West South Central	446,892	399,452	12.0%	107,043	104,164	242,870	191,321	0	0	96,979	103,967
Arkansas	22,554	11,805	91.0%	4,797	1,066	16,970	10,739	0	0	787	0
Louisiana	76,799	80,999	-5.2%	33,491	27,936	14,098	17,519	0	0	29,210	35,544
Oklahoma	41,074	40,926	0.4%	28,866	33,534	12,209	7,392	0	0	0	0
Texas	306,464	265,723	15.0%	39,890	41,629	199,593	155,671	0	0	66,981	68,423
Mountain	72,622	73,046	-0.6%	50,222	47,706	22,348	25,242	0	0	52	99
Arizona	17,347	20,582	-16.0%	8,004	8,121	9,342	12,461	0	0	0	0
Colorado	11,428	12,150	-5.9%	5,785	7,263	5,643	4,887	0	0	0	0
Idaho	2,490	4,659	-47.0%	1,412	2,520	1,078	2,139	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	23,408	18,319	28.0%	21,349	15,740	2,058	2,579	0	0	0	0
New Mexico	10,990	9,376	17.0%	6,789	6,231	4,201	3,146	0	0	0	0
Utah	6,945	7,935	-12.0%	6,868	7,806	25	30	0	0	52	99
Wyoming	14	25	-43.0%	14	25	0	0	0	0	0	0
Pacific Contiguous	111,763	159,374	-30.0%	46,376	58,455	59,821	93,263	0	0	5,566	7,655
California	94,996	123,184	-23.0%	36,671	36,368	52,759	79,161	0	0	5,566	7,655
Oregon	11,851	21,623	-45.0%	4,789	8,880	7,062	12,743	0	0	0	0
Washington	4,915	14,567	-66.0%	4,915	13,207	0	1,360	0	0	0	0
Pacific Noncontiguous	2,987	3,573	-16.0%	2,987	3,573	0	0	0	0	0	0
Alaska	2,987	3,573	-16.0%	2,987	3,573	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	1,397,670	1,263,652	11.0%	606,370	543,679	680,044	602,452	859	692	110,397	116,829

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.10.A. Average Cost of Coal Delivered for Electricity Generation by State, February 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014
New England	W	3.73	W	4.09	4.69	W	3.53
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	4.09	4.69	-13.0%	4.09	4.69	--	--
Rhode Island	--	W	W	--	--	--	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.73	2.81	-2.8%	--	--	2.73	2.81
New Jersey	4.01	3.78	6.1%	--	--	4.01	3.78
New York	3.15	3.06	2.9%	--	--	3.15	3.06
Pennsylvania	2.68	2.72	-1.5%	--	--	2.68	2.72
East North Central	2.23	2.33	-4.3%	2.33	2.47	2.01	2.04
Illinois	1.97	1.98	-0.5%	2.04	2.09	1.96	1.96
Indiana	W	W	W	2.34	2.58	W	W
Michigan	2.62	2.77	-5.4%	2.62	2.77	--	--
Ohio	W	W	W	2.23	2.36	W	W
Wisconsin	2.36	2.30	2.6%	2.36	2.30	--	--
West North Central	1.79	1.75	2.3%	1.79	1.75	--	--
Iowa	1.66	1.65	0.6%	1.66	1.65	--	--
Kansas	1.76	1.76	0.0%	1.76	1.76	--	--
Minnesota	1.96	1.92	2.1%	1.96	1.92	--	--
Missouri	1.97	1.99	-1.0%	1.97	1.99	--	--
Nebraska	1.37	1.38	-0.7%	1.37	1.38	--	--
North Dakota	1.56	1.42	9.9%	1.56	1.42	--	--
South Dakota	2.21	2.17	1.8%	2.21	2.17	--	--
South Atlantic	2.98	3.07	-2.9%	3.07	3.24	2.56	2.57
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.12	3.38	W	W
Georgia	3.00	3.13	-4.2%	3.00	3.13	--	--
Maryland	2.89	3.17	-8.8%	--	--	2.89	3.17
North Carolina	3.58	3.62	-1.1%	3.58	3.62	--	--
South Carolina	3.65	3.68	-0.8%	3.65	3.68	--	--
Virginia	W	W	W	2.99	3.39	W	W
West Virginia	2.39	2.36	1.3%	2.44	2.62	2.30	2.07
East South Central	W	W	W	2.34	2.47	W	W
Alabama	2.38	2.64	-9.8%	2.38	2.64	--	--
Kentucky	W	2.36	W	2.27	2.36	W	--
Mississippi	W	W	W	3.36	3.83	W	W
Tennessee	2.44	2.47	-1.2%	2.44	2.47	--	--
West South Central	2.04	2.06	-1.0%	2.12	2.16	1.94	1.94
Arkansas	W	W	W	2.08	2.31	W	W
Louisiana	W	W	W	2.24	2.87	W	W
Oklahoma	W	W	W	2.03	1.96	W	W
Texas	2.01	2.00	0.5%	2.17	2.13	1.90	1.92
Mountain	W	W	W	1.89	1.93	W	W
Arizona	2.01	2.14	-6.1%	2.01	2.14	--	--
Colorado	1.80	1.88	-4.3%	1.80	1.88	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.72	2.51	W	W
New Mexico	2.41	2.23	8.1%	2.41	2.23	--	--
Utah	1.95	1.91	2.1%	1.95	1.91	--	--
Wyoming	1.53	1.48	3.4%	1.53	1.48	--	--
Pacific Contiguous	W	W	W	2.46	2.49	W	W
California	--	--	--	--	--	--	--
Oregon	2.46	2.49	-1.2%	2.46	2.49	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.25	2.32	-3.0%	2.26	2.33	2.23	2.27

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.10.B. Average Cost of Coal Delivered for Electricity Generation by State, (Year-to-Date) February 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	3.69	W	W	3.71	4.64	3.69	W
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	3.71	4.64	-20.0%	3.71	4.64	--	--
Rhode Island	--	W	W	--	--	--	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.64	2.87	-8.0%	--	--	2.64	2.87
New Jersey	4.06	3.80	6.8%	--	--	4.06	3.80
New York	3.13	3.08	1.6%	--	--	3.13	3.08
Pennsylvania	2.57	2.81	-8.5%	--	--	2.57	2.81
East North Central	2.23	2.29	-2.6%	2.34	2.43	2.02	2.01
Illinois	1.98	1.94	2.1%	2.06	2.08	1.97	1.93
Indiana	W	W	W	2.38	2.56	W	W
Michigan	W	W	W	2.57	2.71	W	W
Ohio	W	W	W	2.22	2.32	W	W
Wisconsin	2.35	2.24	4.9%	2.35	2.24	--	--
West North Central	1.79	1.75	2.3%	1.79	1.75	--	--
Iowa	1.69	1.64	3.0%	1.69	1.64	--	--
Kansas	1.77	1.75	1.1%	1.77	1.75	--	--
Minnesota	1.99	1.93	3.1%	1.99	1.93	--	--
Missouri	1.97	1.98	-0.5%	1.97	1.98	--	--
Nebraska	1.38	1.38	0.0%	1.38	1.38	--	--
North Dakota	1.50	1.45	3.4%	1.50	1.45	--	--
South Dakota	2.17	2.18	-0.5%	2.17	2.18	--	--
South Atlantic	3.00	3.06	-2.0%	3.09	3.22	2.56	2.55
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.15	3.33	W	W
Georgia	3.00	3.07	-2.3%	3.00	3.07	--	--
Maryland	2.96	3.03	-2.3%	--	--	2.96	3.03
North Carolina	3.56	3.69	-3.5%	3.56	3.69	--	--
South Carolina	3.63	3.65	-0.5%	3.63	3.65	--	--
Virginia	W	W	W	3.05	3.25	W	W
West Virginia	2.36	2.40	-1.7%	2.43	2.63	2.24	2.14
East South Central	W	W	W	2.36	2.48	W	W
Alabama	2.41	2.64	-8.7%	2.41	2.64	--	--
Kentucky	W	2.37	W	2.28	2.37	W	--
Mississippi	W	W	W	3.32	3.75	W	W
Tennessee	2.42	2.42	0.0%	2.42	2.42	--	--
West South Central	2.06	2.06	0.0%	2.16	2.19	1.94	1.92
Arkansas	W	W	W	2.22	2.33	W	W
Louisiana	W	W	W	2.20	2.66	W	W
Oklahoma	W	W	W	2.02	1.94	W	W
Texas	2.03	2.01	1.0%	2.20	2.21	1.91	1.89
Mountain	W	W	W	1.90	1.97	W	W
Arizona	2.03	2.12	-4.2%	2.03	2.12	--	--
Colorado	1.82	1.89	-3.7%	1.82	1.89	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.67	2.54	W	W
New Mexico	2.45	2.38	2.9%	2.45	2.38	--	--
Utah	1.95	2.04	-4.4%	1.95	2.04	--	--
Wyoming	1.53	1.56	-1.9%	1.53	1.56	--	--
Pacific Contiguous	W	W	W	2.45	2.46	W	W
California	--	--	--	--	--	--	--
Oregon	2.45	2.46	-0.4%	2.45	2.46	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.27	2.30	-1.3%	2.28	2.32	2.21	2.26

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.11.A. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, February 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014
New England	W	W	W	20.05	19.13	W	W
Connecticut	16.40	W	W	--	--	16.40	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	22.06	--	W	W
New Hampshire	14.70	W	W	14.70	19.13	--	W
Rhode Island	W	--	W	--	--	W	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	13.49	21.60	-38.0%	10.90	19.91	14.00	22.36
New Jersey	W	23.87	W	--	--	W	23.87
New York	13.20	20.81	-37.0%	10.90	19.91	13.70	21.46
Pennsylvania	W	23.86	W	--	--	W	23.86
East North Central	14.87	25.08	-41.0%	14.70	24.28	15.58	27.85
Illinois	14.90	24.58	-39.0%	14.40	24.87	15.27	24.47
Indiana	15.44	24.74	-38.0%	15.44	24.74	--	--
Michigan	13.79	23.81	-42.0%	13.79	23.81	--	--
Ohio	14.77	25.74	-43.0%	14.22	24.08	15.69	28.65
Wisconsin	15.79	23.61	-33.0%	15.79	23.61	--	--
West North Central	14.57	22.77	-36.0%	14.57	22.77	--	--
Iowa	13.69	23.24	-41.0%	13.69	23.24	--	--
Kansas	14.33	22.48	-36.0%	14.33	22.48	--	--
Minnesota	14.45	22.91	-37.0%	14.45	22.91	--	--
Missouri	14.49	22.86	-37.0%	14.49	22.86	--	--
Nebraska	--	22.03	--	--	22.03	--	--
North Dakota	16.63	22.22	-25.0%	16.63	22.22	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	14.32	W	W	14.56	23.10	13.79	W
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	15.27	W	W	15.27	22.95	--	W
Georgia	24.73	23.86	3.6%	46.30	23.86	14.85	--
Maryland	W	22.01	W	--	--	W	22.01
North Carolina	W	23.69	W	15.21	23.69	W	--
South Carolina	16.10	23.90	-33.0%	16.10	23.90	--	--
Virginia	12.59	22.44	-44.0%	11.80	22.22	14.82	23.19
West Virginia	15.35	W	W	15.35	25.87	--	W
East South Central	W	23.42	W	14.85	23.42	W	--
Alabama	W	22.35	W	14.38	22.35	W	--
Kentucky	15.88	24.56	-35.0%	15.88	24.56	--	--
Mississippi	13.67	22.16	-38.0%	13.67	22.16	--	--
Tennessee	14.51	23.97	-39.0%	14.51	23.97	--	--
West South Central	14.66	W	W	15.08	21.59	14.36	W
Arkansas	W	W	W	15.13	22.12	W	W
Louisiana	W	W	W	--	21.36	W	W
Oklahoma	22.28	--	--	22.28	--	--	--
Texas	W	22.70	W	14.55	22.10	W	22.81
Mountain	W	W	W	15.66	23.40	W	W
Arizona	14.40	23.15	-38.0%	14.40	23.15	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	23.69	W	16.27	23.69	W	--
New Mexico	18.44	24.15	-24.0%	18.44	24.15	--	--
Utah	14.70	21.14	-30.0%	14.70	21.14	--	--
Wyoming	14.13	23.52	-40.0%	14.13	23.52	--	--
Pacific Contiguous	W	W	W	--	--	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	9.58	20.99	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	9.58	20.99	W	W
U.S. Total	12.38	21.62	-43.0%	11.74	21.75	12.91	21.48

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.11.B. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, (Year-to-Date) February 2015 and 2014 (Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	W	W	W	18.20	19.18	W	W
Connecticut	15.89	W	W	--	--	15.89	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	19.81	W	22.06	--	W	19.81
New Hampshire	13.60	W	W	13.60	19.18	--	W
Rhode Island	W	W	W	--	--	W	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	13.24	21.54	-39.0%	9.99	20.79	14.93	21.70
New Jersey	18.36	23.87	-23.0%	--	--	18.36	23.87
New York	13.07	20.75	-37.0%	9.99	20.79	14.93	20.74
Pennsylvania	13.86	23.13	-40.0%	--	--	13.86	23.13
East North Central	13.69	24.43	-44.0%	13.68	23.39	13.71	25.82
Illinois	14.01	23.79	-41.0%	13.69	23.49	14.16	23.92
Indiana	13.97	24.05	-42.0%	13.97	24.05	--	--
Michigan	12.97	22.91	-43.0%	12.97	22.91	--	--
Ohio	13.27	25.22	-47.0%	12.98	23.75	13.62	26.00
Wisconsin	15.67	21.80	-28.0%	15.67	21.80	--	--
West North Central	12.69	22.14	-43.0%	12.69	22.14	--	--
Iowa	11.77	22.24	-47.0%	11.77	22.24	--	--
Kansas	13.04	21.91	-40.0%	13.04	21.91	--	--
Minnesota	13.66	21.65	-37.0%	13.66	21.65	--	--
Missouri	12.47	22.47	-45.0%	12.47	22.47	--	--
Nebraska	--	21.99	--	--	21.99	--	--
North Dakota	13.49	22.46	-40.0%	13.49	22.46	--	--
South Dakota	12.44	23.34	-47.0%	12.44	23.34	--	--
South Atlantic	13.97	22.46	-38.0%	14.28	22.37	13.25	22.68
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	14.96	W	W	14.96	21.45	--	W
Georgia	19.25	W	W	26.92	23.45	14.11	W
Maryland	W	22.24	W	--	--	W	22.24
North Carolina	W	W	W	14.25	22.85	W	W
South Carolina	14.83	23.10	-36.0%	14.83	23.10	--	--
Virginia	12.78	21.93	-42.0%	12.13	21.62	14.77	23.60
West Virginia	14.67	W	W	14.67	24.92	--	W
East South Central	W	W	W	12.68	22.36	W	W
Alabama	W	W	W	12.78	21.85	W	W
Kentucky	13.99	23.30	-40.0%	13.99	23.30	--	--
Mississippi	12.31	22.16	-44.0%	12.31	22.16	--	--
Tennessee	12.20	22.15	-45.0%	12.20	22.15	--	--
West South Central	12.30	21.90	-44.0%	12.17	21.69	12.53	22.05
Arkansas	W	W	W	15.13	22.20	W	W
Louisiana	W	W	W	11.39	21.36	W	W
Oklahoma	22.28	24.05	-7.4%	22.28	24.05	--	--
Texas	W	W	W	14.09	21.85	W	W
Mountain	W	W	W	14.63	23.29	W	W
Arizona	14.08	22.85	-38.0%	14.08	22.85	--	--
Colorado	15.38	24.15	-36.0%	15.38	24.15	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	24.17	W	17.43	24.17	W	--
New Mexico	15.47	23.84	-35.0%	15.47	23.84	--	--
Utah	10.99	21.89	-50.0%	10.99	21.89	--	--
Wyoming	13.91	23.87	-42.0%	13.91	23.87	--	--
Pacific Contiguous	W	W	W	--	--	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	10.78	20.95	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	10.78	20.95	W	W
U.S. Total	12.53	21.76	-42.0%	11.79	21.74	13.46	21.77

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.12.A. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, February 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	W	1.37	W	1.07	1.37	W	--
Illinois	--	--	--	--	--	--	--
Indiana	0.93	1.07	-13.0%	0.93	1.07	--	--
Michigan	1.44	1.43	0.7%	1.44	1.43	--	--
Ohio	W	--	W	--	--	W	--
Wisconsin	1.61	1.88	-14.0%	1.61	1.88	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	1.97	2.32	-15.0%	1.97	2.32	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	1.97	2.32	-15.0%	1.97	2.32	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.75	1.68	4.2%	1.75	1.68	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.75	1.68	4.2%	1.75	1.68	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.92	1.91	0.5%	1.92	1.91	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.92	1.91	0.5%	1.92	1.91	--	--
Oklahoma	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	W	2.01	W	1.72	2.01	W	--

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.12.B. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, (Year-to-Date) February 2015 and 2014 (Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	W	W	W	1.09	1.28	W	W
Illinois	--	--	--	--	--	--	--
Indiana	0.92	1.07	-14.0%	0.92	1.07	--	--
Michigan	W	W	W	1.45	1.44	W	W
Ohio	W	--	W	--	--	W	--
Wisconsin	1.61	1.88	-14.0%	1.61	1.88	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.32	2.35	-1.3%	2.32	2.35	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.32	2.35	-1.3%	2.32	2.35	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.79	1.76	1.7%	1.79	1.76	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.79	1.76	1.7%	1.79	1.76	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.92	1.87	2.7%	1.92	1.87	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.92	1.87	2.7%	1.92	1.87	--	--
Oklahoma	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	1.90	W	W	1.84	1.90	2.45	W

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.13.A. Average Cost of Natural Gas Delivered for Electricity Generation by State, February 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	February 2015	February 2014	Percentage Change	February 2015	February 2014	February 2015	February 2014
New England	13.14	19.64	-33.0%	14.80	17.19	13.13	19.64
Connecticut	12.43	17.10	-27.0%	--	--	12.43	17.10
Maine	W	W	W	--	--	W	W
Massachusetts	13.15	21.06	-38.0%	14.96	17.30	13.12	21.07
New Hampshire	W	W	W	6.52	1.44	W	W
Rhode Island	W	20.83	W	--	--	W	20.83
Vermont	--	--	--	--	--	--	--
Middle Atlantic	8.98	9.36	-4.1%	10.67	12.40	8.79	8.94
New Jersey	9.49	8.04	18.0%	--	--	9.49	8.04
New York	9.64	10.72	-10.0%	10.67	12.40	9.28	10.08
Pennsylvania	7.99	8.45	-5.4%	--	--	7.99	8.45
East North Central	3.72	8.84	-58.0%	3.70	8.48	3.73	9.12
Illinois	W	W	W	4.46	12.30	W	W
Indiana	W	W	W	3.68	7.36	W	W
Michigan	4.09	12.10	-66.0%	5.07	12.76	4.03	11.80
Ohio	3.16	6.36	-50.0%	3.25	6.60	3.12	6.25
Wisconsin	3.92	9.03	-57.0%	4.17	9.61	3.67	8.54
West North Central	W	W	W	4.32	10.15	W	W
Iowa	4.46	16.62	-73.0%	4.46	16.62	--	--
Kansas	4.34	10.52	-59.0%	4.34	10.52	--	--
Minnesota	W	W	W	5.12	7.49	W	W
Missouri	W	W	W	3.44	8.25	W	W
Nebraska	4.65	15.00	-69.0%	4.65	15.00	--	--
North Dakota	2.93	--	--	2.93	--	--	--
South Dakota	2.89	17.77	-84.0%	2.89	17.77	--	--
South Atlantic	5.76	6.89	-16.0%	5.77	6.89	5.75	6.93
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	4.67	6.63	-30.0%	4.68	6.63	3.28	5.75
Georgia	W	W	W	3.48	6.78	W	W
Maryland	W	9.95	W	--	--	W	9.95
North Carolina	W	W	W	9.50	7.88	W	W
South Carolina	W	W	W	4.25	6.65	W	W
Virginia	W	7.75	W	11.83	8.76	W	6.82
West Virginia	3.62	W	W	3.54	7.75	3.66	W
East South Central	3.28	6.28	-48.0%	3.29	6.10	3.24	6.66
Alabama	W	6.45	W	3.17	5.96	W	6.74
Kentucky	W	W	W	3.99	7.34	W	W
Mississippi	W	W	W	3.19	5.92	W	W
Tennessee	3.23	5.89	-45.0%	3.23	5.89	--	--
West South Central	3.04	6.45	-53.0%	3.20	6.60	2.96	6.34
Arkansas	W	W	W	3.54	11.61	W	W
Louisiana	3.14	W	W	3.14	6.45	3.16	W
Oklahoma	W	6.82	W	3.15	6.67	W	7.64
Texas	3.00	6.38	-53.0%	3.22	6.53	2.94	6.33
Mountain	W	W	W	3.63	6.70	W	W
Arizona	W	7.30	W	4.08	8.33	W	6.23
Colorado	W	W	W	4.91	7.38	W	W
Idaho	--	W	W	--	7.67	--	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	3.46	5.69	W	W
New Mexico	3.00	6.61	-55.0%	3.00	6.61	--	--
Utah	3.23	W	W	3.23	6.04	--	W
Wyoming	8.73	7.10	23.0%	8.73	7.10	--	--
Pacific Contiguous	3.52	6.64	-47.0%	3.86	6.55	3.12	6.73
California	3.61	6.71	-46.0%	3.95	6.81	3.19	6.63
Oregon	3.03	W	W	3.49	5.46	2.81	W
Washington	3.26	W	W	3.26	6.65	--	W
Pacific Noncontiguous	5.46	4.53	21.0%	5.46	4.53	--	--
Alaska	5.46	4.53	21.0%	5.46	4.53	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	4.84	7.59	-36.0%	4.56	7.01	5.15	8.22

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.13.B. Average Cost of Natural Gas Delivered for Electricity Generation by State, (Year-to-Date) February 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	February 2015 YTD	February 2014 YTD	Percentage Change	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	11.47	18.65	-38.0%	14.43	17.70	11.46	18.66
Connecticut	10.31	15.85	-35.0%	--	--	10.31	15.85
Maine	W	W	W	--	--	W	W
Massachusetts	12.42	19.54	-36.0%	14.63	17.75	12.40	19.56
New Hampshire	W	W	W	5.63	7.96	W	W
Rhode Island	11.88	W	W	--	--	11.88	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	6.98	12.59	-45.0%	8.89	11.41	6.73	12.74
New Jersey	7.53	11.29	-33.0%	--	--	7.53	11.29
New York	7.72	11.16	-31.0%	8.89	11.41	7.24	11.07
Pennsylvania	5.92	14.94	-60.0%	--	--	5.92	14.94
East North Central	3.49	7.69	-55.0%	3.43	7.21	3.53	8.07
Illinois	W	W	W	4.37	12.36	W	W
Indiana	W	W	W	3.56	6.61	W	W
Michigan	3.82	9.89	-61.0%	3.68	10.15	3.85	9.79
Ohio	2.97	5.79	-49.0%	2.85	6.18	3.04	5.57
Wisconsin	3.82	7.52	-49.0%	4.01	7.33	3.64	7.68
West North Central	W	8.28	W	4.32	8.43	W	7.17
Iowa	4.55	13.93	-67.0%	4.55	13.93	--	--
Kansas	4.61	7.75	-41.0%	4.61	7.75	--	--
Minnesota	W	W	W	5.15	7.40	W	W
Missouri	W	W	W	3.50	6.65	W	W
Nebraska	4.33	11.34	-62.0%	4.33	11.34	--	--
North Dakota	2.93	--	--	2.93	--	--	--
South Dakota	2.83	11.18	-75.0%	2.83	11.18	--	--
South Atlantic	5.21	7.25	-28.0%	5.27	7.10	4.86	8.09
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	4.74	6.09	-22.0%	4.75	6.11	3.33	4.91
Georgia	W	5.98	W	3.59	6.00	W	5.94
Maryland	W	W	W	--	--	W	W
North Carolina	W	W	W	7.48	10.15	W	W
South Carolina	W	W	W	4.34	6.09	W	W
Virginia	W	12.45	W	8.75	16.07	W	9.01
West Virginia	3.30	W	W	3.36	6.35	3.28	W
East South Central	3.35	5.55	-40.0%	3.38	5.55	3.29	5.55
Alabama	W	5.42	W	3.25	5.22	W	5.53
Kentucky	W	W	W	4.41	6.35	W	W
Mississippi	W	W	W	3.25	5.42	W	W
Tennessee	3.37	5.83	-42.0%	3.37	5.83	--	--
West South Central	3.12	5.55	-44.0%	3.30	5.77	3.03	5.41
Arkansas	W	W	W	3.68	9.03	W	W
Louisiana	3.19	5.36	-40.0%	3.24	5.57	3.07	4.99
Oklahoma	W	W	W	3.28	5.92	W	W
Texas	3.08	5.48	-44.0%	3.31	5.71	3.03	5.42
Mountain	W	5.90	W	3.81	5.93	W	5.81
Arizona	W	6.51	W	4.37	7.22	W	5.60
Colorado	4.59	W	W	4.62	6.38	4.55	W
Idaho	3.03	W	W	3.03	6.20	--	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	3.71	5.38	W	W
New Mexico	3.32	5.71	-42.0%	3.32	5.71	--	--
Utah	W	W	W	3.44	5.37	W	W
Wyoming	6.31	7.03	-10.0%	6.31	7.03	--	--
Pacific Contiguous	3.65	5.77	-37.0%	3.99	5.83	3.27	5.72
California	3.72	5.88	-37.0%	4.05	6.11	3.36	5.71
Oregon	3.14	W	W	3.46	4.86	2.93	W
Washington	4.08	W	W	4.08	5.82	--	W
Pacific Noncontiguous	5.76	4.56	26.0%	5.76	4.56	--	--
Alaska	5.76	4.56	26.0%	5.76	4.56	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	4.49	7.42	-39.0%	4.40	6.56	4.59	8.38

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.14. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Total (All Sectors) by State, February 2015

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	149	0.78	10.7	166	0.09	2.0	0	--	--
Connecticut	0	--	--	166	0.09	2.0	0	--	--
Maine	20	0.68	8.5	0	--	--	0	--	--
Massachusetts	120	0.65	11.4	0	--	--	0	--	--
New Hampshire	9	2.51	7.6	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	2,078	2.92	10.8	16	0.27	5.2	0	--	--
New Jersey	76	1.22	8.0	0	--	--	0	--	--
New York	25	1.63	13.2	16	0.27	5.2	0	--	--
Pennsylvania	1,976	3.00	10.8	0	--	--	0	--	--
East North Central	6,406	3.04	10.0	6,732	0.24	4.9	0	--	--
Illinois	740	3.55	20.2	3,759	0.22	4.6	0	--	--
Indiana	2,658	2.86	8.8	230	0.33	5.4	0	--	--
Michigan	166	2.00	8.3	1,089	0.26	5.1	0	--	--
Ohio	2,747	3.17	9.2	0	--	--	0	--	--
Wisconsin	95	2.51	7.8	1,654	0.26	5.1	0	--	--
West North Central	134	3.45	8.8	9,208	0.29	5.1	1,824	0.82	10.0
Iowa	43	3.50	8.0	1,421	0.28	5.0	0	--	--
Kansas	25	3.73	14.2	1,322	0.33	5.0	0	--	--
Minnesota	0	--	--	1,541	0.39	6.4	0	--	--
Missouri	66	3.32	7.3	3,675	0.22	4.6	0	--	--
Nebraska	0	--	--	994	0.29	5.3	0	--	--
North Dakota	0	--	--	93	0.34	4.1	1,824	0.82	10.0
South Dakota	0	--	--	162	0.40	5.9	0	--	--
South Atlantic	7,048	2.28	10.1	808	0.33	5.1	0	--	--
Delaware	23	2.46	7.6	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,434	2.29	8.7	0	--	--	0	--	--
Georgia	480	2.04	9.6	806	0.33	5.1	0	--	--
Maryland	395	2.24	10.4	3	0.22	6.5	0	--	--
North Carolina	1,071	1.89	9.7	0	--	--	0	--	--
South Carolina	845	1.65	9.2	0	--	--	0	--	--
Virginia	388	1.36	9.6	0	--	--	0	--	--
West Virginia	2,411	2.88	11.6	0	--	--	0	--	--
East South Central	3,981	2.66	9.3	1,811	0.30	4.4	286	0.55	13.5
Alabama	627	2.37	10.1	830	0.27	5.5	0	--	--
Kentucky	2,665	2.92	9.3	864	0.32	3.5	0	--	--
Mississippi	139	1.62	8.3	13	0.36	5.9	286	0.55	13.5
Tennessee	551	2.07	8.6	103	0.28	3.0	0	--	--
West South Central	76	1.79	18.6	7,857	0.28	5.1	2,917	0.95	16.2
Arkansas	11	0.62	9.1	1,286	0.27	5.2	0	--	--
Louisiana	18	3.28	9.4	764	0.32	5.3	251	0.65	16.2
Oklahoma	47	1.46	25.1	1,498	0.26	4.9	0	--	--
Texas	0	--	--	4,309	0.29	5.2	2,665	0.98	16.2
Mountain	2,368	0.60	13.6	5,659	0.50	8.7	0	--	--
Arizona	503	0.54	10.4	1,323	0.57	10.2	0	--	--
Colorado	282	0.48	9.8	1,267	0.32	5.6	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	566	0.74	10.2	0	--	--
Nevada	0	--	--	102	0.35	7.2	0	--	--
New Mexico	375	0.77	25.7	464	0.74	21.2	0	--	--
Utah	1,208	0.61	12.6	39	0.93	8.6	0	--	--
Wyoming	0	--	--	1,897	0.45	6.4	0	--	--
Pacific Contiguous	22	0.48	10.6	478	0.33	8.3	0	--	--
California	22	0.48	10.6	0	--	--	0	--	--
Oregon	0	--	--	98	0.23	4.4	0	--	--
Washington	0	--	--	380	0.36	9.3	0	--	--
Pacific Noncontiguous	63	1.29	4.2	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	63	1.29	4.2	0	--	--	0	--	--
U.S. Total	22,324	2.45	10.3	32,735	0.32	5.7	5,027	0.88	13.8

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.15. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Electric Utilties by State, February 2015

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	9	2.51	7.6	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	--	--	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	9	2.51	7.6	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	0	--	--	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	0	--	--	0	--	--	0	--	--
East North Central	5,208	3.03	9.0	3,155	0.26	5.1	0	--	--
Illinois	167	3.43	9.9	206	0.21	4.8	0	--	--
Indiana	2,463	2.84	8.7	230	0.33	5.4	0	--	--
Michigan	158	2.05	8.3	1,089	0.26	5.1	0	--	--
Ohio	2,334	3.27	9.3	0	--	--	0	--	--
Wisconsin	86	2.49	7.7	1,630	0.26	5.1	0	--	--
West North Central	81	3.48	9.3	9,148	0.29	5.1	1,824	0.82	10.0
Iowa	0	--	--	1,373	0.28	5.0	0	--	--
Kansas	25	3.73	14.2	1,322	0.33	5.0	0	--	--
Minnesota	0	--	--	1,529	0.39	6.5	0	--	--
Missouri	56	3.37	7.1	3,675	0.22	4.6	0	--	--
Nebraska	0	--	--	994	0.29	5.3	0	--	--
North Dakota	0	--	--	93	0.34	4.1	1,824	0.82	10.0
South Dakota	0	--	--	162	0.40	5.9	0	--	--
South Atlantic	5,650	2.13	10.0	806	0.33	5.1	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,408	2.31	8.7	0	--	--	0	--	--
Georgia	465	2.07	9.7	806	0.33	5.1	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	1,071	1.89	9.7	0	--	--	0	--	--
South Carolina	836	1.66	9.2	0	--	--	0	--	--
Virginia	312	1.38	9.8	0	--	--	0	--	--
West Virginia	1,558	2.56	12.0	0	--	--	0	--	--
East South Central	3,871	2.72	9.3	1,796	0.30	4.4	0	--	--
Alabama	627	2.37	10.1	830	0.27	5.5	0	--	--
Kentucky	2,665	2.92	9.3	850	0.33	3.5	0	--	--
Mississippi	139	1.62	8.3	13	0.36	5.9	0	--	--
Tennessee	441	2.39	8.8	103	0.28	3.0	0	--	--
West South Central	18	3.28	9.4	5,106	0.26	5.0	729	1.00	17.0
Arkansas	0	--	--	1,091	0.26	5.1	0	--	--
Louisiana	18	3.28	9.4	294	0.31	5.3	251	0.65	16.2
Oklahoma	0	--	--	1,443	0.26	5.0	0	--	--
Texas	0	--	--	2,278	0.26	5.0	477	1.20	17.5
Mountain	2,363	0.60	13.6	5,049	0.48	8.6	0	--	--
Arizona	503	0.54	10.4	1,323	0.57	10.2	0	--	--
Colorado	282	0.48	9.8	1,267	0.32	5.6	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	0	--	--	58	0.40	8.9	0	--	--
New Mexico	375	0.77	25.7	464	0.74	21.2	0	--	--
Utah	1,203	0.61	12.6	39	0.93	8.6	0	--	--
Wyoming	0	--	--	1,897	0.45	6.4	0	--	--
Pacific Contiguous	0	--	--	98	0.23	4.4	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	98	0.23	4.4	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	17,201	2.35	10.0	25,157	0.32	5.8	2,553	0.87	11.9

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.16. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Independent Power Producers by State, February 2015

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	132	0.66	11.1	166	0.09	2.0	0	--	--
Connecticut	0	--	--	166	0.09	2.0	0	--	--
Maine	13	0.68	8.8	0	--	--	0	--	--
Massachusetts	120	0.65	11.4	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	2,050	2.94	10.7	16	0.27	5.2	0	--	--
New Jersey	76	1.22	8.0	0	--	--	0	--	--
New York	9	1.90	19.0	16	0.27	5.2	0	--	--
Pennsylvania	1,964	3.01	10.8	0	--	--	0	--	--
East North Central	1,063	3.06	16.0	3,506	0.21	4.6	0	--	--
Illinois	477	3.62	28.0	3,506	0.21	4.6	0	--	--
Indiana	195	3.18	10.7	0	--	--	0	--	--
Michigan	0	--	--	0	--	--	0	--	--
Ohio	391	2.56	8.5	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	0	--	--	0	--	--	0	--	--
Iowa	0	--	--	0	--	--	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	0	--	--	0	--	--	0	--	--
Nebraska	0	--	--	0	--	--	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	1,290	2.98	10.3	3	0.22	6.5	0	--	--
Delaware	23	2.46	7.6	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	26	0.91	11.1	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	365	2.23	9.7	3	0.22	6.5	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	45	0.86	9.0	0	--	--	0	--	--
West Virginia	831	3.51	10.7	0	--	--	0	--	--
East South Central	0	--	--	15	0.30	5.0	286	0.55	13.5
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	15	0.30	5.0	0	--	--
Mississippi	0	--	--	0	--	--	286	0.55	13.5
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	47	1.46	25.1	2,752	0.32	5.4	2,188	0.93	16.0
Arkansas	0	--	--	194	0.29	5.9	0	--	--
Louisiana	0	--	--	470	0.33	5.3	0	--	--
Oklahoma	47	1.46	25.1	55	0.21	4.4	0	--	--
Texas	0	--	--	2,032	0.33	5.4	2,188	0.93	16.0
Mountain	0	--	--	611	0.70	9.8	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	566	0.74	10.2	0	--	--
Nevada	0	--	--	44	0.28	4.8	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	0	--	--	380	0.36	9.3	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	380	0.36	9.3	0	--	--
Pacific Noncontiguous	63	1.29	4.2	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	63	1.29	4.2	0	--	--	0	--	--
U.S. Total	4,645	2.88	11.7	7,447	0.30	5.5	2,474	0.89	15.7

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.17. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Commercial Sector by State, February 2015

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	0	--	--	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	--	--	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	0	--	--	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	0	--	--	0	--	--	0	--	--
East North Central	1	2.51	9.1	0	--	--	0	--	--
Illinois	0	--	--	0	--	--	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	1	2.51	9.1	0	--	--	0	--	--
Ohio	0	--	--	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	10	3.06	8.5	0	--	--	0	--	--
Iowa	0	--	--	0	--	--	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	10	3.06	8.5	0	--	--	0	--	--
Nebraska	0	--	--	0	--	--	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	0	--	--	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	0	--	--	0	--	--	0	--	--
West Virginia	0	--	--	0	--	--	0	--	--
East South Central	0	--	--	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	0	--	--	0	--	--	0	--	--
Arkansas	0	--	--	0	--	--	0	--	--
Louisiana	0	--	--	0	--	--	0	--	--
Oklahoma	0	--	--	0	--	--	0	--	--
Texas	0	--	--	0	--	--	0	--	--
Mountain	0	--	--	0	--	--	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	0	--	--	0	--	--	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	0	--	--	0	--	--	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	11	3.01	8.6	0	--	--	0	--	--

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 4.18. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Industrial Sector by State, February 2015

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	7	0.68	8.0	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	7	0.68	8.0	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	28	1.49	11.1	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	16	1.51	10.5	0	--	--	0	--	--
Pennsylvania	12	1.45	12.0	0	--	--	0	--	--
East North Central	134	3.35	8.5	71	0.36	5.4	0	--	--
Illinois	96	3.50	8.0	47	0.41	5.5	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	7	0.91	9.6	0	--	--	0	--	--
Ohio	22	3.76	10.3	0	--	--	0	--	--
Wisconsin	9	2.76	8.6	23	0.27	5.2	0	--	--
West North Central	43	3.50	8.0	60	0.24	4.3	0	--	--
Iowa	43	3.50	8.0	48	0.22	4.4	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	12	0.34	3.9	0	--	--
Missouri	0	--	--	0	--	--	0	--	--
Nebraska	0	--	--	0	--	--	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	107	1.58	12.2	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	15	1.12	8.5	0	--	--	0	--	--
Maryland	30	2.30	21.2	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	9	0.70	7.4	0	--	--	0	--	--
Virginia	31	1.84	7.7	0	--	--	0	--	--
West Virginia	22	0.96	12.3	0	--	--	0	--	--
East South Central	110	0.88	7.7	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	110	0.88	7.7	0	--	--	0	--	--
West South Central	11	0.62	9.1	0	--	--	0	--	--
Arkansas	11	0.62	9.1	0	--	--	0	--	--
Louisiana	0	--	--	0	--	--	0	--	--
Oklahoma	0	--	--	0	--	--	0	--	--
Texas	0	--	--	0	--	--	0	--	--
Mountain	5	0.48	11.2	0	--	--	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	0	--	--	0	--	--	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	5	0.48	11.2	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	22	0.48	10.6	0	--	--	0	--	--
California	22	0.48	10.6	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	467	1.93	9.4	131	0.31	4.9	0	--	--

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
W = Withheld to avoid disclosure of individual company data.

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 5.1. Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2005 - February 2015 (Million Kilowatthours)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2005	1,359,227	1,275,079	1,019,156	7,506	3,660,969
2006	1,351,520	1,299,744	1,011,298	7,358	3,669,919
2007	1,392,241	1,336,315	1,027,832	8,173	3,764,561
2008	1,380,662	1,336,133	1,009,516	7,653	3,733,965
2009	1,364,758	1,306,853	917,416	7,768	3,596,795
2010	1,445,708	1,330,199	971,221	7,712	3,754,841
2011	1,422,801	1,328,057	991,316	7,672	3,749,846
2012	1,374,515	1,327,101	985,714	7,320	3,694,650
2013	1,394,919	1,344,206	978,351	7,625	3,725,101
2014	1,402,911	1,357,505	955,488	7,776	3,723,681
Year 2013					
January	131,794	107,983	80,260	664	320,701
February	113,123	101,279	76,438	659	291,499
March	112,104	104,391	80,102	644	297,241
April	95,547	101,886	79,732	630	277,796
May	95,199	109,407	84,183	627	289,416
June	117,991	118,245	83,348	638	320,222
July	143,877	128,324	85,905	649	358,755
August	138,073	128,003	86,868	645	353,588
Sept	121,427	119,170	82,273	626	323,496
October	98,900	112,548	82,349	591	294,387
November	97,910	103,823	79,201	574	281,509
December	128,975	109,146	77,692	679	316,492
Year 2014					
January	146,177	114,169	77,028	735	338,108
February	128,190	104,570	72,498	700	305,959
March	113,968	107,173	77,474	649	299,264
April	92,186	102,833	77,227	641	272,887
May	95,516	110,375	81,756	649	288,296
June	117,630	119,153	81,784	608	319,174
July	136,278	126,282	84,208	643	347,411
August	135,383	126,413	85,600	640	348,036
Sept	120,303	120,489	81,714	626	323,133
October	97,701	113,475	81,306	623	293,106
November	99,166	104,391	77,897	637	282,092
December	120,411	108,183	76,995	626	306,215
Year 2015					
January	136,798	111,284	76,946	653	325,682
February	123,940	105,504	74,110	675	304,229
Year to Date					
2013	244,917	209,262	156,697	1,323	612,199
2014	274,368	218,738	149,526	1,435	644,067
2015	260,739	216,788	151,056	1,328	629,910
Rolling 12 Months Ending in February					
2014	1,424,370	1,353,683	971,179	7,737	3,756,969
2015	1,389,282	1,355,554	957,019	7,669	3,709,524

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not available. See Glossary for definitions.
Geographic coverage is the 50 States and the District of Columbia. Values include energy service provider (power marketer) data.
Values for 2013 and prior years are final. Values for 2015 and 2014 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.
Sources: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;
Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

Table 5.2. Revenue from Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2005 - February 2015 (Million Dollars)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2005	128,393	110,522	58,445	643	298,003
2006	140,582	122,914	62,308	702	326,506
2007	148,295	128,903	65,712	792	343,703
2008	155,496	137,036	70,231	820	363,583
2009	157,044	132,747	62,670	828	353,289
2010	166,778	135,554	65,772	814	368,918
2011	166,714	135,927	67,606	803	371,049
2012	163,280	133,898	65,761	747	363,687
2013	169,113	138,229	66,909	805	375,055
2014	175,404	145,889	67,019	798	389,111
Year 2013					
January	15,093	10,550	5,203	70	30,916
February	13,158	10,191	5,078	70	28,496
March	13,011	10,457	5,303	66	28,838
April	11,392	10,146	5,226	65	26,830
May	11,813	11,216	5,641	66	28,736
June	14,797	12,639	5,971	69	33,476
July	18,204	13,791	6,321	71	38,387
August	17,287	13,716	6,326	69	37,398
Sept	15,186	12,583	5,873	68	33,710
October	12,220	11,607	5,587	62	29,476
November	11,839	10,466	5,226	60	27,591
December	15,113	10,867	5,153	69	31,202
Year 2014					
January	17,032	11,808	5,347	76	34,263
February	15,279	11,160	5,129	71	31,639
March	13,952	11,423	5,391	67	30,833
April	11,342	10,778	5,206	64	27,390
May	12,263	11,642	5,511	64	29,480
June	15,266	13,079	5,944	63	34,353
July	17,790	14,112	6,304	68	38,274
August	17,625	13,991	6,316	66	37,999
Sept	15,566	13,368	5,898	68	34,901
October	12,297	12,330	5,650	63	30,341
November	12,356	11,009	5,199	64	28,628
December	14,636	11,188	5,122	64	31,010
Year 2015					
January	16,555	11,461	5,091	70	33,177
February	15,231	11,199	5,101	73	31,605
Year to Date					
2013	28,251	20,741	10,281	140	59,412
2014	32,311	22,968	10,476	147	65,902
2015	31,786	22,660	10,192	143	64,782
Rolling 12 Months Ending in February					
2014	173,173	140,457	67,104	812	381,545
2015	174,880	145,581	66,736	795	387,991

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not available. See Glossary for definitions.
Geographic coverage is the 50 States and the District of Columbia. Values include energy service provider (power marketer) data.
Values for 2013 and prior years are final. Values for 2015 and 2014 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.
Sources: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;
Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

Table 5.3. Average Retail Price of Electricity to Ultimate Customers: Total by End-Use Sector, 2005 - February 2015 (Cents per Kilowatthour)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2005	9.45	8.67	5.73	8.57	8.14
2006	10.40	9.46	6.16	9.54	8.90
2007	10.65	9.65	6.39	9.70	9.13
2008	11.26	10.26	6.96	10.71	9.74
2009	11.51	10.16	6.83	10.66	9.82
2010	11.54	10.19	6.77	10.56	9.83
2011	11.72	10.24	6.82	10.46	9.90
2012	11.88	10.09	6.67	10.21	9.84
2013	12.12	10.28	6.84	10.55	10.07
2014	12.50	10.75	7.01	10.27	10.45
Year 2013					
January	11.45	9.77	6.48	10.53	9.64
February	11.63	10.06	6.64	10.56	9.78
March	11.61	10.02	6.62	10.25	9.70
April	11.92	9.96	6.55	10.28	9.66
May	12.41	10.25	6.70	10.50	9.93
June	12.54	10.69	7.16	10.76	10.45
July	12.65	10.75	7.36	10.97	10.70
August	12.52	10.72	7.28	10.77	10.58
Sept	12.51	10.56	7.14	10.88	10.42
October	12.36	10.31	6.79	10.46	10.01
November	12.09	10.08	6.60	10.49	9.80
December	11.72	9.96	6.63	10.20	9.86
Year 2014					
January	11.65	10.34	6.94	10.29	10.13
February	11.92	10.67	7.07	10.18	10.34
March	12.24	10.66	6.96	10.28	10.30
April	12.30	10.48	6.74	10.02	10.04
May	12.84	10.55	6.74	9.83	10.23
June	12.98	10.98	7.27	10.45	10.76
July	13.05	11.17	7.49	10.51	11.02
August	13.02	11.07	7.38	10.32	10.92
Sept	12.94	11.09	7.22	10.85	10.80
October	12.59	10.87	6.95	10.17	10.35
November	12.46	10.55	6.67	10.10	10.15
December	12.15	10.34	6.65	10.25	10.13
Year 2015					
January	12.10	10.30	6.62	10.67	10.19
February	12.29	10.62	6.88	10.87	10.39
Year to Date					
2013	11.53	9.91	6.56	10.55	9.70
2014	11.78	10.50	7.01	10.24	10.23
2015	12.19	10.45	6.75	10.77	10.28
Rolling 12 Months Ending in February					
2014	12.16	10.38	6.91	10.50	10.16
2015	12.59	10.74	6.97	10.36	10.46

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not available. See Glossary for definitions.
Geographic coverage is the 50 States and the District of Columbia. Values include energy service provider (power marketer) data.
Values for 2013 and prior years are final. Values for 2015 and 2014 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.
Sources: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;
Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

Table 5.4.A. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, February 2015 and 2014 (Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	4,647	4,479	4,390	4,385	1,393	1,436	51	50	10,481	10,350
Connecticut	1,337	1,278	1,068	1,077	263	270	15	14	2,683	2,639
Maine	436	419	316	319	219	234	0	0	972	972
Massachusetts	1,953	1,882	2,159	2,159	578	574	34	33	4,723	4,649
New Hampshire	438	454	380	398	157	171	0	0	975	1,022
Rhode Island	279	246	301	269	64	78	3	3	647	596
Vermont	203	200	166	164	112	108	0	0	481	471
Middle Atlantic	12,792	12,438	13,189	13,145	5,845	5,875	343	370	32,168	31,828
New Jersey	2,434	2,241	3,140	3,070	554	557	27	30	6,155	5,897
New York	4,476	4,530	6,295	6,357	1,422	1,449	277	262	12,470	12,598
Pennsylvania	5,882	5,667	3,754	3,718	3,869	3,870	39	78	13,544	13,333
East North Central	17,623	18,091	14,881	14,558	15,140	15,053	68	77	47,713	47,779
Illinois	4,086	4,306	4,110	4,027	3,398	3,513	61	69	11,655	11,916
Indiana	3,361	3,493	1,906	1,924	3,556	3,589	2	2	8,825	9,008
Michigan	2,847	2,896	3,106	2,940	2,515	2,477	0	1	8,468	8,314
Ohio	5,420	5,365	3,873	3,741	3,831	3,667	5	5	13,128	12,779
Wisconsin	1,909	2,031	1,888	1,925	1,840	1,807	0	0	5,636	5,762
West North Central	9,727	10,495	8,268	8,387	6,969	6,708	5	5	24,967	25,595
Iowa	1,244	1,412	1,001	1,066	1,709	1,584	0	0	3,954	4,062
Kansas	1,127	1,194	1,213	1,212	842	847	0	0	3,182	3,253
Minnesota	1,955	2,157	1,844	1,885	1,679	1,612	2	2	5,480	5,657
Missouri	3,514	3,648	2,500	2,499	1,223	1,241	2	2	7,239	7,391
Nebraska	862	961	774	788	772	766	0	0	2,408	2,516
North Dakota	562	608	532	535	534	448	0	0	1,628	1,591
South Dakota	462	514	404	403	210	209	0	0	1,076	1,127
South Atlantic	32,340	31,976	23,700	22,399	11,393	10,395	111	107	67,543	64,877
Delaware	486	482	328	326	238	174	0	0	1,051	982
District of Columbia	206	197	664	644	23	17	26	23	920	881
Florida	8,236	9,037	6,443	6,658	1,266	1,294	7	7	15,952	16,996
Georgia	5,230	5,028	3,555	3,456	2,480	2,322	15	14	11,280	10,819
Maryland	3,047	2,748	2,473	2,233	283	258	45	45	5,847	5,285
North Carolina	5,783	5,581	3,741	3,454	2,253	1,947	1	1	11,777	10,983
South Carolina	2,830	2,860	1,666	1,514	2,333	2,147	0	0	6,830	6,521
Virginia	5,039	4,734	4,134	3,492	1,445	1,289	18	17	10,636	9,532
West Virginia	1,484	1,308	696	622	1,070	947	1	0	3,250	2,878
East South Central	12,170	12,637	6,991	7,104	8,030	7,980	0	0	27,191	27,721
Alabama	3,102	2,977	1,712	1,696	2,610	2,644	0	0	7,424	7,317
Kentucky	2,925	2,895	1,549	1,520	2,419	2,353	0	0	6,893	6,768
Mississippi	1,703	1,948	1,033	1,096	1,291	1,321	0	0	4,028	4,366
Tennessee	4,439	4,817	2,697	2,791	1,710	1,662	0	0	8,846	9,270
West South Central	17,098	18,851	14,458	14,490	12,540	12,345	16	16	44,111	45,702
Arkansas	1,702	1,968	911	943	1,231	1,281	0	NM	3,845	4,192
Louisiana	2,631	3,005	1,866	1,933	2,594	2,521	1	1	7,091	7,460
Oklahoma	1,893	2,072	1,486	1,438	1,312	1,268	0	0	4,692	4,777
Texas	10,872	11,806	10,194	10,176	7,402	7,275	15	15	28,483	29,273
Mountain	6,240	6,737	6,808	6,763	6,186	6,054	11	11	19,246	19,566
Arizona	1,690	1,794	1,926	1,990	1,066	967	0	0	4,682	4,751
Colorado	1,424	1,453	1,510	1,504	1,173	1,117	5	5	4,112	4,080
Idaho	671	782	510	485	488	497	0	0	1,669	1,764
Montana	453	508	407	411	352	321	0	0	1,212	1,240
Nevada	628	698	649	599	976	980	1	1	2,254	2,277
New Mexico	524	550	635	646	548	543	0	0	1,707	1,739
Utah	595	653	836	781	767	788	5	5	2,203	2,227
Wyoming	255	299	335	347	817	841	0	0	1,407	1,487
Pacific Contiguous	10,927	12,100	12,338	12,851	6,239	6,267	69	64	29,573	31,282
California	6,047	6,222	8,611	8,948	3,269	3,215	67	62	17,994	18,447
Oregon	1,570	1,930	1,222	1,323	897	903	2	2	3,690	4,158
Washington	3,310	3,948	2,505	2,580	2,073	2,149	0	0	7,889	8,677
Pacific Noncontiguous	378	386	481	488	376	385	0	0	1,235	1,259
Alaska	195	186	244	244	110	110	0	0	549	539
Hawaii	183	200	237	245	266	275	0	0	686	720
U.S. Total	123,940	128,190	105,504	104,570	74,110	72,498	675	700	304,229	305,959

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

Table 5.4.B. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through February 2015 and 2014 (Million Kilowatthours)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	9,434	9,479	8,913	8,982	2,819	2,903	106	108	21,272	21,471
Connecticut	2,635	2,650	2,164	2,210	529	537	32	32	5,361	5,429
Maine	944	929	666	671	469	492	0	0	2,079	2,091
Massachusetts	3,949	3,981	4,365	4,371	1,150	1,164	69	70	9,532	9,586
New Hampshire	897	935	765	793	309	330	0	0	1,970	2,058
Rhode Island	579	554	611	595	129	145	5	5	1,324	1,300
Vermont	431	430	342	341	234	236	0	0	1,007	1,007
Middle Atlantic	26,000	26,155	26,667	26,670	11,765	12,108	669	750	65,101	65,682
New Jersey	5,083	4,908	6,445	6,294	1,192	1,186	51	58	12,771	12,446
New York	9,116	9,381	12,639	12,758	2,850	2,854	523	539	25,129	25,532
Pennsylvania	11,801	11,866	7,583	7,618	7,724	8,068	94	153	27,202	27,704
East North Central	36,893	38,854	30,782	30,813	30,793	31,082	127	146	98,595	100,895
Illinois	8,510	9,089	8,562	8,671	6,892	7,184	112	131	24,075	25,075
Indiana	7,012	7,509	3,996	4,042	7,345	7,362	4	4	18,357	18,918
Michigan	6,258	6,430	6,349	6,176	4,885	4,976	1	1	17,493	17,584
Ohio	11,036	11,415	7,947	7,928	7,885	7,804	10	10	26,877	27,158
Wisconsin	4,078	4,410	3,928	3,995	3,787	3,755	0	0	11,792	12,160
West North Central	20,664	22,442	17,117	17,430	14,095	13,711	9	9	51,885	53,593
Iowa	2,790	3,073	2,089	2,195	3,360	3,159	0	0	8,240	8,427
Kansas	2,424	2,592	2,481	2,517	1,710	1,734	0	0	6,615	6,843
Minnesota	4,209	4,605	3,880	3,953	3,442	3,344	5	4	11,536	11,906
Missouri	7,166	7,739	5,122	5,203	2,506	2,543	4	5	14,799	15,491
Nebraska	1,922	2,091	1,577	1,612	1,552	1,586	0	0	5,051	5,289
North Dakota	1,165	1,265	1,132	1,103	1,098	925	0	0	3,396	3,294
South Dakota	987	1,076	835	848	426	420	0	0	2,248	2,343
South Atlantic	66,427	68,913	48,855	48,252	22,808	21,717	225	229	138,315	139,111
Delaware	953	999	651	696	474	344	0	0	2,078	2,040
District of Columbia	413	416	1,329	1,381	47	37	51	51	1,840	1,885
Florida	17,169	18,321	13,460	13,757	2,603	2,648	15	15	33,246	34,741
Georgia	10,767	11,253	7,392	7,456	5,094	4,908	30	29	23,283	23,646
Maryland	6,029	6,013	5,064	4,891	590	558	91	96	11,774	11,558
North Carolina	11,959	12,322	7,680	7,547	4,313	3,961	2	2	23,953	23,832
South Carolina	5,937	6,249	3,455	3,424	4,659	4,499	0	0	14,050	14,172
Virginia	10,241	10,326	8,403	7,698	2,775	2,776	36	35	21,455	20,835
West Virginia	2,961	3,014	1,422	1,402	2,252	1,985	1	1	6,636	6,402
East South Central	24,470	26,456	14,255	14,750	16,643	16,462	0	0	55,368	57,668
Alabama	6,359	6,754	3,570	3,674	5,494	5,447	0	0	15,423	15,874
Kentucky	5,851	6,190	3,158	3,256	4,958	4,909	0	0	13,967	14,354
Mississippi	3,472	3,904	2,094	2,181	2,642	2,696	0	0	8,208	8,780
Tennessee	8,789	9,608	5,432	5,640	3,549	3,411	0	0	17,770	18,659
West South Central	37,131	39,992	29,485	30,066	25,618	25,469	31	32	92,265	95,558
Arkansas	3,595	4,008	1,855	1,912	2,466	2,616	0	NM	7,916	8,536
Louisiana	5,431	6,125	3,804	3,920	5,288	5,062	2	2	14,526	15,108
Oklahoma	4,155	4,461	3,026	2,951	2,705	2,595	0	0	9,886	10,007
Texas	23,950	25,398	20,799	21,283	15,159	15,196	29	30	59,937	61,907
Mountain	14,492	14,946	14,211	14,200	12,971	12,532	23	23	41,698	41,701
Arizona	4,026	4,083	4,116	4,175	2,230	2,017	1	0	10,373	10,275
Colorado	3,112	3,155	3,174	3,134	2,419	2,309	11	11	8,715	8,609
Idaho	1,584	1,730	1,044	1,044	993	1,051	0	0	3,620	3,824
Montana	1,025	1,088	855	860	704	655	0	0	2,583	2,604
Nevada	1,615	1,616	1,297	1,241	2,098	2,009	1	1	5,011	4,867
New Mexico	1,180	1,193	1,331	1,342	1,143	1,134	0	0	3,654	3,669
Utah	1,383	1,457	1,705	1,702	1,647	1,624	10	10	4,745	4,793
Wyoming	568	624	690	703	1,738	1,733	0	0	2,996	3,060
Pacific Contiguous	24,418	26,293	25,533	26,580	12,777	12,749	137	138	62,866	65,759
California	13,605	13,949	17,872	18,625	6,598	6,461	133	132	38,208	39,167
Oregon	3,575	4,111	2,572	2,714	1,855	1,830	4	4	8,005	8,660
Washington	7,239	8,232	5,089	5,241	4,324	4,458	1	1	16,653	17,932
Pacific Noncontiguous	808	839	970	995	767	794	0	0	2,545	2,628
Alaska	413	419	497	500	220	230	0	0	1,131	1,149
Hawaii	394	420	473	496	547	564	0	0	1,414	1,479
U.S. Total	260,739	274,368	216,788	218,738	151,056	149,526	1,328	1,435	629,910	644,067

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

Table 5.5.A. Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, February 2015 and 2014 (Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	963	797	767	699	197	191	6	5	1,933	1,691
Connecticut	292	247	186	178	38	39	2	2	517	467
Maine	73	61	49	46	27	28	0	0	149	135
Massachusetts	423	330	384	342	86	78	4	NM	897	753
New Hampshire	85	78	63	62	22	22	0	0	170	163
Rhode Island	56	46	61	47	12	12	0	0	130	105
Vermont	34	34	24	24	12	11	0	0	69	69
Middle Atlantic	2,029	2,094	1,779	1,923	488	525	43	44	4,339	4,586
New Jersey	379	351	405	422	71	73	3	3	857	849
New York	884	982	1,006	1,112	111	118	37	35	2,038	2,247
Pennsylvania	765	761	368	389	306	334	3	6	1,443	1,490
East North Central	2,151	2,088	1,452	1,430	1,046	1,072	5	5	4,655	4,594
Illinois	486	445	359	350	226	242	4	5	1,075	1,042
Indiana	357	368	184	189	238	247	0	0	779	805
Michigan	392	406	324	317	179	190	0	0	895	913
Ohio	652	594	382	365	260	251	0	0	1,294	1,210
Wisconsin	264	274	204	208	143	141	0	0	611	624
West North Central	1,001	1,044	711	719	455	437	0	0	2,166	2,201
Iowa	133	145	83	87	93	86	0	0	309	318
Kansas	132	133	117	114	63	61	0	0	312	308
Minnesota	226	249	166	178	115	116	0	0	507	543
Missouri	329	329	199	196	69	72	0	0	597	598
Nebraska	84	88	66	65	54	52	0	0	204	205
North Dakota	49	51	44	44	46	35	0	0	139	130
South Dakota	47	50	36	35	15	15	0	0	98	99
South Atlantic	3,703	3,636	2,326	2,236	765	706	10	9	6,803	6,587
Delaware	66	60	35	40	22	17	0	0	124	117
District of Columbia	29	25	84	85	2	3	2	NM	117	115
Florida	996	1,078	660	683	108	105	1	1	1,764	1,865
Georgia	562	548	363	362	152	152	1	1	1,077	1,062
Maryland	402	371	281	275	28	27	4	4	715	677
North Carolina	618	616	321	311	142	127	0	0	1,081	1,054
South Carolina	340	339	172	155	143	130	0	0	655	625
Virginia	555	481	352	276	105	87	2	1	1,014	844
West Virginia	136	119	56	51	63	57	0	0	255	228
East South Central	1,254	1,289	720	726	481	492	0	0	2,455	2,506
Alabama	348	335	191	184	155	155	0	0	695	674
Kentucky	280	276	143	141	134	141	0	0	557	557
Mississippi	188	207	114	118	86	86	0	0	389	411
Tennessee	437	471	272	283	105	109	0	0	814	863
West South Central	1,836	1,945	1,167	1,174	713	746	1	1	3,717	3,865
Arkansas	155	167	72	71	71	73	0	NM	298	310
Louisiana	232	264	163	174	141	138	0	0	536	575
Oklahoma	179	192	107	114	67	70	0	0	353	376
Texas	1,271	1,323	825	815	433	465	1	1	2,530	2,604
Mountain	711	734	643	620	385	368	1	1	1,740	1,723
Arizona	196	201	186	189	64	62	0	0	446	453
Colorado	166	170	146	145	82	78	1	1	396	393
Idaho	63	71	40	36	29	27	0	0	132	134
Montana	47	50	41	38	18	18	0	0	106	106
Nevada	85	84	65	54	57	52	0	0	207	189
New Mexico	66	63	66	63	34	30	0	0	165	156
Utah	62	66	69	65	44	44	1	1	177	175
Wyoming	27	30	29	30	56	56	0	0	112	115
Pacific Contiguous	1,489	1,545	1,527	1,508	494	493	7	5	3,517	3,551
California	1,039	1,005	1,213	1,184	347	337	7	5	2,605	2,532
Oregon	164	198	109	118	52	56	0	0	325	371
Washington	286	342	205	206	95	99	0	0	587	648
Pacific Noncontiguous	94	109	108	125	79	101	0	0	281	335
Alaska	38	35	42	41	16	18	0	0	96	93
Hawaii	57	74	66	84	63	84	0	0	186	242
U.S. Total	15,231	15,279	11,199	11,160	5,101	5,129	73	71	31,605	31,639

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

Table 5.5.B. Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through February 2015 and 2014 (Million Dollars)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	1,909	1,655	1,508	1,406	374	377	13	11	3,804	3,450
Connecticut	564	498	370	357	73	75	3	5	1,011	935
Maine	152	135	101	96	52	58	0	0	305	289
Massachusetts	838	683	748	684	161	155	9	NM	1,757	1,528
New Hampshire	173	158	123	123	42	43	0	0	338	323
Rhode Island	109	108	116	98	22	21	1	1	249	227
Vermont	71	73	49	49	24	25	0	0	144	147
Middle Atlantic	4,094	4,238	3,468	3,823	911	1,081	84	90	8,557	9,231
New Jersey	785	758	801	869	137	168	6	6	1,728	1,801
New York	1,780	1,929	1,933	2,160	198	223	71	72	3,982	4,383
Pennsylvania	1,530	1,551	734	794	576	690	7	12	2,847	3,048
East North Central	4,487	4,428	2,974	2,960	2,095	2,182	9	9	9,565	9,579
Illinois	994	912	743	736	448	474	8	8	2,193	2,130
Indiana	746	776	385	389	493	507	0	0	1,624	1,673
Michigan	856	896	650	657	336	384	0	0	1,842	1,937
Ohio	1,329	1,259	776	755	531	533	1	1	2,636	2,547
Wisconsin	562	586	420	422	287	283	0	0	1,269	1,291
West North Central	2,102	2,208	1,463	1,476	909	880	1	1	4,476	4,565
Iowa	291	311	172	177	182	172	0	0	645	660
Kansas	279	286	238	236	127	124	0	0	644	646
Minnesota	486	526	350	368	233	234	0	0	1,069	1,128
Missouri	666	692	404	404	140	145	0	0	1,210	1,240
Nebraska	180	189	133	132	107	107	0	0	420	428
North Dakota	99	102	93	88	91	69	0	0	283	259
South Dakota	100	103	74	71	30	29	0	0	204	203
South Atlantic	7,553	7,738	4,730	4,748	1,515	1,495	20	21	13,817	14,002
Delaware	130	124	72	81	42	35	0	0	244	240
District of Columbia	57	53	168	182	4	4	5	5	234	244
Florida	2,061	2,178	1,355	1,374	219	212	1	1	3,636	3,765
Georgia	1,139	1,222	738	794	305	336	2	2	2,184	2,353
Maryland	804	800	566	581	56	61	9	9	1,434	1,451
North Carolina	1,268	1,309	654	663	271	255	0	0	2,193	2,228
South Carolina	706	734	350	349	281	285	0	0	1,337	1,368
Virginia	1,117	1,045	714	614	204	188	3	3	2,038	1,849
West Virginia	270	273	113	111	133	120	0	0	515	504
East South Central	2,519	2,675	1,454	1,491	970	1,021	0	0	4,943	5,187
Alabama	706	740	389	397	316	329	0	0	1,411	1,466
Kentucky	558	586	286	295	265	298	0	0	1,109	1,179
Mississippi	384	411	231	232	175	173	0	0	789	816
Tennessee	871	938	548	568	214	221	0	0	1,633	1,727
West South Central	3,951	4,097	2,373	2,419	1,452	1,487	2	2	7,778	8,005
Arkansas	320	336	144	143	141	147	0	NM	605	625
Louisiana	478	528	334	346	290	274	0	0	1,103	1,149
Oklahoma	373	391	215	226	138	139	0	0	725	757
Texas	2,780	2,842	1,680	1,704	884	927	2	2	5,346	5,474
Mountain	1,630	1,622	1,327	1,286	794	761	2	2	3,753	3,671
Arizona	453	451	395	391	132	127	0	0	980	969
Colorado	359	364	299	298	165	160	1	1	824	823
Idaho	151	158	80	77	57	57	0	0	289	292
Montana	108	107	90	80	36	37	0	0	234	224
Nevada	210	198	127	116	124	113	0	0	461	427
New Mexico	146	135	137	129	71	66	0	0	353	330
Utah	144	146	139	135	94	90	1	1	377	373
Wyoming	59	61	60	60	116	112	0	0	235	233
Pacific Contiguous	3,335	3,416	3,138	3,103	1,002	983	13	12	7,487	7,514
California	2,359	2,289	2,508	2,448	704	673	12	11	5,583	5,421
Oregon	370	417	227	239	107	111	0	0	705	767
Washington	606	710	403	416	190	200	0	0	1,199	1,326
Pacific Noncontiguous	207	234	225	255	170	208	0	0	602	697
Alaska	80	77	86	84	32	35	0	0	198	196
Hawaii	127	156	139	172	138	173	0	0	404	501
U.S. Total	31,786	32,311	22,660	22,968	10,192	10,476	143	147	64,782	65,902

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

Table 5.6.A. Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, by State, February 2015 and 2014 (Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	20.72	17.79	17.46	15.95	14.12	13.27	12.53	9.44	18.44	16.34
Connecticut	21.82	19.36	17.41	16.58	14.28	14.37	11.09	15.46	19.27	17.69
Maine	16.66	14.62	15.59	14.30	12.27	11.95	--	--	15.32	13.87
Massachusetts	21.67	17.54	17.77	15.85	14.91	13.63	12.74	NM	19.00	16.19
New Hampshire	19.49	17.18	16.47	15.64	14.10	13.18	--	--	17.44	15.91
Rhode Island	20.17	18.57	20.31	17.51	19.33	14.70	17.98	13.77	20.14	17.56
Vermont	16.53	17.14	14.36	14.53	10.40	10.54	--	--	14.36	14.72
Middle Atlantic	15.86	16.83	13.49	14.63	8.35	8.94	12.48	11.91	13.49	14.41
New Jersey	15.58	15.67	12.89	13.74	12.77	13.09	9.66	9.64	13.93	14.39
New York	19.76	21.67	15.97	17.49	7.82	8.17	13.25	13.47	16.34	17.84
Pennsylvania	13.01	13.43	9.81	10.47	7.92	8.63	8.91	7.56	10.66	11.17
East North Central	12.21	11.54	9.76	9.82	6.91	7.12	7.18	6.77	9.76	9.62
Illinois	11.89	10.33	8.74	8.70	6.64	6.90	7.04	6.61	9.22	8.75
Indiana	10.63	10.54	9.63	9.83	6.70	6.89	9.43	10.29	8.83	8.93
Michigan	13.77	14.04	10.43	10.76	7.11	7.67	11.35	13.50	10.57	10.98
Ohio	12.03	11.07	9.86	9.76	6.80	6.84	7.69	6.80	9.86	9.47
Wisconsin	13.85	13.49	10.79	10.83	7.77	7.81	--	--	10.84	10.82
West North Central	10.29	9.95	8.60	8.58	6.52	6.51	7.97	7.77	8.68	8.60
Iowa	10.70	10.26	8.33	8.15	5.41	5.43	--	--	7.81	7.82
Kansas	11.72	11.13	9.67	9.40	7.45	7.21	--	--	9.81	9.46
Minnesota	11.58	11.53	8.98	9.46	6.84	7.17	9.19	9.68	9.26	9.60
Missouri	9.37	9.01	7.96	7.85	5.62	5.83	6.54	6.09	8.25	8.09
Nebraska	9.69	9.17	8.48	8.24	7.04	6.82	--	--	8.45	8.16
North Dakota	8.71	8.36	8.31	8.26	8.68	7.80	--	--	8.57	8.17
South Dakota	10.24	9.67	8.81	8.65	7.17	7.02	--	--	9.10	8.81
South Atlantic	11.45	11.37	9.81	9.98	6.71	6.79	8.79	8.83	10.07	10.15
Delaware	13.60	12.39	10.80	12.30	9.33	9.67	--	--	11.76	11.88
District of Columbia	13.89	12.75	12.66	13.15	8.94	17.04	9.50	NM	12.75	13.06
Florida	12.09	11.92	10.24	10.25	8.52	8.08	9.55	9.66	11.06	10.97
Georgia	10.74	10.89	10.21	10.47	6.12	6.57	5.06	5.68	9.55	9.82
Maryland	13.20	13.48	11.37	12.32	9.87	10.29	9.69	9.44	12.23	12.80
North Carolina	10.68	11.03	8.59	9.00	6.29	6.54	7.89	7.97	9.17	9.60
South Carolina	12.03	11.85	10.34	10.25	6.11	6.08	--	--	9.60	9.58
Virginia	11.01	10.16	8.53	7.89	7.27	6.74	8.37	8.03	9.53	8.86
West Virginia	9.15	9.13	8.06	8.17	5.91	6.07	7.79	8.77	7.85	7.91
East South Central	10.30	10.20	10.30	10.21	5.99	6.16	8.01	14.43	9.03	9.04
Alabama	11.23	11.25	11.15	10.86	5.96	5.87	--	--	9.36	9.22
Kentucky	9.57	9.53	9.25	9.25	5.53	5.99	--	--	8.08	8.24
Mississippi	11.06	10.62	11.06	10.74	6.69	6.53	--	--	9.66	9.41
Tennessee	9.85	9.78	10.08	10.14	6.14	6.58	8.01	14.43	9.21	9.31
West South Central	10.74	10.32	8.07	8.10	5.68	6.04	5.46	5.37	8.43	8.46
Arkansas	9.09	8.46	7.91	7.52	5.76	5.67	11.57	NM	7.74	7.40
Louisiana	8.81	8.77	8.75	8.98	5.45	5.47	7.18	10.09	7.56	7.71
Oklahoma	9.46	9.29	7.17	7.91	5.12	5.51	--	--	7.52	7.87
Texas	11.69	11.20	8.10	8.01	5.85	6.40	5.34	5.11	8.88	8.90
Mountain	11.40	10.89	9.44	9.17	6.22	6.07	10.14	10.36	9.04	8.81
Arizona	11.59	11.22	9.67	9.50	5.97	6.46	7.79	--	9.52	9.53
Colorado	11.68	11.67	9.69	9.65	7.03	6.99	10.61	11.03	9.62	9.64
Idaho	9.41	9.10	7.81	7.49	5.91	5.39	--	--	7.90	7.61
Montana	10.33	9.83	10.07	9.21	5.10	5.70	--	--	8.72	8.56
Nevada	13.47	12.03	9.98	8.97	5.85	5.26	8.77	8.41	9.16	8.31
New Mexico	12.53	11.38	10.39	9.82	6.18	5.61	--	--	9.69	9.00
Utah	10.47	10.06	8.31	8.27	5.78	5.62	10.05	9.90	8.02	7.86
Wyoming	10.43	9.87	8.71	8.60	6.89	6.63	--	--	7.97	7.74
Pacific Contiguous	13.63	12.77	12.37	11.74	7.92	7.86	10.17	8.51	11.89	11.35
California	17.18	16.15	14.08	13.23	10.61	10.50	10.20	8.48	14.48	13.72
Oregon	10.44	10.23	8.91	8.92	5.82	6.16	9.17	9.54	8.81	8.93
Washington	8.65	8.67	8.19	8.00	4.59	4.63	9.12	9.19	7.44	7.47
Pacific Noncontiguous	24.91	28.25	22.52	25.59	21.02	26.30	--	--	22.79	26.62
Alaska	19.31	18.71	17.35	16.76	14.59	15.91	--	--	17.49	17.26
Hawaii	30.85	37.11	27.82	34.40	23.70	30.45	--	--	27.03	33.64
U.S. Total	12.29	11.92	10.62	10.67	6.88	7.07	10.87	10.18	10.39	10.34

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

Table 5.6.B. Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through February 2015 and 2014 (Cents per Kilowatthour)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD	February 2015 YTD	February 2014 YTD
New England	20.23	17.46	16.91	15.66	13.28	12.99	12.55	10.16	17.88	16.07
Connecticut	21.42	18.81	17.10	16.15	13.74	13.91	10.95	17.18	18.85	17.23
Maine	16.10	14.53	15.18	14.30	11.10	11.87	--	--	14.68	13.83
Massachusetts	21.23	17.17	17.14	15.65	14.04	13.36	12.89	NM	18.43	15.94
New Hampshire	19.32	16.85	16.10	15.47	13.48	12.99	--	--	17.15	15.70
Rhode Island	18.90	19.45	19.06	16.40	17.30	14.47	17.96	14.89	18.82	17.48
Vermont	16.50	17.03	14.20	14.39	10.35	10.44	--	--	14.29	14.59
Middle Atlantic	15.75	16.20	13.00	14.33	7.74	8.93	12.52	11.97	13.14	14.05
New Jersey	15.44	15.45	12.42	13.81	11.47	14.16	11.05	9.95	13.53	14.47
New York	19.52	20.56	15.30	16.93	6.95	7.80	13.50	13.27	15.85	17.17
Pennsylvania	12.96	13.07	9.68	10.42	7.46	8.56	7.89	8.14	10.47	11.00
East North Central	12.16	11.40	9.66	9.61	6.80	7.02	6.95	6.15	9.70	9.49
Illinois	11.69	10.03	8.67	8.49	6.51	6.60	6.77	5.91	9.11	8.50
Indiana	10.64	10.34	9.63	9.62	6.71	6.89	9.55	9.70	8.85	8.84
Michigan	13.67	13.93	10.24	10.64	6.88	7.72	11.62	13.55	10.53	11.02
Ohio	12.04	11.02	9.77	9.52	6.73	6.83	7.53	6.93	9.81	9.38
Wisconsin	13.79	13.28	10.69	10.57	7.57	7.55	--	--	10.76	10.62
West North Central	10.17	9.84	8.55	8.47	6.45	6.42	8.07	7.76	8.63	8.52
Iowa	10.43	10.12	8.24	8.08	5.41	5.44	--	--	7.83	7.83
Kansas	11.51	11.03	9.60	9.36	7.41	7.16	--	--	9.74	9.43
Minnesota	11.54	11.43	9.03	9.30	6.76	7.00	9.37	9.59	9.27	9.48
Missouri	9.30	8.94	7.88	7.76	5.57	5.70	6.51	6.15	8.18	8.01
Nebraska	9.39	9.05	8.41	8.21	6.90	6.72	--	--	8.32	8.10
North Dakota	8.52	8.06	8.20	8.02	8.32	7.44	--	--	8.35	7.87
South Dakota	10.13	9.55	8.80	8.42	7.10	6.97	--	--	9.06	8.68
South Atlantic	11.37	11.23	9.68	9.84	6.64	6.88	8.79	9.04	9.99	10.07
Delaware	13.68	12.44	11.06	11.57	8.82	10.16	--	--	11.75	11.76
District of Columbia	13.87	12.67	12.63	13.21	8.35	10.13	9.83	9.81	12.72	12.94
Florida	12.01	11.89	10.07	9.99	8.41	8.00	9.36	9.46	10.94	10.84
Georgia	10.58	10.86	9.99	10.64	5.98	6.84	5.23	6.27	9.38	9.95
Maryland	13.33	13.30	11.18	11.88	9.49	10.95	9.42	9.80	12.18	12.56
North Carolina	10.61	10.63	8.51	8.79	6.28	6.44	7.78	7.99	9.16	9.35
South Carolina	11.90	11.74	10.12	10.19	6.04	6.34	--	--	9.52	9.65
Virginia	10.91	10.12	8.50	7.97	7.36	6.77	8.56	8.03	9.50	8.87
West Virginia	9.11	9.06	7.93	7.92	5.89	6.03	8.69	9.27	7.76	7.87
East South Central	10.29	10.11	10.20	10.11	5.83	6.20	8.10	13.64	8.93	8.99
Alabama	11.10	10.95	10.88	10.80	5.76	6.04	--	--	9.15	9.23
Kentucky	9.54	9.47	9.07	9.05	5.34	6.06	--	--	7.94	8.21
Mississippi	11.06	10.53	11.02	10.64	6.61	6.42	--	--	9.62	9.29
Tennessee	9.91	9.76	10.09	10.07	6.04	6.49	8.10	13.64	9.19	9.26
West South Central	10.64	10.24	8.05	8.05	5.67	5.84	5.51	5.37	8.43	8.38
Arkansas	8.90	8.37	7.76	7.46	5.70	5.60	11.21	NM	7.64	7.32
Louisiana	8.81	8.63	8.79	8.83	5.48	5.42	7.80	9.71	7.59	7.61
Oklahoma	8.97	8.77	7.10	7.66	5.09	5.37	--	--	7.33	7.56
Texas	11.61	11.19	8.08	8.01	5.83	6.10	5.34	5.10	8.92	8.84
Mountain	11.24	10.85	9.34	9.06	6.13	6.08	9.99	10.28	9.00	8.80
Arizona	11.26	11.05	9.59	9.36	5.90	6.28	7.94	--	9.45	9.43
Colorado	11.52	11.55	9.42	9.50	6.84	6.93	10.23	10.86	9.46	9.56
Idaho	9.56	9.14	7.70	7.38	5.78	5.41	--	--	7.98	7.64
Montana	10.56	9.86	10.47	9.26	5.14	5.64	--	--	9.05	8.60
Nevada	13.00	12.28	9.79	9.32	5.90	5.62	8.73	8.28	9.19	8.77
New Mexico	12.34	11.33	10.31	9.65	6.17	5.78	--	--	9.67	9.00
Utah	10.39	10.03	8.13	7.95	5.70	5.57	10.11	9.89	7.95	7.78
Wyoming	10.35	9.82	8.73	8.53	6.67	6.47	--	--	7.84	7.62
Pacific Contiguous	13.66	12.99	12.29	11.67	7.84	7.71	9.11	8.47	11.91	11.43
California	17.34	16.41	14.03	13.14	10.68	10.41	9.12	8.45	14.61	13.84
Oregon	10.36	10.15	8.83	8.79	5.79	6.07	9.16	8.95	8.81	8.86
Washington	8.37	8.63	7.92	7.95	4.39	4.48	8.68	8.77	7.20	7.40
Pacific Noncontiguous	25.61	27.85	23.23	25.65	22.15	26.19	--	--	23.66	26.52
Alaska	19.34	18.43	17.30	16.72	14.51	15.28	--	--	17.50	17.06
Hawaii	32.18	37.26	29.44	34.66	25.23	30.64	--	--	28.58	33.87
U.S. Total	12.19	11.78	10.45	10.50	6.75	7.01	10.77	10.24	10.28	10.23

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

Table 6.1. Electric Generating Summer Capacity Changes (MW) for Utility Scale Units, January 2015 to February 2015

	As of End of January 2015	Activity During February 2015 as Reported to EIA		As of End of February 2015	Net Change in Capacity - Current Month and Prior Periods			Changes in and Total Net Summer Capacity -- Outlook Based on Reports to EIA							
								Planned Capacity Additions		Planned Capacity Reductions		Planned Net Change		Planned Total Net Summer	
Technology	Total In-Service Capacity	Actual Capacity Additions	Actual Capacity Reductions	Total In-Service Capacity	Current Month	Year to Date	Past 12 Months	Next Month	Next 12 Months	Next Month	Next 12 Months	Next Month	Next 12 Months	At End of Next Month	At End of Next 12 Months
..... Wind (Summer Capacity)	65,238.4	22.1	0.0	65,260.5	22.1	410.4	4,772.3	397.7	8,683.7	1.0	26.3	396.7	8,657.4	65,657.2	73,917.9
..... *Solar Photovoltaic*	*8,739.0*	*187.1*	*19.0*	*8,907.1*	*168.1*	*538.4*	*3,113.9*	*149.0*	*2,548.7*	*0.0*	*0.0*	*149.0*	*2,548.7*	*9,056.1*	*11,455.8*
..... *Solar Thermal without Energy Storage*	*1,362.5*	*0.0*	*0.0*	*1,362.5*	*0.0*	*0.0*	*371.5*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*1,362.5*	*1,362.5*
..... *Solar Thermal with Energy Storage*	*295.4*	*0.0*	*0.0*	*295.4*	*0.0*	*0.0*	*0.0*	*0.0*	*116.0*	*0.0*	*0.0*	*0.0*	*116.0*	*295.4*	*411.4*
..... Solar Subtotal	10,396.9	187.1	19.0	10,565.0	168.1	538.4	3,485.4	149.0	2,664.7	0.0	0.0	149.0	2,664.7	10,714.0	13,229.7
..... Conventional Hydroelectric	79,241.5	59.1	0.8	79,299.8	58.3	67.2	92.8	0.0	443.9	0.0	110.4	0.0	333.5	79,299.8	79,633.3
..... *Wood/Wood Waste Biomass*	*8,326.5*	*0.9*	*9.6*	*8,317.8*	*-8.7*	*-12.5*	*-32.7*	*25.0*	*122.8*	*0.0*	*23.0*	*25.0*	*99.8*	*8,342.8*	*8,417.6*
..... *Landfill Gas*	*2,103.5*	*12.8*	*6.4*	*2,109.9*	*6.4*	*40.8*	*101.3*	*0.0*	*29.6*	*0.0*	*0.0*	*0.0*	*29.6*	*2,109.9*	*2,139.5*
..... *Municipal Solid Waste*	*2,230.7*	*0.0*	*0.0*	*2,230.7*	*0.0*	*0.0*	*3.0*	*0.0*	*85.0*	*0.0*	*0.0*	*0.0*	*85.0*	*2,230.7*	*2,315.7*
..... *Other Waste Biomass*	*820.0*	*1.6*	*2.5*	*819.1*	*-0.9*	*2.1*	*13.8*	*0.0*	*36.2*	*0.0*	*0.0*	*0.0*	*36.2*	*819.1*	*855.3*
..... Biomass Sources Subtotal	13,480.7	15.3	18.5	13,477.5	-3.2	30.4	85.4	25.0	273.6	0.0	23.0	25.0	250.6	13,502.5	13,728.1
..... Geothermal	2,525.0	60.1	6.5	2,578.6	53.6	-28.4	-28.4	0.0	1.8	0.0	0.0	0.0	1.8	2,578.6	2,580.4
... Renewable Sources Subtotal	***170,882.5***	***343.7***	***44.8***	***171,181.4***	***298.9***	***1,018.0***	***8,407.5***	***571.7***	***12,067.7***	***1.0***	***159.7***	***570.7***	***11,908.0***	***171,752.1***	***183,089.4***
..... *Natural Gas Fired Combined Cycle*	*229,601.6*	*110.4*	*205.8*	*229,506.2*	*-95.4*	*-44.8*	*7,592.2*	*0.0*	*5,310.7*	*6.0*	*6.0*	*-6.0*	*5,304.7*	*229,500.2*	*234,810.9*
..... *Natural Gas Fired Combustion Turbine*	*124,796.2*	*42.9*	*14.6*	*124,824.5*	*28.3*	*174.0*	*195.1*	*208.8*	*1,550.4*	*3.5*	*1,367.5*	*205.3*	*182.9*	*125,029.8*	*125,007.4*
..... *Natural Gas with Compressed Air Storage*	*110.0*	*0.0*	*0.0*	*110.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*110.0*	*110.0*
..... *Other Natural Gas*	*77,841.8*	*188.2*	*75.7*	*77,954.3*	*112.5*	*139.7*	*130.7*	*0.4*	*432.6*	*0.0*	*519.5*	*0.4*	*-86.9*	*77,954.7*	*77,867.4*
..... Natural Gas Subtotal	432,349.6	341.5	296.1	432,395.0	45.4	268.9	7,918.0	209.2	7,293.7	9.5	1,893.0	199.7	5,400.7	432,594.7	437,795.7
..... *Conventional Steam Coal*	*298,608.2*	*24.0*	*156.4*	*298,475.8*	*-132.4*	*-717.9*	*-3,724.5*	*0.0*	*10.0*	*1.1*	*12,321.7*	*-1.1*	*-12,311.7*	*298,474.7*	*286,164.1*
..... *Coal Integrated Gasification Combined Cycle*	*791.0*	*0.0*	*0.0*	*791.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*791.0*	*791.0*
..... Coal Subtotal	299,399.2	24.0	156.4	299,266.8	-132.4	-717.9	-3,724.5	0.0	10.0	1.1	12,321.7	-1.1	-12,311.7	299,265.7	286,955.1
..... Petroleum Coke	2,319.7	0.0	28.0	2,291.7	-28.0	-28.0	-45.0	0.0	0.0	0.0	0.0	0.0	0.0	2,291.7	2,291.7
..... Petroleum Liquids	40,482.5	11.0	167.0	40,326.5	-156.0	-151.2	-764.7	1.4	28.1	0.0	814.0	1.4	-785.9	40,327.9	39,540.6
..... Other Gases	2,067.8	0.0	0.0	2,067.8	0.0	0.0	-40.0	0.0	0.0	0.0	3.2	0.0	-3.2	2,067.8	2,064.6
... Fossil Fuels Subtotal	***776,618.8***	***376.5***	***647.5***	***776,347.8***	***-271.0***	***-628.2***	***3,343.8***	***210.6***	***7,331.8***	***10.6***	***15,031.9***	***200.0***	***-7,700.1***	***776,547.8***	***768,647.7***
..... Hydroelectric Pumped Storage	22,411.3	73.0	0.0	22,484.3	73.0	73.0	95.0	0.0	79.0	0.0	0.0	0.0	79.0	22,484.3	22,563.3
..... Flywheels	43.0	0.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	43.0
..... Batteries	149.6	0.0	0.0	149.6	0.0	0.0	4.0	0.0	10.5	0.0	0.0	0.0	10.5	149.6	160.1
... Energy Storage Subtotal	***22,603.9***	***73.0***	***0.0***	***22,676.9***	***73.0***	***73.0***	***99.0***	***0.0***	***89.5***	***0.0***	***0.0***	***0.0***	***89.5***	***22,676.9***	***22,766.4***
... Nuclear	***98,620.9***	***0.8***	***5.1***	***98,616.6***	***-4.3***	***-4.3***	***-608.6***	***0.0***	***1,122.0***	***0.0***	***0.0***	***0.0***	***1,122.0***	***98,616.6***	***99,738.6***
... All Other	***2,108.1***	***28.0***	***0.0***	***2,136.1***	***28.0***	***28.0***	***17.7***	***14.0***	***15.0***	***0.0***	***0.0***	***14.0***	***15.0***	***2,150.1***	***2,151.1***
TOTAL	**1,070,834.2**	**822.0**	**697.4**	**1,070,958.8**	**124.6**	**486.5**	**11,259.4**	**796.3**	**20,626.0**	**11.6**	**15,191.6**	**784.7**	**5,434.4**	**1,071,743.5**	**1,076,393.2**

NOTES:

Planned Capacity Additions reflect plans to begin operating new units and plans to uprate existing units.

Planned Capacity Reductions reflect plans to retire or derate existing units.

Actual Capacity Additions reflect new units, uprates to existing units, corrections to previously reported capacities, and additions not previously reported.

Actual Capacity Reductions reflect retirements of and derates to existing units, corrections to previously reported capacities, and reductions not previously reported.

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of capacity for some technologies such as solar photovoltaic generation.

Table 6.2.A. Net Summer Capacity of Utility Scale Units by Technology and by State, February 2015 and 2014 (Megawatts)

Census Division and State	Renewable Sources		Fossil Fuels		Hydroelectric Pumped Storage		Other Energy Storage		Nuclear		All Other Sources		All Sources	
	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	4,571.7	4,407.7	22,829.6	23,564.2	1,775.4	1,753.4	3.0	3.0	4,026.0	4,630.3	52.9	52.9	33,258.6	34,411.5
Connecticut	335.6	331.6	6,269.4	6,274.1	29.4	29.4	0.0	0.0	2,102.5	2,102.5	30.9	30.9	8,767.8	8,768.5
Maine	1,815.9	1,809.6	2,663.3	2,667.3	0.0	0.0	0.0	0.0	0.0	0.0	22.0	22.0	4,501.2	4,498.9
Massachusetts	891.6	754.5	9,800.9	10,526.8	1,746.0	1,724.0	3.0	3.0	677.3	677.3	0.0	0.0	13,118.8	13,685.6
New Hampshire	930.5	930.5	2,236.7	2,236.7	0.0	0.0	0.0	0.0	1,246.2	1,246.2	0.0	0.0	4,413.4	4,413.4
Rhode Island	50.3	49.5	1,759.8	1,759.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,810.1	1,809.3
Vermont	547.8	532.0	99.5	99.5	0.0	0.0	0.0	0.0	0.0	604.3	0.0	0.0	647.3	1,235.8
Middle Atlantic	10,181.9	10,087.1	69,163.0	69,239.5	3,341.0	3,341.0	40.0	40.0	19,234.3	19,234.3	11.2	11.2	101,971.4	101,953.1
New Jersey	655.9	584.0	14,258.7	13,882.4	420.0	420.0	0.0	0.0	4,107.5	4,107.5	11.2	11.2	19,453.3	19,005.1
New York	6,670.8	6,649.2	26,419.7	26,428.0	1,400.0	1,400.0	20.0	20.0	5,421.0	5,421.0	0.0	0.0	39,931.5	39,918.2
Pennsylvania	2,855.2	2,853.9	28,484.6	28,929.1	1,521.0	1,521.0	20.0	20.0	9,705.8	9,705.8	0.0	0.0	42,586.6	43,029.8
East North Central	9,680.1	9,221.4	121,118.4	122,031.5	1,945.0	1,872.0	24.0	20.0	18,838.1	18,838.1	109.1	109.1	151,714.7	152,092.1
Illinois	3,716.2	3,718.2	29,667.7	29,654.6	0.0	0.0	0.0	0.0	11,577.5	11,577.5	0.0	0.0	44,961.4	44,950.3
Indiana	1,959.1	1,711.6	25,410.6	25,396.6	0.0	0.0	0.0	0.0	0.0	0.0	88.0	88.0	27,457.7	27,196.2
Michigan	2,180.3	1,985.1	22,333.7	22,477.6	1,945.0	1,872.0	0.0	0.0	3,929.1	3,929.1	0.0	0.0	30,388.1	30,263.8
Ohio	711.7	703.6	28,818.6	29,474.1	0.0	0.0	24.0	20.0	2,134.0	2,134.0	0.0	0.0	31,688.3	32,331.7
Wisconsin	1,112.8	1,102.9	14,887.8	15,028.6	0.0	0.0	0.0	0.0	1,197.5	1,197.5	21.1	21.1	17,219.2	17,350.1
West North Central	19,311.7	18,196.4	62,517.7	62,121.4	657.0	657.0	1.0	1.0	5,888.0	5,888.0	24.5	24.5	88,399.9	86,888.3
Iowa	5,744.4	5,207.5	10,130.6	10,118.6	0.0	0.0	0.0	0.0	601.4	601.4	0.0	0.0	16,476.4	15,927.5
Kansas	2,991.9	2,990.9	10,170.0	10,077.3	0.0	0.0	0.0	0.0	1,175.0	1,175.0	0.8	0.8	14,337.7	14,244.0
Minnesota	3,527.2	3,467.5	10,625.3	10,598.3	0.0	0.0	1.0	1.0	1,673.0	1,673.0	18.4	18.4	15,844.9	15,758.2
Missouri	1,050.8	1,039.1	18,916.8	18,860.6	657.0	657.0	0.0	0.0	1,194.0	1,194.0	0.0	0.0	21,818.6	21,750.7
Nebraska	1,105.4	823.9	6,384.9	6,384.9	0.0	0.0	0.0	0.0	1,244.6	1,244.6	0.0	0.0	8,734.9	8,453.4
North Dakota	2,484.0	2,279.0	4,591.4	4,361.4	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.3	7,080.7	6,645.7
South Dakota	2,408.0	2,388.5	1,698.7	1,720.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,106.7	4,108.8
South Atlantic	12,792.5	12,364.1	162,563.5	160,833.1	7,905.2	7,905.2	32.0	32.0	24,562.6	24,562.6	902.7	930.0	208,758.5	206,627.0
Delaware	38.3	38.3	3,042.4	3,042.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,080.7	3,080.7
District of Columbia	0.0	0.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0
Florida	1,315.5	1,300.2	54,304.1	53,125.5	0.0	0.0	0.0	0.0	3,572.0	3,572.0	752.7	780.0	59,944.3	58,777.7
Georgia	2,821.7	2,813.6	29,473.5	29,473.5	1,862.2	1,862.2	0.0	0.0	4,061.0	4,061.0	0.0	0.0	38,218.4	38,210.3
Maryland	953.6	910.3	9,609.2	9,742.2	0.0	0.0	0.0	0.0	1,716.0	1,716.0	0.0	0.0	12,278.8	12,368.5
North Carolina	3,260.4	2,898.7	21,939.5	21,939.5	86.0	86.0	0.0	0.0	5,076.1	5,076.1	54.0	54.0	30,416.0	30,054.3
South Carolina	1,769.5	1,769.5	11,789.3	11,974.9	2,716.0	2,716.0	0.0	0.0	6,556.2	6,556.2	0.0	0.0	22,831.0	23,016.6
Virginia	1,747.5	1,747.5	17,040.6	16,162.0	3,241.0	3,241.0	0.0	0.0	3,581.3	3,581.3	96.0	96.0	25,706.4	24,827.8
West Virginia	886.0	886.0	15,355.9	15,364.1	0.0	0.0	32.0	32.0	0.0	0.0	0.0	0.0	16,273.9	16,282.1
East South Central	7,961.8	7,986.2	70,500.3	70,613.2	1,616.3	1,616.3	0.0	0.0	9,852.6	9,857.5	151.4	151.4	90,082.4	90,224.6
Alabama	3,894.4	3,948.6	22,917.1	23,361.1	0.0	0.0	0.0	0.0	5,043.4	5,043.4	0.0	0.0	31,854.9	32,353.1
Kentucky	903.6	901.4	20,098.2	20,102.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21,001.8	21,003.6
Mississippi	274.7	278.2	14,390.9	13,699.3	0.0	0.0	0.0	0.0	1,408.5	1,413.4	151.4	151.4	16,225.5	15,542.3
Tennessee	2,889.1	2,858.0	13,094.1	13,450.6	1,616.3	1,616.3	0.0	0.0	3,400.7	3,400.7	0.0	0.0	21,000.2	21,325.6
West South Central	22,715.2	19,933.9	146,958.2	144,309.4	288.0	288.0	36.0	36.0	8,905.0	8,904.4	453.9	425.9	179,356.3	173,897.6
Arkansas	1,632.0	1,632.6	11,274.0	11,306.3	28.0	28.0	0.0	0.0	1,819.6	1,819.0	0.0	0.0	14,753.6	14,785.9
Louisiana	642.9	642.9	23,764.5	23,257.3	0.0	0.0	0.0	0.0	2,125.4	2,125.4	230.3	202.3	26,763.1	26,227.9
Oklahoma	4,730.9	4,076.3	18,981.3	18,963.9	260.0	260.0	0.0	0.0	0.0	0.0	0.0	0.0	23,972.2	23,300.2
Texas	15,709.4	13,582.1	92,938.4	90,781.9	0.0	0.0	36.0	36.0	4,960.0	4,960.0	223.6	223.6	113,867.4	109,583.6
Mountain	20,856.0	19,984.6	64,154.3	63,944.2	778.8	778.8	2.6	2.6	3,937.0	3,937.0	111.4	111.4	89,840.1	88,758.6
Arizona	4,362.6	4,267.5	19,592.1	19,599.1	216.3	216.3	0.0	0.0	3,937.0	3,937.0	0.0	0.0	28,108.0	28,019.9
Colorado	3,398.5	3,122.8	10,990.2	11,075.8	562.5	562.5	0.0	0.0	0.0	0.0	9.3	9.3	14,960.5	14,770.4
Idaho	3,776.5	3,771.5	1,137.4	1,137.4	0.0	0.0	0.0	0.0	0.0	0.0	14.8	14.8	4,928.7	4,923.7
Montana	3,393.2	3,373.5	2,911.7	2,911.7	0.0	0.0	0.0	0.0	0.0	0.0	44.0	44.0	6,348.9	6,329.2
Nevada	2,366.5	1,987.5	8,250.6	8,684.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,617.1	10,672.1
New Mexico	1,176.4	1,080.2	6,898.6	6,881.1	0.0	0.0	2.6	2.6	0.0	0.0	0.0	0.0	8,077.6	7,963.9
Utah	666.7	666.0	7,633.4	7,000.3	0.0	0.0	0.0	0.0	0.0	0.0	31.8	31.8	8,331.9	7,698.1
Wyoming	1,715.6	1,715.6	6,740.3	6,654.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5	11.5	8,467.4	8,381.3
Pacific Contiguous	62,059.0	59,566.5	52,474.5	52,401.5	4,177.6	4,177.6	6.0	6.0	3,373.0	3,373.0	292.4	275.4	122,382.5	119,800.0
California	25,341.4	23,178.8	43,824.2	43,973.2	3,863.6	3,863.6	6.0	6.0	2,240.0	2,240.0	235.6	218.6	75,510.8	73,480.2
Oregon	12,037.5	12,028.1	3,857.4	3,635.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15,894.9	15,663.5
Washington	24,680.1	24,359.6	4,792.9	4,792.9	314.0	314.0	0.0	0.0	1,133.0	1,133.0	56.8	56.8	30,976.8	30,656.3
Pacific Noncontiguous	1,051.5	1,026.0	4,068.3	3,946.0	0.0	0.0	48.0	48.0	0.0	0.0	26.6	26.6	5,194.4	5,046.6
Alaska	498.6	482.6	1,996.3	1,875.0	0.0	0.0	27.0	27.0	0.0	0.0	0.0	0.0	2,521.9	2,384.6
Hawaii	552.9	543.4	2,072.0	2,071.0	0.0	0.0	21.0	21.0	0.0	0.0	26.6	26.6	2,672.5	2,662.0
U.S. Total	171,181.4	162,773.9	776,347.8	773,004.0	22,484.3	22,389.3	192.6	188.6	98,616.6	99,225.2	2,136.1	2,118.4	1,070,958.8	1,059,699.4

Values are preliminary.

NOTES:
Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of capacity for some technologies such as solar photovoltaic generation.
Concentrated Solar Power Energy Storage is included in 'Renewable sources'; it is not included in 'Other Energy Storage'

Sources: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Table 6.2.B. Net Summer Capacity of Utility Scale Units Using Primarily Renewable Energy Sources and by State, February 2015 and 2014 (Megawatts)

Census Division and State	Wind		Solar Photovoltaic		Solar Thermal		Conventional Hydroelectric		Biomass Sources		Geothermal		Total Renewable Sources	
	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	821.2	800.9	296.8	159.4	0.0	0.0	1,958.9	1,952.6	1,494.8	1,494.8	0.0	0.0	4,571.7	4,407.7
Connecticut	0.0	0.0	9.0	5.0	0.0	0.0	122.2	122.2	204.4	204.4	0.0	0.0	335.6	331.6
Maine	430.6	430.6	0.0	0.0	0.0	0.0	733.0	726.7	652.3	652.3	0.0	0.0	1,815.9	1,809.6
Massachusetts	95.6	76.1	252.9	135.3	0.0	0.0	263.0	263.0	280.1	280.1	0.0	0.0	891.6	754.5
New Hampshire	171.0	171.0	0.0	0.0	0.0	0.0	514.4	514.4	245.1	245.1	0.0	0.0	930.5	930.5
Rhode Island	3.8	3.0	6.9	6.9	0.0	0.0	2.7	2.7	36.9	36.9	0.0	0.0	50.3	49.5
Vermont	120.2	120.2	28.0	12.2	0.0	0.0	323.6	323.6	76.0	76.0	0.0	0.0	547.8	532.0
Middle Atlantic	3,098.4	3,082.2	508.6	433.4	0.0	0.0	5,227.2	5,226.8	1,347.7	1,344.7	0.0	0.0	10,181.9	10,087.1
New Jersey	7.5	7.5	415.3	346.4	0.0	0.0	3.3	3.3	229.8	226.8	0.0	0.0	655.9	584.0
New York	1,747.0	1,730.8	51.2	46.2	0.0	0.0	4,332.7	4,332.3	539.9	539.9	0.0	0.0	6,670.8	6,649.2
Pennsylvania	1,343.9	1,343.9	42.1	40.8	0.0	0.0	891.2	891.2	578.0	578.0	0.0	0.0	2,855.2	2,853.9
East North Central	7,417.8	7,033.4	160.6	113.0	0.0	0.0	920.3	920.3	1,181.4	1,154.7	0.0	0.0	9,680.1	9,221.4
Illinois	3,525.1	3,525.1	31.9	31.6	0.0	0.0	34.1	34.1	125.1	127.4	0.0	0.0	3,716.2	3,718.2
Indiana	1,739.7	1,539.7	91.1	49.3	0.0	0.0	60.4	60.4	67.9	62.2	0.0	0.0	1,959.1	1,711.6
Michigan	1,397.3	1,215.9	0.0	0.0	0.0	0.0	331.4	331.4	451.6	437.8	0.0	0.0	2,180.3	1,985.1
Ohio	424.1	424.1	37.6	32.1	0.0	0.0	101.9	101.9	148.1	145.5	0.0	0.0	711.7	703.6
Wisconsin	331.6	328.6	0.0	0.0	0.0	0.0	392.5	392.5	388.7	381.8	0.0	0.0	1,112.8	1,102.9
West North Central	15,486.3	14,398.2	10.4	1.7	0.0	0.0	3,299.7	3,292.2	515.3	504.3	0.0	0.0	19,311.7	18,196.4
Iowa	5,579.1	5,047.0	0.0	0.0	0.0	0.0	144.9	144.9	20.4	15.6	0.0	0.0	5,744.4	5,207.5
Kansas	2,968.9	2,968.9	1.0	0.0	0.0	0.0	7.0	7.0	15.0	15.0	0.0	0.0	2,991.9	2,990.9
Minnesota	2,893.7	2,843.7	1.7	1.7	0.0	0.0	193.9	184.2	437.9	437.9	0.0	0.0	3,527.2	3,467.5
Missouri	458.5	458.5	7.7	0.0	0.0	0.0	568.1	570.3	16.5	10.3	0.0	0.0	1,050.8	1,039.1
Nebraska	811.9	530.4	0.0	0.0	0.0	0.0	277.8	277.8	15.7	15.7	0.0	0.0	1,105.4	823.9
North Dakota	1,964.2	1,759.2	0.0	0.0	0.0	0.0	510.0	510.0	9.8	9.8	0.0	0.0	2,484.0	2,279.0
South Dakota	810.0	790.5	0.0	0.0	0.0	0.0	1,598.0	1,598.0	0.0	0.0	0.0	0.0	2,408.0	2,388.5
South Atlantic	745.3	705.3	906.2	551.7	0.0	0.0	7,193.2	7,193.2	3,947.8	3,913.9	0.0	0.0	12,792.5	12,364.1
Delaware	2.0	2.0	28.3	28.3	0.0	0.0	0.0	0.0	8.0	8.0	0.0	0.0	38.3	38.3
District of Columbia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida	0.0	0.0	69.1	66.4	0.0	0.0	54.5	54.5	1,191.9	1,179.3	0.0	0.0	1,315.5	1,300.2
Georgia	0.0	0.0	67.6	61.1	0.0	0.0	2,044.9	2,044.9	709.2	707.6	0.0	0.0	2,821.7	2,813.6
Maryland	160.0	120.0	58.5	55.2	0.0	0.0	590.0	590.0	145.1	145.1	0.0	0.0	953.6	910.3
North Carolina	0.0	0.0	680.2	338.2	0.0	0.0	1,997.0	1,997.0	583.2	563.5	0.0	0.0	3,260.4	2,898.7
South Carolina	0.0	0.0	2.5	2.5	0.0	0.0	1,340.3	1,340.3	426.7	426.7	0.0	0.0	1,769.5	1,769.5
Virginia	0.0	0.0	0.0	0.0	0.0	0.0	866.0	866.0	881.5	881.5	0.0	0.0	1,747.5	1,747.5
West Virginia	583.3	583.3	0.0	0.0	0.0	0.0	300.5	300.5	2.2	2.2	0.0	0.0	886.0	886.0
East South Central	29.1	29.1	45.2	13.6	0.0	0.0	6,724.1	6,719.4	1,163.4	1,224.1	0.0	0.0	7,961.8	7,986.2
Alabama	0.0	0.0	0.0	0.0	0.0	0.0	3,272.2	3,272.2	622.2	676.4	0.0	0.0	3,894.4	3,948.6
Kentucky	0.0	0.0	0.0	0.0	0.0	0.0	833.3	831.1	70.3	70.3	0.0	0.0	903.6	901.4
Mississippi	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	274.7	278.2	0.0	0.0	274.7	278.2
Tennessee	29.1	29.1	45.2	13.6	0.0	0.0	2,618.6	2,616.1	196.2	199.2	0.0	0.0	2,889.1	2,858.0
West South Central	18,136.0	15,454.8	185.7	125.9	0.0	0.0	3,061.6	3,072.2	1,331.9	1,281.0	0.0	0.0	22,715.2	19,933.9
Arkansas	0.0	0.0	0.0	0.0	0.0	0.0	1,323.6	1,324.2	308.4	308.4	0.0	0.0	1,632.0	1,632.6
Louisiana	0.0	0.0	0.0	0.0	0.0	0.0	192.0	192.0	450.9	450.9	0.0	0.0	642.9	642.9
Oklahoma	3,779.5	3,132.9	0.0	0.0	0.0	0.0	875.2	867.2	76.2	76.2	0.0	0.0	4,730.9	4,076.3
Texas	14,356.5	12,321.9	185.7	125.9	0.0	0.0	670.8	688.8	496.4	445.5	0.0	0.0	15,709.4	13,582.1
Mountain	7,093.4	6,795.5	2,124.4	1,602.5	363.9	363.9	10,563.5	10,551.0	182.4	184.8	528.4	486.9	20,856.0	19,984.6
Arizona	237.3	237.3	1,074.8	976.9	295.4	295.4	2,720.4	2,719.4	34.7	38.5	0.0	0.0	4,362.6	4,267.5
Colorado	2,566.1	2,302.9	125.5	120.2	0.0	0.0	679.5	672.3	27.4	27.4	0.0	0.0	3,398.5	3,122.8
Idaho	962.7	962.7	0.0	0.0	0.0	0.0	2,708.1	2,704.5	95.7	94.3	10.0	10.0	3,776.5	3,771.5
Montana	632.1	612.4	0.0	0.0	0.0	0.0	2,758.1	2,758.1	3.0	3.0	0.0	0.0	3,393.2	3,373.5
Nevada	150.0	150.0	649.6	312.1	68.5	68.5	1,051.4	1,051.4	3.2	3.2	443.8	402.3	2,366.5	1,987.5
New Mexico	812.3	797.3	273.2	192.0	0.0	0.0	82.9	82.9	6.4	6.4	1.6	1.6	1,176.4	1,080.2
Utah	324.4	324.4	1.3	1.3	0.0	0.0	256.0	255.3	12.0	12.0	73.0	73.0	666.7	666.0
Wyoming	1,408.5	1,408.5	0.0	0.0	0.0	0.0	307.1	307.1	0.0	0.0	0.0	0.0	1,715.6	1,715.6
Pacific Contiguous	12,167.4	11,923.2	4,637.0	2,771.8	1,294.0	922.5	39,894.7	39,838.7	2,058.7	2,033.2	2,007.2	2,077.1	62,059.0	59,566.5
California	5,933.4	5,956.0	4,623.8	2,758.6	1,294.0	922.5	10,173.6	10,173.4	1,327.1	1,308.9	1,989.5	2,059.4	25,341.4	23,178.8
Oregon	3,160.9	3,160.9	12.7	12.7	0.0	0.0	8,517.1	8,515.7	329.1	321.1	17.7	17.7	12,037.5	12,028.1
Washington	3,073.1	2,806.3	0.5	0.5	0.0	0.0	21,204.0	21,149.6	402.5	403.2	0.0	0.0	24,680.1	24,359.6
Pacific Noncontiguous	265.6	265.6	32.2	20.2	0.0	0.0	456.6	440.6	254.1	256.6	43.0	43.0	1,051.5	1,026.0
Alaska	60.0	60.0	0.0	0.0	0.0	0.0	431.6	415.6	7.0	7.0	0.0	0.0	498.6	482.6
Hawaii	205.6	205.6	32.2	20.2	0.0	0.0	25.0	25.0	247.1	249.6	43.0	43.0	552.9	543.4
U.S. Total	65,260.5	60,488.2	8,907.1	5,793.2	1,657.9	1,286.4	79,299.8	79,207.0	13,477.5	13,392.1	2,578.6	2,607.0	171,181.4	162,773.9

Values are preliminary.

NOTES:
Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of existing or planned capacity for some technologies such as solar photovoltaic generation.

Sources: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Table 6.2.C. Net Summer Capacity of Utility Scale Units Using Primarily Fossil Fuels and by State, February 2015 and 2014 (Megawatts)

Census Division and State	Natural Gas Fired Combined Cycle		Natural Gas Fired Combustion Turbine		Other Natural Gas		Coal		Petroleum Coke		Petroleum Liquids		Other Gases		Total Fossil Fuels	
	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014	February 2015	February 2014
New England	11,739.3	11,720.9	1,110.1	1,111.3	962.4	884.9	2,089.3	2,382.7	0.0	0.0	6,928.5	7,464.4	0.0	0.0	22,829.6	23,564.2
Connecticut	2,504.6	2,504.6	482.2	482.2	63.3	75.9	383.4	383.4	0.0	0.0	2,835.9	2,828.0	0.0	0.0	6,269.4	6,274.1
Maine	1,250.0	1,250.0	297.2	297.2	119.0	119.0	85.0	85.0	0.0	0.0	912.1	916.1	0.0	0.0	2,663.3	2,667.3
Massachusetts	5,051.5	5,033.1	326.9	328.1	769.7	679.6	1,087.0	1,380.4	0.0	0.0	2,565.8	3,105.6	0.0	0.0	9,800.9	10,526.8
New Hampshire	1,201.0	1,201.0	3.8	3.8	0.0	0.0	533.9	533.9	0.0	0.0	498.0	498.0	0.0	0.0	2,236.7	2,236.7
Rhode Island	1,732.2	1,732.2	0.0	0.0	10.4	10.4	0.0	0.0	0.0	0.0	17.2	17.2	0.0	0.0	1,759.8	1,759.8
Vermont	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.5	99.5	0.0	0.0	99.5	99.5
Middle Atlantic	23,089.4	22,426.7	8,768.3	8,760.8	10,144.4	10,148.3	18,568.3	19,095.8	11.6	11.6	8,480.6	8,695.9	100.4	100.4	69,163.0	69,239.5
New Jersey	6,521.3	5,852.0	4,066.8	4,062.8	670.4	670.4	1,875.8	1,988.8	11.6	11.6	1,112.8	1,296.8	0.0	0.0	14,258.7	13,882.4
New York	8,229.4	8,236.0	3,020.5	3,017.0	7,675.4	7,679.3	2,507.3	2,507.3	0.0	0.0	4,987.1	4,988.4	0.0	0.0	26,419.7	26,428.0
Pennsylvania	8,338.7	8,338.7	1,681.0	1,681.0	1,798.6	1,798.6	14,185.2	14,599.7	0.0	0.0	2,380.7	2,410.7	100.4	100.4	28,484.6	28,929.1
East North Central	16,275.5	16,267.1	25,681.5	25,701.7	3,559.4	3,626.7	71,185.5	71,988.7	570.1	570.1	2,905.1	2,935.9	941.3	941.3	121,118.4	122,031.5
Illinois	2,965.5	2,957.7	10,169.6	10,169.6	228.0	228.0	15,493.9	15,498.4	0.0	0.0	693.0	683.2	117.7	117.7	29,667.7	29,654.6
Indiana	2,471.2	2,471.2	3,119.6	3,119.6	21.8	8.7	18,662.2	18,648.2	274.0	274.0	255.3	268.4	606.5	606.5	25,410.6	25,396.6
Michigan	4,210.7	4,210.1	3,594.5	3,614.4	3,020.0	3,117.1	10,946.5	10,946.5	47.2	47.2	514.8	542.3	0.0	0.0	22,333.7	22,477.6
Ohio	3,965.2	3,965.2	5,426.7	5,426.7	131.4	133.4	18,091.3	18,744.8	142.0	142.0	844.9	844.9	217.1	217.1	28,818.6	29,474.1
Wisconsin	2,662.9	2,662.9	3,371.1	3,371.4	158.2	139.5	7,991.6	8,150.8	106.9	106.9	597.1	597.1	0.0	0.0	14,887.8	15,028.6
West North Central	5,730.6	5,730.6	11,579.1	11,364.4	3,345.7	3,169.2	37,712.3	37,701.1	32.0	32.0	4,109.6	4,115.7	8.4	8.4	62,517.7	62,121.4
Iowa	1,112.8	1,112.8	1,105.6	1,105.6	299.1	291.1	6,568.1	6,562.3	32.0	32.0	1,013.0	1,014.8	0.0	0.0	10,130.6	10,118.6
Kansas	0.0	0.0	2,350.7	2,350.7	2,131.2	1,996.2	5,150.1	5,188.1	0.0	0.0	538.0	542.3	0.0	0.0	10,170.0	10,077.3
Minnesota	2,158.2	2,158.2	2,580.4	2,580.4	264.7	231.2	4,814.8	4,822.3	0.0	0.0	807.2	806.2	0.0	0.0	10,625.3	10,598.3
Missouri	1,830.0	1,830.0	3,367.6	3,320.9	230.8	230.8	12,343.4	12,332.9	0.0	0.0	1,145.0	1,146.0	0.0	0.0	18,916.8	18,860.6
Nebraska	339.6	339.6	1,152.2	1,152.2	407.3	407.3	4,170.5	4,170.5	0.0	0.0	315.3	315.3	0.0	0.0	6,384.9	6,384.9
North Dakota	0.0	0.0	328.0	160.0	0.0	0.0	4,190.4	4,128.4	0.0	0.0	64.6	64.6	8.4	8.4	4,591.4	4,361.4
South Dakota	290.0	290.0	694.6	694.6	12.6	12.6	475.0	496.6	0.0	0.0	226.5	226.5	0.0	0.0	1,698.7	1,720.3
South Atlantic	47,688.7	45,004.5	31,714.2	31,817.8	4,639.3	4,667.4	63,438.9	64,264.1	669.8	669.8	14,147.6	14,144.5	265.0	265.0	162,563.5	160,833.1
Delaware	1,196.0	1,196.0	181.0	181.0	876.0	876.0	410.0	410.0	0.0	0.0	114.4	114.4	265.0	265.0	3,042.4	3,042.4
District of Columbia	0.0	0.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0
Florida	25,879.9	24,667.9	8,405.0	8,405.4	2,614.3	2,647.3	10,117.0	10,117.0	586.0	586.0	6,701.9	6,701.9	0.0	0.0	54,304.1	53,125.5
Georgia	7,921.8	7,921.8	7,799.1	7,799.1	155.0	155.0	12,412.1	12,412.1	83.8	83.8	1,101.7	1,101.7	0.0	0.0	29,473.5	29,473.5
Maryland	250.0	250.0	1,479.9	1,594.9	325.8	325.8	4,739.0	4,757.0	0.0	0.0	2,814.5	2,814.5	0.0	0.0	9,609.2	9,742.2
North Carolina	4,706.6	4,706.6	6,035.7	6,035.7	0.0	0.0	10,794.8	10,794.8	0.0	0.0	402.4	402.4	0.0	0.0	21,939.5	21,939.5
South Carolina	2,416.0	2,416.0	2,855.6	2,841.2	110.8	110.8	5,745.5	5,945.5	0.0	0.0	661.4	661.4	0.0	0.0	11,789.3	11,974.9
Virginia	5,318.4	3,846.2	3,877.6	3,877.6	557.4	546.9	4,946.9	5,554.1	0.0	0.0	2,340.3	2,337.2	0.0	0.0	17,040.6	16,162.0
West Virginia	0.0	0.0	1,071.3	1,073.9	0.0	5.6	14,273.6	14,273.6	0.0	0.0	11.0	11.0	0.0	0.0	15,355.9	15,364.1
East South Central	18,338.7	17,642.3	12,829.5	12,829.5	2,720.7	2,725.5	36,306.5	37,111.0	0.0	0.0	205.1	205.1	99.8	99.8	70,500.3	70,613.2
Alabama	9,373.1	9,373.1	2,530.6	2,530.6	178.3	178.3	10,692.7	11,136.7	0.0	0.0	42.6	42.6	99.8	99.8	22,917.1	23,361.1
Kentucky	0.0	0.0	4,812.6	4,812.6	0.0	0.0	15,215.7	15,219.7	0.0	0.0	69.9	69.9	0.0	0.0	20,098.2	20,102.2
Mississippi	7,562.6	6,866.2	1,716.9	1,716.9	2,542.4	2,547.2	2,526.0	2,526.0	0.0	0.0	43.0	43.0	0.0	0.0	14,390.9	13,699.3
Tennessee	1,403.0	1,403.0	3,769.4	3,769.4	0.0	0.0	7,872.1	8,228.6	0.0	0.0	49.6	49.6	0.0	0.0	13,094.1	13,450.6
West South Central	58,616.5	55,733.7	12,300.8	12,299.6	36,587.1	36,756.5	37,958.9	37,956.7	956.2	984.2	198.8	198.8	339.9	379.9	146,958.2	144,309.4
Arkansas	4,597.3	4,630.5	729.3	727.6	810.7	813.7	5,124.5	5,122.3	0.0	0.0	12.2	12.2	0.0	0.0	11,274.0	11,306.3
Louisiana	7,613.0	7,053.4	2,640.4	2,640.4	9,044.1	9,068.5	3,437.8	3,437.8	945.6	973.6	49.3	49.3	34.3	34.3	23,764.5	23,257.3
Oklahoma	7,114.9	7,097.5	1,189.9	1,189.9	5,297.0	5,297.0	5,305.1	5,305.1	0.0	0.0	74.4	74.4	0.0	0.0	18,981.3	18,963.9
Texas	39,291.3	36,952.3	7,741.2	7,741.7	21,435.3	21,577.3	24,091.5	24,091.5	10.6	10.6	62.9	62.9	305.6	345.6	92,938.4	90,781.9
Mountain	21,834.0	21,173.5	8,913.0	8,876.0	3,260.1	3,396.2	29,673.0	30,022.9	52.0	52.0	327.3	328.7	94.9	94.9	64,154.3	63,944.2
Arizona	9,806.4	9,806.4	2,367.6	2,367.6	1,177.6	1,177.6	6,150.0	6,157.0	0.0	0.0	90.5	90.5	0.0	0.0	19,592.1	19,599.1
Colorado	2,651.7	2,731.7	2,539.3	2,539.3	349.0	353.2	5,281.8	5,281.8	0.0	0.0	168.4	169.8	0.0	0.0	10,990.2	11,075.8
Idaho	567.5	567.5	543.0	543.0	4.3	4.3	17.2	17.2	0.0	0.0	5.4	5.4	0.0	0.0	1,137.4	1,137.4
Montana	0.0	0.0	362.1	362.1	54.0	54.0	2,442.1	2,442.1	52.0	52.0	0.0	0.0	1.5	1.5	2,911.7	2,911.7
Nevada	5,410.5	5,410.5	1,385.6	1,385.6	451.1	587.1	997.4	1,295.4	0.0	0.0	6.0	6.0	0.0	0.0	8,250.6	8,684.6
New Mexico	1,473.9	1,456.4	1,041.6	1,041.6	888.7	888.7	3,471.0	3,471.0	0.0	0.0	23.4	23.4	0.0	0.0	6,898.6	6,881.1
Utah	1,830.0	1,201.0	520.2	520.2	329.4	325.3	4,926.0	4,926.0	0.0	0.0	27.8	27.8	0.0	0.0	7,633.4	7,000.3
Wyoming	94.0	0.0	153.6	116.6	6.0	6.0	6,387.5	6,432.4	0.0	0.0	5.8	5.8	93.4	93.4	6,740.3	6,654.2
Pacific Contiguous	25,588.3	25,609.5	11,398.8	11,392.1	12,765.4	12,545.1	2,043.6	2,177.8	0.0	17.0	466.7	448.3	211.7	211.7	52,474.5	52,401.5
California	19,902.8	19,924.0	10,623.8	10,617.1	12,515.8	12,517.5	118.6	252.8	0.0	17.0	451.5	433.1	211.7	211.7	43,824.2	43,973.2
Oregon	2,916.6	2,916.6	133.8	133.8	222.0	0.0	585.0	585.0	0.0	0.0	0.0	0.0	0.0	0.0	3,857.4	3,635.4
Washington	2,768.9	2,768.9	641.2	641.2	27.6	27.6	1,340.0	1,340.0	0.0	0.0	15.2	15.2	0.0	0.0	4,792.9	4,792.9
Pacific Noncontiguous	605.2	605.2	529.2	476.2	79.8	13.8	290.5	290.5	0.0	0.0	2,557.2	2,553.9	6.4	6.4	4,068.3	3,946.0
Alaska	605.2	605.2	529.2	476.2	79.8	13.8	110.5	110.5	0.0	0.0	671.6	669.3	0.0	0.0	1,996.3	1,875.0
Hawaii	0.0	0.0	0.0	0.0	0.0	0.0	180.0	180.0	0.0	0.0	1,885.6	1,884.6	6.4	6.4	2,072.0	2,071.0
U.S. Total	229,506.2	221,914.0	124,824.5	124,629.4	78,064.3	77,933.6	299,266.8	302,991.3	2,291.7	2,336.7	40,326.5	41,091.2	2,067.8	2,107.8	776,347.8	773,004.0

Values are preliminary.

NOTES:
Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of existing or planned capacity for some technologies such as solar photovoltaic generation.

Sources: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 2015

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2015	1	12647	ALLETE, Inc.	Electric Utility	Bison 4 Wind Energy Center	ND	58872	BISO4	205.0	Onshore Wind Turbine	WND	WT
2015	1	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	02	40.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	1	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	03	40.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	1	59275	CF SBC Master Tenant One LLC	IPP	Coronus Adelanto West 1	CA	59536	AW1	1.5	Solar Photovoltaic	SUN	PV
2015	1	59275	CF SBC Master Tenant One LLC	IPP	Coronus Adelanto West 2	CA	59537	AW2	1.5	Solar Photovoltaic	SUN	PV
2015	1	57391	Copper Mountain Solar 2, LLC	IPP	Copper Mountain Solar 2	NV	58017	PV04	30.0	Solar Photovoltaic	SUN	PV
2015	1	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	10	21.0	Solar Photovoltaic	SUN	PV
2015	1	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	9	24.0	Solar Photovoltaic	SUN	PV
2015	1	59176	Diamond Valley Solar LLC	IPP	Diamond Valley Solar Project	CA	59405	PV11	1.3	Solar Photovoltaic	SUN	PV
2015	1	58720	Enbridge	IPP	Keechi Wind	TX	58838	KW1	110.0	Onshore Wind Turbine	WND	WT
2015	1	56615	First Solar Energy LLC	IPP	Meadow Lake Solar Energy Center	NM	59618	MLK	9.1	Solar Photovoltaic	SUN	PV
2015	1	10210	Ketchikan Public Utilities	Electric Utility	Whitman	AK	58977	WPG-1	3.9	Conventional Hydroelectric	WAT	HY
2015	1	10210	Ketchikan Public Utilities	Electric Utility	Whitman	AK	58977	WPG-2	0.9	Conventional Hydroelectric	WAT	HY
2015	1	56990	NJR Clean Energy Ventures Corporation	IPP	Carroll Area Wind Farm	IA	59071	WT 1	20.0	Onshore Wind Turbine	WND	WT
2015	1	56990	NJR Clean Energy Ventures Corporation	IPP	North Run	NJ	59318	NRUN1	5.0	Solar Photovoltaic	SUN	PV
2015	1	58489	OCI Solar Power	IPP	OCI Alamo 3 LLC	TX	59204	OCIA3	5.5	Solar Photovoltaic	SUN	PV
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	9	18.5	Other Natural Gas	NG	IC
2015	1	15477	Public Service Elec & Gas Co	Electric Utility	Kinsley Landfill Solar	NJ	58877	KINS	8.6	Solar Photovoltaic	SUN	PV
2015	1	15477	Public Service Elec & Gas Co	Electric Utility	Parkland Landfill Solar	NJ	59001	PARK	7.8	Solar Photovoltaic	SUN	PV
2015	1	59121	Pumpjack Solar I, LLC	IPP	Pumpjack Solar I	CA	59322	GEN1	20.0	Solar Photovoltaic	SUN	PV
2015	1	59040	Rising Tree Wind Farm II LLC	IPP	Rising Tree Wind Farm II	CA	59235	GEN1	19.8	Onshore Wind Turbine	WND	WT
2015	1	56937	Rising Tree Wind Farm LLC	IPP	Rising Tree Wind Farm	CA	57621	GEN1	79.2	Onshore Wind Turbine	WND	WT
2015	1	58820	Shankle Solar Center LLC	IPP	Shankle Solar Center LLC	NC	58956	SHAN	4.8	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017A	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017B	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017C	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017D	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017E	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017F	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017G	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #33	CA	57535	S33A	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #33	CA	57535	S33B	0.5	Solar Photovoltaic	SUN	PV
2015	1	58258	SunRay Power LLC	IPP	Leicester One MA Solar LLC	MA	58282	1	6.0	Solar Photovoltaic	SUN	PV
2015	2	58519	Clean Energy Collective LLC	IPP	Midwest Energy Community Solar Array	KS	59632	1036	1.0	Solar Photovoltaic	SUN	PV
2015	2	57391	Copper Mountain Solar 2, LLC	IPP	Copper Mountain Solar 2	NV	58017	PV05	30.0	Solar Photovoltaic	SUN	PV
2015	2	56615	First Solar Energy LLC	Electric Utility	Cibola	NM	59619	CBLA	7.6	Solar Photovoltaic	SUN	PV
2015	2	59458	Landfill Energy Systems Florida	IPP	Sarasota County LFGTE Facility	FL	59686	LESF1	1.6	Landfill Gas	LFG	IC
2015	2	59458	Landfill Energy Systems Florida	IPP	Sarasota County LFGTE Facility	FL	59686	LESF2	1.6	Landfill Gas	LFG	IC
2015	2	59458	Landfill Energy Systems Florida	IPP	Sarasota County LFGTE Facility	FL	59686	LESF3	1.6	Landfill Gas	LFG	IC
2015	2	59458	Landfill Energy Systems Florida	IPP	Sarasota County LFGTE Facility	FL	59686	LESF4	1.6	Landfill Gas	LFG	IC
2015	2	11208	Los Angeles Department of Water & Power	IPP	Forever 21 Retail, Inc.	CA	59651	W4161	4.6	Solar Photovoltaic	SUN	PV
2015	2	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS07	16.5	Other Natural Gas	NG	IC
2015	2	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS08	16.5	Other Natural Gas	NG	IC
2015	2	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS09	16.5	Other Natural Gas	NG	IC
2015	2	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS10	16.5	Other Natural Gas	NG	IC
2015	2	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS12	52.6	Solar Photovoltaic	SUN	PV
2015	2	59208	NRG Solar Las Vegas MB-1	Commercial	NRG Solar Las Vegas MB-1	NV	59430	MB-1	5.0	Solar Photovoltaic	SUN	PV
2015	2	34691	Ormat Nevada Inc	IPP	McGinness Hills	NV	57446	OEC21	12.0	Geothermal	GEO	BT
2015	2	34691	Ormat Nevada Inc	IPP	McGinness Hills	NV	57446	OEC22	12.0	Geothermal	GEO	BT
2015	2	34691	Ormat Nevada Inc	IPP	McGinness Hills	NV	57446	OEC23	6.0	Geothermal	GEO	BT
2015	2	59424	SSA Solar of NM 4, LLC	IPP	City of Truth or Consequences PV	NM	59653	COTC	1.9	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011D	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011E	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011F	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011G	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013D	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013E	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013F	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013G	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026D	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026E	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026F	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026G	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026H	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026I	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026J	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	SO26K	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	SO26L	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027D	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028D	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028E	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028F	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028G	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44D	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44E	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44F	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44G	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44H	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44I	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44J	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44K	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44L	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44M	0.5	Solar Photovoltaic	SUN	PV

Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 2015

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44N	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44O	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44P	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48A	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48B	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48C	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48D	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48E	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48F	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48G	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48H	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48I	0.5	Solar Photovoltaic	SUN	PV
2015	2	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48J	0.5	Solar Photovoltaic	SUN	PV
2015	2	59158	Wildwood Solar I, LLC	IPP	Wildwood Solar I, LLC	CA	59380	WLD1	19.5	Solar Photovoltaic	SUN	PV

NOTES:

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of capacity for some technologies such as solar photovoltaic generation.

Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators.

Descriptions for the Energy Source Codes and the Prime Mover Codes listed in the table can be found in the Technical Notes.

Table 6.4. Retired Utility Scale Generating Units by Operating Company, Plant, and Month, 2015

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2015	1	12986	Morton Salt Inc	Industrial	Morton Salt Rittman	OH	54335	GEN1	1.5	Conventional Steam Coal	BIT	ST
2015	1	19876	Virginia Electric & Power Co	Electric Utility	Chesapeake	VA	3803	3	156.0	Conventional Steam Coal	BIT	ST
2015	1	19876	Virginia Electric & Power Co	Electric Utility	Chesapeake	VA	3803	ST1	111.0	Conventional Steam Coal	BIT	ST
2015	1	19876	Virginia Electric & Power Co	Electric Utility	Chesapeake	VA	3803	ST2	111.0	Conventional Steam Coal	BIT	ST
2015	1	19876	Virginia Electric & Power Co	Electric Utility	Chesapeake	VA	3803	ST4	217.0	Conventional Steam Coal	BIT	ST

NOTES:

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of capacity for some technologies such as solar photovoltaic generation.

Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators.

Descriptions for the Energy Source Codes and the Prime Mover Codes listed in the table can be found in the Technical Notes.

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2015	3	59050	Alponquin Power Co	IPP	Alponquin SKIC20 Solar LLC	CA	59412	SK100	20.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	20.0
2015	3	59307	Ashley Solar Farm, LLC	IPP	Ashley Solar Farm	NC	59566	PV1	4.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.0
2015	3	59359	BHE Renewables, LLC	IPP	TX Jumbo Road Wind	TX	59621	JRWND	299.7	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation	299.7
2015	3	59346	Colton Solar Two, LLC	IPP	Colton Solar Two, LLC	CA	59598	CS002	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2015	3	57365	Consolidated Edison Solutions Inc	IPP	Port Richmond WWT Solar	NY	58647	1	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2015	3	58468	Dominion Renewable Energy	IPP	CID Solar, LLC	CA	59183	PV1	19.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	19.8
2015	3	5906	EDF Renewable Services Inc	IPP	City of Corcoran Solar	CA	59087	GEN 1	11.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	11.0
2015	3	5906	EDF Renewable Services Inc	IPP	Goose Lake Solar	CA	59086	GEN1	12.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	12.0
2015	3	5701	El Paso Electric Co	Electric Utility	Montana Power Station	TX	58562	GT-1	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	131.8
2015	3	5701	El Paso Electric Co	Electric Utility	Montana Power Station	TX	58562	GT-2	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	131.8
2015	3	56615	First Solar Energy LLC	IPP	Barilla Solar	TX	58710	BRLA	30.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	30.2
2015	3	6915	Galena Electric Utility	Electric Utility	Galena Electric Utility	AK	7437	2A	0.3	Petroleum Liquids	DFO	IC	(V) Under construction, more than 50 percent complete	0.5
2015	3	57104	Golden Springs Development Company LLC	IPP	Santa Fe Springs Rooftop Solar BLDG H	CA	58913	1	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.5
2015	3	57104	Golden Springs Development Company LLC	IPP	Santa Fe Springs Rooftop Solar BLDG M	CA	58912	1	1.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.8
2015	3	58865	Hoopeston Wind LLC	IPP	Hoopeston Wind LLC	IL	59021	HOO1	98.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	98.0
2015	3	59284	Kona Solar, LLC	IPP	Park Meridian #1	CA	59539	1	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.5
2015	3	59284	Kona Solar, LLC	IPP	Rancho Cucamonga Dist #1	CA	59540	2	1.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.8
2015	3	59284	Kona Solar, LLC	IPP	Terra Francesca	CA	59541	3	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.5
2015	3	10810	LAX Airport	Commercial	Central Utilities Plant LAX 2	CA	58258	GEN1	4.4	Natural Gas Fired Combustion Turbine	NG	GT	(TS) Construction complete, but not yet in commercial operation	4.6
2015	3	10810	LAX Airport	Commercial	Central Utilities Plant LAX 2	CA	58258	GEN2	4.4	Natural Gas Fired Combustion Turbine	NG	GT	(TS) Construction complete, but not yet in commercial operation	4.6
2015	3	58598	Mass Solar, LLC	IPP	Braley Road 2	MA	58680	PV1	2.7	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.7
2015	3	58598	Mass Solar, LLC	IPP	Freetown Solar	MA	58283	1	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2015	3	59358	REUT Origination, LLC	IPP	South Milford Solar Plant	UT	59620	SMS1	2.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.9
2015	3	58920	Redmon Solar Farm LLC	IPP	Redmon Solar Farm LLC	NC	59114	1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2015	3	58749	Rentech Nitrogen Pasadena LLC	Electric CHP	Rentech Nitrogen Pasadena Cogeneration	TX	58870	MG202	14.0	All Other	WH	ST	(TS) Construction complete, but not yet in commercial operation	15.4
2015	3	59202	SolNCPower1, LLC	IPP	Two Mile Solar	NC	59427	TMS1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	3	59519	TerraForm Solar XVII, LLC	IPP	BlueWave Capital - Grafton (SREC II)	MA	59752	1	1.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.6
2015	3	58361	Triton College	Commercial	Triton East and West Cogen	IL	58375	5	0.4	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	0.4
2015	3	59298	Vega Solar, LLC	IPP	Vega Solar	CA	59555	VEGA1	20.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	20.0
2015	3	59455	Venable Solar, LLC	IPP	Venable Solar 1	CA	58289	VNPV	1.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.5
2015	3	59455	Venable Solar, LLC	IPP	Venable Solar 2	CA	58290	VSPV	1.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.5
2015	3	59156	Wapsie Valley Creamery	Industrial	Wapsie Valley Creamery Back Up Generator	IA	59379	1	1.1	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete	1.4
2015	3	20542	Weyerhaeuser Co	Industrial	Flint River Operations	GA	50465	GEN2	25.0	Wood/Wood Waste Biomass	WDS	ST	(V) Under construction, more than 50 percent complete	38.5
2015	4	57369	Apple, Inc	Commercial	Ft. Churchill PV	NV	59472	NVC7	19.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	19.9
2015	4	58987	B&H Wind LLC	IPP	Beethoven Wind	SD	59187	B&H80	80.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	80.0
2015	4	59503	Capital Dynamics	IPP	Green Pastures Wind I	TX	59732	GP1	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	150.0
2015	4	19454	City of Unalaska - (AK)	Electric Utility	Dutch Harbor	AK	7502	12	3.7	Petroleum Liquids	DFO	IC	(V) Under construction, more than 50 percent complete	4.4
2015	4	58519	Clean Energy Collective LLC	IPP	Sunnyside Ranch Community Solar Array	CO	59742	HCE	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.5
2015	4	58748	Clean Energy LLC	Electric CHP	Reventure Park	NC	58865	RNG	1.6	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	1.6
2015	4	56769	Consolidated Edison Development Inc.	IPP	Corcoran Solar 2	CA	59413	C2CA	19.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	19.8
2015	4	59393	Coronal Lost Hills, LLC	CIP	Coronal Lost Hills	CA	59636	CLH	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	4	5089	Des Moines Metro WRF	Commercial	Des Moines Wastewater Reclamation Fac	IA	50932	72-04	1.4	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation	1.4
2015	4	5089	Des Moines Metro WRF	Commercial	Des Moines Wastewater Reclamation Fac	IA	50932	72-05	1.4	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation	1.4
2015	4	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0001	1.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	1.0
2015	4	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0002	1.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	1.0
2015	4	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0003	1.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	1.0
2015	4	58523	Enerdyne Power Systems Inc	IPP	Onslow Energy	NC	59036	GEN 1	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.5
2015	4	56615	First Solar Energy LLC	IPP	Lost Hills	CA	58711	BLKW	12.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	12.0
2015	4	56615	First Solar Energy LLC	IPP	Lost Hills	CA	58711	LTHL	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2015	4	58873	Green Energy Team LLC	IPP	Biomass to Energy Facility, Kauai	HI	59035	MKA1	8.3	Other Waste Biomass	AB	ST	(V) Under construction, more than 50 percent complete	9.3
2015	4	59486	Green Power Solutions of Georgia, LLC	IPP	Dublin Plant	GA	59718	TG1	25.0	Wood/Wood Waste Biomass	WDS	ST	(TS) Construction complete, but not yet in commercial operation	40.0
2015	4	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	CT1	155.7	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	181.9
2015	4	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	CT2	155.7	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	179.4
2015	4	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	ST1	129.6	Other Natural Gas	NG	ST	(V) Under construction, more than 50 percent complete	133.5
2015	4	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	ST2	129.6	Other Natural Gas	NG	ST	(V) Under construction, more than 50 percent complete	133.5
2015	4	59119	Los Vientos Windpower III, LLC	IPP	Los Vientos Windpower III	TX	59320	GEN1	2.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	2.0
2015	4	58822	MC Power Companies Inc	IPP	Macon Solar Power Project	MO	59729	MSF1	2.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.8
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS01	16.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS02	16.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS03	16.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS04	16.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS05	16.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS06	16.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	4	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS24	44.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	43.5
2015	4	12670	Missouri Jnt Muni.Pwr Elec. Utl. Comm.	Electric Utility	Fredericktown Energy Center	MO	57946	UNIT1	12.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	13.8
2015	4	12670	Missouri Jnt Muni.Pwr Elec. Utl. Comm.	Electric Utility	Fredericktown Energy Center	MO	57946	UNIT2	12.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	13.8
2015	4	14077	Oklahoma Municipal Power Authority	Electric Utility	Charles D. Lamb Energy Center	OK	58325	1	122.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	122.0
2015	4	59177	Petra Engineering	IPP	Loy Farm Solar	NC	59406	SYS1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2015	4	22142	Santa Cruz Cogeneration Assoc	Commercial	Univ of Calif Santa Cruz Cogeneration	CA	50064	003	4.4	Natural Gas Fired Combustion Turbine	NG	GT	(TS) Construction complete, but not yet in commercial operation	4.4
2015	4	59352	Soul City Solar	IPP	Soul City Solar	NC	59606	FLS1	3.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.5
2015	4	59131	Sumitomo Corporation of the Americas	IPP	Mesquite Creek Wind	TX	59332	MSCRK	211.2	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	211.2
2015	4	59457	Sun Harvest Solar, LLC	IPP	Sun Harvest Solar NDP1	CA	59687	NDP1	1.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	1.5
2015	4	58734	Sunfish Farm LLC	IPP	Sunfish Farm	NC	58864	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	4	59351	Vicksburg Solar	IPP	Vicksburg Solar	NC	59605	FLS1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	4	58919	Yanceyville Farm 2 LLC	IPP	Yanceyville Farm 2 LLC	NC	59113	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	4	59212	Adelanto II Solar, LLC	IPP	Adelanto II Solar, LLC	CA	59440	SAS	7.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	7.0
2015	4	59236	Alamo Solar, LLC	IPP	Alamo Solar	CA	59469	ALAMO	18.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	18.7
2015	5	40577	American Mun Power-Ohio, Inc	Electric Utility	Cannelton Hydroelectric Plant	KY	57399	CG1	29.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	29.3
2015	5	40577	American Mun Power-Ohio, Inc	Electric Utility	Cannelton Hydroelectric Plant	KY	57399	CG2	29.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	29.3
2015	5	40577	American Mun Power-Ohio, Inc	Electric Utility	Willow Island Hydroelectric Plant	WV	57401	WIG1	22.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	22.0
2015	5	59545	Colton Solar One, LLC	IPP	Colton Solar One, LLC	CA	59597	CS001	2.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.5
2015	5	56769	Consolidated Edison Development Inc.	IPP	Atwell Island West Solar	CA	59414	AWCA	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	5	5906	EDF Renewable Services Inc	IPP	Longhorn Wind	TX	58772	GEN1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2015	5	59380	Enel Green Power NA, Inc.	IPP	Osage Wind, LLC	OK	58683	1	150.4	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	150.4
2015	5	59407	FLS Solar 230 (Warren)	IPP	FLS Solar 230 (Warren)	NC	59646	FLS1		Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.8
2015	5	7349	Golden Spread Electric Cooperative, Inc	Electric Utility	Elk Station	TX	58835	ELK1	189.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	202.0
2015	5	49893	Invenergy Services LLC	IPP	Buckeye Wind Energy Center	KS	58767	1	25.9	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	25.9
2015	5	49893	Invenergy Services LLC	IPP	Buckeye Wind Energy Center	KS	58767	2	70.3	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	70.3
2015	5	49893	Invenergy Services LLC	IPP	Buckeye Wind Energy Center	KS	58767	3	105.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	105.5
2015	5	49893	Invenergy Services LLC	IPP	Wake Wind Energy Center	TX	58766	1	129.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	129.5
2015	5	49893	Invenergy Services LLC	IPP	Wake Wind Energy Center	TX	58766	2	109.2	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	109.2
2015	5	49893	Invenergy Services LLC	IPP	Wake Wind Energy Center	TX	58766	3	61.1	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	61.1
2015	5	10071	Kauai Island Utility Cooperative	Electric Utility	KRS I Anahola Solar	HI	58639	ANAPV	12.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	12.0
2015	5	59287	Laurel Capital Partners	IPP	DD Hay Road Solar 23 LLC	DE	59715	PV1	1.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2
2015	5	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	7	640.0	Natural Gas Fired Combined Cycle	NG	CC	(V) Under construction, more than 50 percent complete	691.0
2015	5	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS11	52.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	54.0
2015	5	59406	Mt. Olive Solar 1	IPP	Mt Olive Solar 1	NC	59645	FLS1		Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	5	59183	Shafter Solar LLC	IPP	Shafter Solar LLC	CA	59408	1	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2015	5	59199	SolNCPower2, LLC	IPP	GKS Solar	NC	59426	GKS1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	5	17445	Solid Waste Auth of Palm Beach	Electric Utility	Palm Beach Renewable Energy Facility#2	FL	57898	GEN2	85.0	Municipal Solid Waste	MSW	ST	(V) Under construction, more than 50 percent complete	96.0
2015	5	17626	Springer Electric Coop. Inc	Electric Utility	Springer Solar 1	NM	59560	SPRG1	0.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2015	5	59350	Stagecoach Solar	IPP	Stagecoach Solar	NC	59604	FLS1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2015	5	57355	Stephens Ranch Wind Energy LLC	IPP	Stephens Ranch Wind Energy LLC	TX	57983	2	165.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	165.0
2015	5	56641	Tonopah Solar Energy LLC	IPP	Crescent Dunes Solar Energy	NV	57275	TSE-1	110.0	Solar Thermal with Energy Storage	SUN	CP	(V) Under construction, more than 50 percent complete	125.0
2015	5	59349	Walters Solar (FLS 260)	IPP	Walters Solar (FLS 260)	NC	59603	FLS1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	5	58661	sPower	IPP	Sterlington Greenworks LLC	NY	59275	STERG	1.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.3

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2015	5	58661	sPower	IPP	Sutter Greeworks LLC	NY	59274	SUTTG	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	6	59353	AP North Lake I, LP	IPP	AP North Lake I, LP	CA	59610	APNL1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2015	6	40577	American Mun Power-Ohio, Inc	Electric Utility	Cannelton Hydroelectric Plant	KY	57399	CG3	29.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	29.3
2015	6	40577	American Mun Power-Ohio, Inc	Electric Utility	Willow Island Hydroelectric Plant	WV	57401	WIG2	22.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	22.0
2015	6	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58803	INV1	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	6	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58803	INV2	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	6	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58803	INV3	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	6	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58803	INV4	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	6	59476	BRE NC Solar, LLC	IPP	BRE	NC	59706	NB005	4.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	6	59251	Brigham Young Univ Idaho	Commercial	BYUI Central Energy Facility	ID	59496	ST601	4.6	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	5.6
2015	6	19856	City of Vineland - (NJ)	Electric Utility	Clayville	NJ	58235	1	63.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	73.0
2015	6	58862	DC Water	Electric CHP	DC Water CHP	DC	59012	TURB1	3.3	Other Waste Biomass	OBG	GT	(V) Under construction, more than 50 percent complete	4.7
2015	6	58862	DC Water	Electric CHP	DC Water CHP	DC	59012	TURB2	3.3	Other Waste Biomass	OBG	GT	(V) Under construction, more than 50 percent complete	4.7
2015	6	58862	DC Water	Electric CHP	DC Water CHP	DC	59012	TURB3	3.3	Other Waste Biomass	OBG	GT	(V) Under construction, more than 50 percent complete	4.7
2015	6	5906	EDF Renewable Services Inc	IPP	Catalina Solar 2, LLC	CA	59334	INV-1	18.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	18.0
2015	6	59276	ESA Four Oaks NC 1, LLC	IPP	4Oaks	NC	59534	4OAK5	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	6	59277	ESA Princeton NC, LLC	IPP	Princeton	NC	59533	PRCTN	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	6	58970	Ecoplexus, Inc	IPP	Benthall Bridge PV 1	NC	59515	BENT1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	6	58970	Ecoplexus, Inc	IPP	Bradley PV1	NC	59154	BRAD1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	6	58970	Ecoplexus, Inc	IPP	Flat Meeks PV 1	NC	59514	FLAT1	3.4	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.4
2015	6	58970	Ecoplexus, Inc	IPP	Little River PV 1	NC	59521	LTLRV	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	6	58970	Ecoplexus, Inc	IPP	Manning PV 1	NC	59520	MANN	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	6	58970	Ecoplexus, Inc	IPP	Old Catawba PV 1	NC	59519	OLDC	3.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.5
2015	6	59132	Faison Solar LLC	IPP	Faison Solar	NC	59333	FAIS1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2015	6	56615	First Solar Energy LLC	IPP	North Star Solar	CA	58713	NSTR	62.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	62.5
2015	6	56691	Garrison Energy Center LLC	IPP	Garrison Energy Center LLC	DE	57349	CTG1	183.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	235.0
2015	6	56691	Garrison Energy Center LLC	IPP	Garrison Energy Center LLC	DE	57349	STG2	126.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	126.0
2015	6	59433	Imperial Valley Solar Co (IVSC) 2, LLC	IPP	Imperial Valley Solar Co (IVSC) 2	CA	59657	IVSC2	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	6	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Crawfordsville Solar Park	IN	59483	SCRAW	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2015	6	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Peru Solar Park	IN	59481	SPERU	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2015	6	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Tell City Solar Park	IN	59482	STELL	1.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	1.0
2015	6	59354	LKL BLBD, LLC	IPP	LKL BLBD, LLC	FL	59611	LKLBB	6.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	6.0
2015	6	11208	Los Angeles Department of Water & Power	Electric Utility	Maclay Solar Project	CA	57308	1	2.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.2
2015	6	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS14	32.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	33.0
2015	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR1	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	71.2
2015	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR2	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	71.2
2015	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR3	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	71.2
2015	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR4	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	71.2
2015	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR5	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	71.2
2015	6	59279	Nitro Solar, LLC	IPP	Nitro Solar	NC	59501	NITRO	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	6	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	CTG-3	204.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	232.0
2015	6	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	CTG-4	204.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	232.0
2015	6	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	STG-2	309.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	339.2
2015	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	9A	122.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	122.0
2015	6	59146	Red Horse 2	IPP	Red Horse 2	AZ	58833	RH2S	51.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	51.0
2015	6	59146	Red Horse 2	IPP	Red Horse 2	AZ	58833	RH2W	30.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	30.0
2015	6	59042	Rising Tree Wind Farm III LLC	IPP	Rising Tree Wind Farm III	CA	59236	GEN1	99.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	99.0
2015	6	59278	Sarah Solar, LLC	IPP	Sarah Solar	NC	59500	SARAH	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	6	17164	Sierra Pacific Industries Inc	Industrial	SPI Anderson 2	CA	59658	GEN1	27.2	Wood/Wood Waste Biomass	WDS	ST	(V) Under construction, more than 50 percent complete	30.2
2015	6	58658	Sunlight Partners	IPP	Amethyst Solar	NC	58730	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	6	58658	Sunlight Partners	IPP	Audrey Solar	NC	58732	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	6	58658	Sunlight Partners	IPP	Charlotte Solar	NC	58722	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	6	58658	Sunlight Partners	IPP	Elliana Solar	NC	58725	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	6	58658	Sunlight Partners	IPP	Milo Solar	NC	58739	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	6	58658	Sunlight Partners	IPP	Minnie Solar	NC	58740	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	6	58658	Sunlight Partners	IPP	Sophie Solar	NC	58745	PV1	4.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.5
2015	6	18260	Surprise Valley Electrification	Electric Utility	Paisley Geothermal Generating Plant	OR	59382	SVEP1	1.8	Geothermal	GEO	ST	(TS) Construction complete, but not yet in commercial operation	3.7
2015	6	56918	University of California San Diego	Commercial	University of California San Diego	CA	57584	BS1	2.5	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	2.5
2015	6	58414	Victor Dry Farm Ranch	IPP	Victor Dry Farm Ranch A	CA	58418	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	6	58414	Victor Dry Farm Ranch	IPP	Victor Dry Farm Ranch B	CA	58419	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	6	20214	Waverly Municipal Elec Utility	Electric Utility	Waverly Municipal Electric North Plant	IA	6554	17	1.8	Petroleum Liquids	DFO	IC	(OA) Out of service but expected to return to service in next calendar year	1.8
2015	6	20214	Waverly Municipal Elec Utility	Electric Utility	Waverly Municipal Electric North Plant	IA	6554	18	1.8	Petroleum Liquids	DFO	IC	(OA) Out of service but expected to return to service in next calendar year	1.8
2015	6	20214	Waverly Municipal Elec Utility	Electric Utility	Waverly Municipal Electric North Plant	IA	6554	19	1.8	Petroleum Liquids	DFO	IC	(OA) Out of service but expected to return to service in next calendar year	1.8
2015	6	20214	Waverly Municipal Elec Utility	Electric Utility	Waverly Municipal Electric North Plant	IA	6554	20	1.8	Petroleum Liquids	DFO	IC	(OA) Out of service but expected to return to service in next calendar year	1.8
2015	6	58661	sPower	IPP	Hayworth Solar	CA	59009	PV1	27.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	27.0
2015	6	58661	sPower	IPP	Leavenworth Greenworks LLC	NY	59276	LEAVG	9.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	9.5
2015	6	58661	sPower	IPP	Redcrest Solar Farm	CA	58831	PV-1	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	6	58661	sPower	IPP	SEPV Palmdale East	CA	59273	PALME	10.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	10.0
2015	6	58661	sPower	IPP	Sierra Solar Greenworks	CA	59431	SSG1	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	7	7977	City of Hamilton - (OH)	Electric Utility	Meldahl Hydroelectric Project	KY	56872	1	35.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	35.0
2015	7	4161	Constellation Power Source Gen	IPP	Perryman	MD	1556	GT6	109.8	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	141.0
2015	7	59381	EE Kettleman California LLC	IPP	Kettleman Solar -Centaurus	CA	59633	KS	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2015	7	58970	Ecoplexus, Inc	IPP	Baker PV 1	NC	59517	BAKE1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	7	58970	Ecoplexus, Inc	IPP	Thornton PV1	NC	59152	THOR1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	7	59155	First Wind O&M, LLC	IPP	Greenville Solar Plant	UT	58603	GVSP1	2.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.2
2015	7	59304	Foxfire Farm, LLC	IPP	Foxfire Solar Farm	NC	59563	PV1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	7	11208	Los Angeles Department of Water & Power	Electric Utility	Van Norman Bypass Solar Project	CA	57307	1	3.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.4
2015	7	59341	Maricopa West Solar PV, LLC	IPP	Maricopa West Solar	CA	59607	MW5	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2015	7	59321	Millikan Farm, LLC	IPP	Millikan Farm	NC	59576	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	7	57457	Newark Energy Center, LLC	IPP	Newark Energy Center	NJ	58079	GT-1	200.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	225.0
2015	7	57457	Newark Energy Center, LLC	IPP	Newark Energy Center	NJ	58079	GT-2	200.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	225.0
2015	7	57457	Newark Energy Center, LLC	IPP	Newark Energy Center	NJ	58079	STG-1	285.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	285.0
2015	7	59222	Qualcomm Incorporated	Commercial	P Plant	CA	59456	P-TG5	4.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	4.6
2015	7	59336	Schell Solar Farm, LLC	IPP	Schell Solar Farm	NC	59591	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	7	17609	Southern California Edison Co	Electric Utility	Tehachapi Energy Storage Project	CA	59661	TSP1	8.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	8.0
2015	7	59340	Stikeleather Farm, LLC	IPP	Stikeleather Farm	NC	59595	PV1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	7	59332	Yadkin 601 Farm, LLC	IPP	Yadkin 601 Farm	NC	59587	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	8	803	Arizona Public Service Co	Electric Utility	City of Phoenix	AZ	59444	PV1		Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	10.0
2015	8	58770	Balko Wind LLC	IPP	Balko Wind LLC	OK	58900	BAL1	299.7	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	299.7
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 1	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 2	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 3	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 5	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 6	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 7	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 8	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN 9	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN10	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN11	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN12	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN4	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN1	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN10	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2015	8	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN11	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN12	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN2	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN3	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN4	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN5	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN6	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN7	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN8	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	58877	Blue Heron Hydro LLC	IPP	Townshend Hydro	VT	59089	GEN9	0.1	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	20069	City of Wamego - (KS)	Electric Utility	Wamego	KS	1328	10	2.9	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete	3.2
2015	8	59206	Downs Farm Solar, LLC	IPP	Downs Farm Solar	NC	59429	DOWN1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	8	59155	First Wind O&M, LLC	IPP	Beryl Solar Plant	UT	58598	BSP1	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	8	59155	First Wind O&M, LLC	IPP	Buckhorn Solar Plant	UT	58600	BSP1	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	8	59155	First Wind O&M, LLC	IPP	Cedar Valley Solar Plant	UT	58599	CVSP1	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	8	59155	First Wind O&M, LLC	IPP	Granite Peak Solar Plant	UT	58604	GPSP1	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	8	59155	First Wind O&M, LLC	IPP	Laho Solar Plant	UT	58602	LSP1	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	8	59155	First Wind O&M, LLC	IPP	Milford Flat Solar Plant	UT	58601	MFSP1	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	8	59155	First Wind O&M, LLC	IPP	Route 66 Wind Plant	TX	58681	RT661	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	150.0
2015	8	49893	Invenergy Services LLC	IPP	Ector County Energy Center	TX	58471	CTG1	163.3	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	173.0
2015	8	49893	Invenergy Services LLC	IPP	Ector County Energy Center	TX	58471	CTG2	163.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	173.0
2015	8	12320	Merck & Co Inc	Industrial	Elkton	VA	52148	GEN3	1.0	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	1.0
2015	8	12320	Merck & Co Inc	Industrial	Elkton	VA	52148	GEN4	0.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	0.2
2015	8	58638	NGP Lenape Solar II, LLC	IPP	Lenape II	IN	58703	1	4.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.0
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG1	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG10	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG2	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG3	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG4	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG5	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG6	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG7	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG8	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	40229	Old Dominion Electric Coop	Electric Utility	Monterey Diesel Generation Facility	VA	59614	MDG9	0.6	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.6
2015	8	55931	Orion Energy Group LLC	IPP	Pilot Hill Wind Farm	IL	58898	K4-1	175.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	175.0
2015	8	58872	Shannon Wind LLC	IPP	Shannon Wind	TX	59034	SHAN1	204.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	204.0
2015	8	56334	WEHRAN Energy Corporation	IPP	Brookhaven Facility	NY	55778	BH5	0.5	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	0.5
2015	8	56334	WEHRAN Energy Corporation	IPP	Brookhaven Facility	NY	55778	BH6	0.5	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	0.5
2015	8	58716	Windsor Cooper Hill Solar, LLC	IPP	Windsor Cooper Hill Solar, LLC	NC	58847	1	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2015	8	59330	Wommack Farm, LLC	IPP	Wommack Farm	NC	59585	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	8	58661	sPower	IPP	Woodmere Solar Farm	CA	59008	PV1	15.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	15.0
2015	9	59211	Adelanto I Solar, LLC	IPP	Adelanto I Solar, LLC	CA	59441	SAS	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	9	58981	Bethel Solar LLC	IPP	Bethel Solar	NC	59173	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	9	7977	City of Hamilton - (OH)	Electric Utility	Meldahl Hydroelectric Project	KY	56872	2	35.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	35.0
2015	9	57365	Consolidated Edison Solutions Inc	IPP	Future Generation Wind	MA	59622	FGMA	7.9	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	8.0
2015	9	59481	Franklinton Solar LLC	IPP	Franklinton Solar	NC	59736	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	9	57389	IKEA Property Inc	Commercial	IKEA St. Louis 410	MO	59714	IK410	1.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.0
2015	9	50123	Infigen Asset Management LLC	IPP	Rio Bravo Solar 1 LLC	CA	59249	PV1	19.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2015	9	50123	Infigen Asset Management LLC	IPP	Wildwood Solar II	CA	59253	PV1	14.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	15.0
2015	9	58985	Marion Solar LLC	IPP	Belmont	IN	59172	PV1	3.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.8
2015	9	58985	Marion Solar LLC	IPP	Marion Solar LNG	IN	59180	PV1	1.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	1.5
2015	9	56990	NJR Clean Energy Ventures Corporation	IPP	Hanover	NJ	59628	HNOVR	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	9	56990	NJR Clean Energy Ventures Corporation	IPP	Harmony	NJ	59627	HRMNY	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	9	58609	OwnEnergy Inc	IPP	Alexander Wind Farm LLC	KS	58666	1	48.3	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	48.3
2015	9	56855	Performance Services	IPP	Purdue Energy Park	IN	57518	1	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	9	15477	Public Service Elec & Gas Co	Electric Utility	L&D Landfill Solar	NJ	59601	L&D	10.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	10.0
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN1	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN2	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN3	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN4	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN5	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	9	58565	Saddleback Ridge Wind, LLC	IPP	Saddleback Ridge Wind Farm	ME	58608	SRW1	34.2	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	34.2
2015	9	54842	WM Renewable Energy LLC	IPP	Waste Management Tri-Cities LFGTE	CA	57164	GEN1	1.6	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.6
2015	9	54842	WM Renewable Energy LLC	IPP	Waste Management Tri-Cities LFGTE	CA	57164	GEN2	1.6	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.6
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN 6	40.0	Wood/Wood Waste Biomass	BLQ	ST	(U) Under construction, less than or equal to 50 percent complete	40.0
2015	10	59503	Capital Dynamics	IPP	Briscoe Wind Farm	TX	59734	BFW	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	150.0
2015	10	59503	Capital Dynamics	IPP	Green Pastures Wind II	TX	59733	GPII	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	150.0
2015	10	58970	Ecoplexus, Inc	IPP	Shawboro PV1	NC	59155	SHAW1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2015	10	58962	Fair Wind Power Partners	IPP	Fair Wind Power	MD	59147	1	30.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	30.0
2015	10	59155	First Wind O&M, LLC	IPP	Oakfield Wind Project	ME	57002	1	148.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	148.0
2015	10	26253	Louisiana Energy & Power Authority	Electric Utility	LEPA Unit No. 1	LA	59478	LEPA1	59.0	Natural Gas Fired Combined Cycle	NG	CC	(V) Under construction, more than 50 percent complete	64.0
2015	10	12341	MidAmerican Energy Co	Electric Utility	Adams Wind	IA	59637	ADWF	154.3	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	154.3
2015	10	59325	North Siler Farm, LLC	IPP	North Siler Farm	NC	59580	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	10	13781	Northern States Power Co - Minnesota	Electric Utility	Border Winds Wind Farm	ND	59200	1	150.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	150.0
2015	10	13781	Northern States Power Co - Minnesota	Electric Utility	Pleasant Valley Wind Farm	MN	59201	1	200.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	200.0
2015	10	59143	Old Mill Solar	IPP	Old Mill Solar	OR	59374	OMSLR	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	10	58589	Orbit Energy Charlotte	IPP	Orbit Energy Charlotte	NC	58638	1	5.2	Other Waste Biomass	OBG	ST	(U) Under construction, less than or equal to 50 percent complete	5.2
2015	10	56545	Pattern Operators LP	IPP	Logans Gap Wind LLC	TX	59442	1	200.1	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.1
2015	10	59428	Sendero Wind Energy, LLC	IPP	Sendero Wind Energy	TX	59654	1	78.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	78.0
2015	10	58814	Sibley Wind Substation LLC	IPP	Sibley Wind	MN	58950	SW-1	19.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	19.5
2015	10	58826	Thunder Spirit Wind, LLC	IPP	Thunder Spirit Wind, LLC	ND	58965	THUDR	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	150.0
2015	11	57369	Apple, Inc	Commercial	Apple Data Center PV3	NC	59474	DCPV3	17.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	17.5
2015	11	59480	Aulander Solar LLC	IPP	Aulander Solar	NC	59707	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	11	58662	Blue Mountain Power Partners	IPP	Blue Mountain Wind Farm	UT	58764	BMI1	80.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	80.0
2015	11	58508	Carolina Solar Energy II LLC	IPP	Green Farm	NC	59148	GREEN	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	11	58508	Carolina Solar Energy II LLC	IPP	Simons Farm	NC	59149	SIMON	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	11	7977	City of Hamilton - (OH)	Electric Utility	Meldahl Hydroelectric Project	KY	56872	3	35.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	35.0
2015	11	11268	City of Lowell - (MI)	Electric Utility	Chatham	MI	58254	CT02R	3.2	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	3.6
2015	11	58468	Dominion Renewable Energy	IPP	Pavant Solar, LLC	UT	59702	1	50.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	50.0
2015	11	5906	EDF Renewable Services Inc	IPP	Roosevelt County	NM	58771	GEN1	250.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	250.0
2015	11	49932	Enel North America, Inc.	IPP	Goodwell Wind Project LLC	OK	58998	GWWP	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2015	11	59155	First Wind O&M, LLC	IPP	South Plains Wind Phase I	TX	59384	1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2015	11	58891	Jericho Power LLC	IPP	Jericho Power	NH	59070	WT 1	12.1	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	14.3
2015	11	59227	Kay Wind, LLC	IPP	Kay Wind, LLC	OK	59460	KNG1	299.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	299.0
2015	11	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN1	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	11	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN2	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	11	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN3	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	11	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN4	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	11	58653	Oxbow Creek Energy LLC	IPP	Oxbow Creek	PA	58714	GEN5	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2015	11	59274	SR Hazlehurst, LLC	IPP	SR Hazlehurst	GA	59535	HAZLE	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2015	11	58930	Tantgent Energy Solutions	IPP	DD Fayetteville Solar NC LLC	NC	59117	PV1	23.1	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	23.1
2015	11	54906	Tradewind Energy, Inc.	IPP	Breckinridge Wind Project LLC	OK	58994	BWP	98.8	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	98.8
2015	11	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-1	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	11	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-2	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	11	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-3	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	11	58984	Winton Solar LLC	IPP	Winton Solar	NC	59177	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2015	11	58982	Woodland Solar LLC	IPP	Woodland Solar	NC	59175	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	11	58661	sPower	IPP	SEPV 18	CA	59730	SPV18	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2015	12	58703	Apple One LLC	IPP	Apple One	NC	58828	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59039	Arbuckle Mountain Wind Farm LLC	IPP	Arbuckle Mountain Wind Farm LLC	OK	59234	GEN1	100.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	100.0
2015	12	58680	Ayrshire Holdings, LLC	IPP	Ayrshire	NC	58792	PV1	19.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	19.4
2015	12	59247	Bearford Solar II LLC	IPP	Bearford Solar II	NC	59488	BEARF	4.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.9
2015	12	58625	Black Oak Wind, LLC	IPP	Black Oak Wind Farm	MN	58692	1	42.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	42.0
2015	12	58562	Blueberry One, LLC	IPP	Blueberry One	NC	58605	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59315	Bradley Farm LLC	IPP	Bradley Farm	NC	59568	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	57260	CSOLAR IV West LLC	IPP	Imperial Solar Energy Center West	CA	57491	56819	148.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	148.7
2015	12	59006	Calypso Farm LLC	IPP	Calypso Farm	NC	59212	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58939	Cameron Wind 1 LLC	IPP	Cameron Wind 1 LLC	TX	59118	CAM1	164.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	164.0
2015	12	59427	Campbell County Wind Farm	IPP	Campbell County Wind Farm	SD	59655	CCWF1	97.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	97.8
2015	12	59007	Clipperton Holdings LLC	IPP	Clipperton Holdings	NC	59213	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59261	Colonial Eagle Solar, LLC	IPP	Kelford	NC	59527	KELF1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2015	12	59261	Colonial Eagle Solar, LLC	IPP	Whitakers	NC	59526	WHIT1	12.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	12.0
2015	12	56523	Colorado Highlands Wind LLC	IPP	Colorado Highlands Wind	CO	57174	CHW3	19.7	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	19.7
2015	12	58695	Coronal Development Services	IPP	Cornwall Solar Center, LLC	NC	59663	CSC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	58695	Coronal Development Services	IPP	Elm City Solar Facility	NC	59164	NSC 1	40.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	40.0
2015	12	58695	Coronal Development Services	IPP	Harrell's Hill Solar Center LLC	NC	59337	HHS1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	58695	Coronal Development Services	IPP	Highland Solar Center LLC	NC	59163	HSC 1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	58695	Coronal Development Services	IPP	Holdrege Solar Center	NE	59713	HDSC	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2015	12	58695	Coronal Development Services	IPP	Lake Solar Center LLC	NC	59161	LSC 1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	58695	Coronal Development Services	IPP	Littlefield Solar Center LLC	NC	58809	LSC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	58695	Coronal Development Services	IPP	Mariposa Solar Center LLC	NC	59162	MSC 1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	58695	Coronal Development Services	IPP	Mason Solar Center LLC	NC	59165	MSC 1	15.3	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	15.3
2015	12	59464	Current Energy Group	IPP	Aspen Solar, LLC	NC	59694	GEN1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	58468	Dominion Renewable Energy	IPP	Marin Carport	CA	59703	1	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2015	12	56215	E ON Climate Renewables N America LLC	IPP	Drift Sand Wind Project LLC	OK	59065	WT1	109.8	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	109.8
2015	12	58970	Ecoplexus, Inc	IPP	American Legion PV 1	NC	59516	AMLEG	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2015	12	58970	Ecoplexus, Inc	IPP	Grandy PV 1	NC	59518	GRAND	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2015	12	58970	Ecoplexus, Inc	IPP	Meadows PV 1	NC	59513	MEAD1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2015	12	57414	Eli Lilly and Company	Industrial	Lilly Technical Center	IN	58043	5	1.0	All Other	PUR	ST	(OT) Other	1.0
2015	12	49932	Enel North America, Inc.	IPP	Little Elk Wind Project LLC	OK	58999	LEWP	74.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	74.0
2015	12	49932	Enel North America, Inc.	IPP	Odell Wind Farm	MN	58657	1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2015	12	59001	Faison Farm LLC	IPP	Faison Farm	NC	59208	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	56625	Flat Water Wind Farm LLC	IPP	Flat Water Wind Farm LLC	NE	57283	WTG2	10.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	10.5
2015	12	59002	Garland Farm LLC	IPP	Garland Farm	NC	59209	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59008	Guernsey Holdings LLC	IPP	Guernsey Holdings	NC	59214	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	19547	Hawaiian Electric Co Inc	Electric Utility	HNL Emergency Power Facility	HI	58469	AP1	2.5	Other Waste Biomass	OBL	IC	(V) Under construction, more than 50 percent complete	2.5
2015	12	19547	Hawaiian Electric Co Inc	Electric Utility	HNL Emergency Power Facility	HI	58469	AP2	2.5	Other Waste Biomass	OBL	IC	(V) Under construction, more than 50 percent complete	2.5
2015	12	19547	Hawaiian Electric Co Inc	Electric Utility	HNL Emergency Power Facility	HI	58469	AP3	2.5	Other Waste Biomass	OBL	IC	(V) Under construction, more than 50 percent complete	2.5
2015	12	19547	Hawaiian Electric Co Inc	Electric Utility	HNL Emergency Power Facility	HI	58469	AP4	2.5	Other Waste Biomass	OBL	IC	(V) Under construction, more than 50 percent complete	2.5
2015	12	59009	Hereford Holdings LLC	IPP	Hereford Holdings	NC	59215	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59246	Highwater Solar I	IPP	Highwater Solar I	NC	59487	HIGHW	4.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.9
2015	12	59000	Holger Holdings LLC	IPP	Holger Holdings	NC	59218	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58576	Holstein Holdings, LLC	IPP	Holstein Plant	NC	58623	PV1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2015	12	15399	Iberdrola Renewables Inc	IPP	El Cabo Wind	NM	58098	1	298.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	298.0
2015	12	59285	Innovative Solar 6, LLC	IPP	Innovative Solar 6	NC	59542	IS6	3.6	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.6
2015	12	59003	Jackson Solar Farm LLC	IPP	Jackson Solar Farm	NC	59210	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	56911	Kalaeloa Solar One LLC	IPP	Kalaeloa Solar One	HI	57569	KS1-A	3.0	Solar Thermal with Energy Storage	SUN	CP	(L) Regulatory approvals pending. Not under construction	3.0
2015	12	56911	Kalaeloa Solar One LLC	IPP	Kalaeloa Solar One	HI	57569	KS1-B	3.0	Solar Thermal with Energy Storage	SUN	CP	(L) Regulatory approvals pending. Not under construction	3.0
2015	12	58773	Kingfisher Wind LLC	IPP	Kingfisher Wind LLC	OK	58902	KNG1	300.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	300.0
2015	12	58679	Kirkwall Holdings, LLC	IPP	Kirkwall Holdings	NC	58791	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59355	LKL Kingfisher, LLC	IPP	LKL Kingfisher, LLC	FL	59612	LKLKF	6.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	6.0
2015	12	59245	Lanier Solar	IPP	Lanier Solar	NC	59486	LANIE	4.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.9
2015	12	58673	Longhorn Holdings, LLC	IPP	Longhorn Holdings	NC	58781	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	4	212.2	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	212.2
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	5	118.9	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	118.9
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	6	89.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	89.0
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	7	89.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	89.0
2015	12	59343	Maricopa East Solar PV, LLC	IPP	Maricopa East Solar	CA	59609	MES	18.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	18.0
2015	12	11664	Mark Technologies Corp	IPP	Alta Mesa Project Phase IV	CA	55352	GEN1	40.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	40.0
2015	12	58895	Marshall Wind Energy LLC	IPP	Marshall Wind Farm	KS	59084	RPMA	73.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	73.8
2015	12	59027	Michelangelo Wind 4 LLC	IPP	Michelangelo Wind 4 LLC	IA	59232	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	12	12341	MidAmerican Energy Co	Electric Utility	Highland Wind Project (IA)	IA	58883	HLWF	502.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	502.0
2015	12	12341	MidAmerican Energy Co	Electric Utility	Highland Wind Project (IA)	IA	58883	HLWF2	7.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	7.0
2015	12	59262	NRG Solar Oasis, LLC	IPP	NRG Solar Oasis LLC	CA	59528	OASIS	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2015	12	58718	Na Pua Makani Power Partners LLC	IPP	Na Pua Makani Wind Project	HI	58837	WT1	25.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	25.0
2015	12	57470	Noble Energy Systems, Inc.	IPP	Pea Patch Wind Farm	MD	58087	PEAP	50.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	50.0
2015	12	55869	Noble Wind Operations LLC	IPP	Noble Bellmont Windpark LLC	NY	56903	1	21.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	21.0
2015	12	58477	O2energies, Inc.	IPP	Gates Solar LLC	NC	58673	GATES	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	58477	O2energies, Inc.	IPP	Montgomery Solar LLC	NC	58649	1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2015	12	58417	Panda Liberty O&M LLC	IPP	Panda Liberty Generation Plant	PA	58420	GEN1	382.5	Natural Gas Fired Combined Cycle	NG	CC	(V) Under construction, more than 50 percent complete	435.0
2015	12	59016	Passadumkeag Windpark LLC	IPP	Passadumkeag Windpark LLC	ME	59222	Q357	39.9	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	39.9
2015	12	56545	Pattern Operators LP	IPP	Fowler Ridge IV Wind Farm LLC	IN	59547	1	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	150.0
2015	12	59188	Pleasant Hill Wind Energy LLC	IPP	Pleasant Hill Wind Energy Project	TX	59417	WT1	20.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	20.0
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	5	173.4	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	185.3
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	6	173.4	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	185.3
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	7	241.4	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	255.0
2015	12	59514	River Mountains Solar, LLC	IPP	River Mountains Solar	NV	59747	1	23.4	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	18.0
2015	12	58674	Sonne One, LLC	IPP	Sonne One	NC	58782	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58704	Sonne Two LLC	IPP	Sonne Two	NC	58829	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59318	Soy Solar LLC	IPP	Soy Solar	NC	59571	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Andrew Solar	NC	59497	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Angel Solar	NC	58731	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	12	58658	Sunlight Partners	IPP	Austin Solar	NC	58733	PV1	2.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.0
2015	12	58658	Sunlight Partners	IPP	Beetle Solar	NC	59511	PV1	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2015	12	58658	Sunlight Partners	IPP	Buddy Solar	NC	58735	PV1	4.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.0
2015	12	58658	Sunlight Partners	IPP	Candace Solar	NC	59499	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Carol Jean Solar	NC	59017	GEN 1	4.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.0
2015	12	58658	Sunlight Partners	IPP	Chei Solar	NC	59508	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Duck Solar	NC	58724	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	12	58658	Sunlight Partners	IPP	Flash Solar	NC	58726	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	12	58658	Sunlight Partners	IPP	Happy Solar	NC	59512	PV1	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2015	12	58658	Sunlight Partners	IPP	Hawkins Solar	NC	58727	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	12	58658	Sunlight Partners	IPP	Husky Solar	NC	59510	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Jacob Solar	NC	59503	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Kenneth Solar	NC	59507	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	12	58658	Sunlight Partners	IPP	Maverick Solar	NC	59016	GEN 1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.0
2015	12	58658	Sunlight Partners	IPP	Melinda Solar	NC	59502	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Murdock Solar	NC	59509	PV1	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2015	12	58658	Sunlight Partners	IPP	Owen Solar	NC	58742	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	12	58658	Sunlight Partners	IPP	Porter Solar	NC	59504	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Quincy Solar	NC	59506	PV1	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2015	12	58658	Sunlight Partners	IPP	Shadow Solar	NC	58744	PV1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.0

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2015	12	58658	Sunlight Partners	IPP	Star Solar	NC	58746	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	12	58658	Sunlight Partners	IPP	Sun Devil Solar	NC	59505	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58658	Sunlight Partners	IPP	Tracy Solar	NC	59498	PV1	10.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	10.0
2015	12	18642	Tennessee Valley Authority	Electric Utility	Watts Bar Nuclear Plant	TN	7722	2	1,122.0	Nuclear	NUC	ST	(V) Under construction, more than 50 percent complete	1,269.9
2015	12	59011	Tiburon Holdings	IPP	Tiburon Holdings	NC	59217	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	54906	Tradewind Energy, Inc.	IPP	Decatur County Solar Project	GA	59449	DCSP1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2015	12	54906	Tradewind Energy, Inc.	IPP	Decatur Parkway Solar Project, LLC	GA	59450	DPSP1	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2015	12	59056	Tri Global Energy, LLC	IPP	Fiber Winds	TX	59244	FIBE1	80.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	80.0
2015	12	58796	Trishe Wind Colorado	IPP	Trishe Wind Colorado	CO	58928	1	30.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	30.0
2015	12	56633	Trishe Wind Minnesota	IPP	Trishe Wind Minnesota	MN	57255	1	40.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	40.0
2015	12	59098	Trishe Wind Ohio LLC	IPP	Trishe Wind Ohio LLC	OH	59296	NWOH1	100.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	100.0
2015	12	59098	Trishe Wind Ohio LLC	IPP	Trishe Wind Ohio LLC	OH	59296	NWOH2	150.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	150.0
2015	12	58602	Utah Red Hills Renewable Energy Park LLC	IPP	Utah Red Hills Renewable Energy Park	UT	58660	1	80.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	80.0
2015	12	59116	WED Coventry Five, LLC	IPP	WED Coventry 5	RI	59313	COV5	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	1.5
2015	12	59108	WED Coventry Four, LLC	IPP	WED Coventry 4	RI	59306	WEDC4	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	1.5
2015	12	59105	WED Coventry One, LLC	IPP	WED Coventry 1	RI	59301	WEDC1	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	1.5
2015	12	59117	WED Coventry Six, LLC	IPP	WED Coventry 6	RI	59314	COV6	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	1.5
2015	12	59117	WED Coventry Six, LLC	IPP	WED Coventry 6	RI	59314	COV6A	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	1.5
2015	12	59117	WED Coventry Six, LLC	IPP	WED Coventry 6	RI	59314	COV6B	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	1.5
2015	12	59107	WED Coventry Three, LLC	IPP	WED Coventry 3	RI	59305	WEDC3	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	1.5
2015	12	59106	WED Coventry Two, LLC	IPP	WED Coventry 2	RI	59302	COV2	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	1.5
2015	12	59106	WED Coventry Two, LLC	IPP	WED Coventry 2	RI	59302	COV2A	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	1.5
2015	12	59106	WED Coventry Two, LLC	IPP	WED Coventry 2	RI	59302	COV2B	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	1.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-1	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-2	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-3	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-4	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-5	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-6	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-7	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-8	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-9	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV10	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	56948	Waverly Wind Farm LLC	IPP	Waverly Wind Farm LLC	KS	57614	GEN1	199.5	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	199.5
2015	12	58761	White Camp Solar LLC	IPP	White Camp Solar	TX	58888	WCAMP	100.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	100.0
2015	12	58661	sPower	IPP	Aspiration G	CA	59737	ASPRG	9.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	9.0
2015	12	58661	sPower	IPP	Citizen B	CA	59738	CSB	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58661	sPower	IPP	Lancaster Western Antelope Dry Ranch B	CA	59739	LWAD8	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58661	sPower	IPP	SEPV Mojave West	CA	59740	SPVMW	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2015	12	58661	sPower	IPP	Sandstone Solar	AZ	59634	SNDST	45.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	45.0
2016	1	59474	BQ Energy LLC	IPP	Steel Sun	NY	59705	SSUN2	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN01	3.4	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN02	3.4	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN03	3.4	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN04	3.4	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN05	3.4	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN06	3.4	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN07	3.4	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	3.4
2016	1	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57839	CT001	240.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	240.0
2016	1	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57839	CT002	240.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	240.0
2016	1	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57839	ST001	315.0	Natural Gas Fired Combined Cycle	NG	CA	(U) Under construction, less than or equal to 50 percent complete	315.0
2016	1	4180	Connecticut Mun Elec Engy Coop	Electric Utility	Subase Microgrid Project	CT	59701	SMP1	2.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete	2.0
2016	1	4180	Connecticut Mun Elec Engy Coop	Electric Utility	Subase Microgrid Project	CT	59701	SMP2	2.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete	2.0
2016	1	4180	Connecticut Mun Elec Engy Coop	Electric Utility	Subase Microgrid Project	CT	59701	SMP3	2.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete	2.0
2016	1	4180	Connecticut Mun Elec Engy Coop	Electric Utility	Subase Microgrid Project	CT	59701	SMP4	2.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete	2.0
2016	1	58880	Gallegos Wind Farm LLC	IPP	Gallegos Wind Farm, Phase 1	NM	59047	GEN 1	180.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	180.0
2016	1	4361	Ingredion Inc - Stockton	Industrial	Ingredion Stockton	CA	52115	GEN2	6.5	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	7.2
2016	1	58606	Mauka Fit One LLC	IPP	Mauka FIT One	HI	58662	3501	3.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.5
2016	1	59322	Misenheimer Farm, LLC	IPP	Misenheimer Farm	NC	59577	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2016	1	59334	Rutherford Farm, LLC	IPP	Rutherford Farm	NC	59589	PV1	61.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	61.0
2016	1	59138	SunPower Corporation, Systems	IPP	Quinto Solar PV Project	CA	59339	SSC13	105.1	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	108.0
2016	2	58897	TOSM 8me LLC	IPP	Calipatria Solar Farm	CA	59088	GEN 1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2016	2	59259	Blackwell Solar Park, LLC	IPP	Blackwell Solar Park	CA	59524	FRBSP	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2016	2	58815	KDC Solar RTC LLC	IPP	Delilah Road Landfill	NJ	58951	DRLS	9.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	9.0
2016	2	59022	Leonardo Wind 1 LLC	IPP	Leonardo Wind 1 LLC	IA	59228	WT1	3.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	3.0
2016	2	59023	Leonardo Wind 3 LLC	IPP	Leonardo Wind 3 LLC	IA	59229	WT1	3.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	3.0
2016	2	59026	Michelangelo Wind 1 LLC	IPP	Michelangelo Wind 1 LLC	IA	59231	WT1	3.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	3.0
2016	2	58887	Michelangelo Wind 3 LLC	IPP	Michelangelo Wind 3 LLC	IA	59053	WT1	3.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	3.0
2016	2	12524	Midwest Energy Inc	Electric Utility	Goodman Energy Center	KS	56497	10	9.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	2	12524	Midwest Energy Inc	Electric Utility	Goodman Energy Center	KS	56497	11	9.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	2	12524	Midwest Energy Inc	Electric Utility	Goodman Energy Center	KS	56497	12	9.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	2	59025	Optimum Wind 3 LLC	IPP	Optimum Wind 3 LLC	IA	59227	WT1	3.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	3.0
2016	2	59024	Optimum Wind 4 LLC	IPP	Optimum Wind 4 LLC	IA	59226	WT1	3.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	3.0
2016	2	59017	Optimum Wind 5 LLC	IPP	Optimum Wind 5 LLC	IA	59223	WT1	3.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	3.0
2016	2	59018	Optimum Wind 6 LLC	IPP	Optimum Wind 6 LLC	IA	59224	WT1	3.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	3.0
2016	2	59019	Optimum Wind 7 LLC	IPP	Optimum Wind 7 LLC	IA	59225	WT1	3.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	3.0
2016	2	58417	Panda Liberty O&M LLC	IPP	Panda Liberty Generation Plant	PA	58420	GEN2	382.5	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	435.0
2016	2	59491	Seville Solar One LLC	IPP	Seville 1	CA	59722	SEV1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2016	2	59021	Venus Wind 3 LLC	IPP	Venus Wind 3 LLC	IA	59230	WT1	3.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	3.0
2016	3	57277	Hidden Hills Solar I LLC	IPP	Hidden Hills Solar Plant 1	CA	57905	1	250.0	Solar Thermal without Energy Storage	SUN	ST	(L) Regulatory approvals pending. Not under construction	250.0
2016	3	58694	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58694	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58694	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58694	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58694	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	9436	Mosaic Phosphates Co.	Industrial	Mosaic Phosphates Uncle Sam	LA	10198	GEN3	15.0	All Other	OTH	ST	(L) Regulatory approvals pending. Not under construction	15.0
2016	3	58421	Panda Patriot O&M LLC	IPP	Panda Patriot Generation Plant	PA	58426	GEN1	382.5	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	435.0
2016	3	15473	Public Service Co of NM	Electric Utility	La Luz Energy Center	NM	58284	0001	40.2	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	42.3
2016	3	59056	Tri Global Energy, LLC	IPP	Hale Community Wind Farm	TX	59247	HALE1	240.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	240.0
2016	3	59347	W Power LLC	IPP	Nicolis Solar PV Plant	CA	59600	GEN1	19.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2016	3	59347	W Power LLC	IPP	Tropico Solar PV Plant	CA	59599	GEN1	13.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	14.0
2016	4	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG1	25.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	25.3
2016	4	57193	K Road Moapa Solar LLC	IPP	K Road Moapa Solar	NV	57859	1	250.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	250.0
2016	4	58849	Mariah North West LLC	IPP	Mariah Renewable Energy Center Phase 1	TX	59005	MAR1	232.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	232.0
2016	4	58850	Mariah South LLC	IPP	Mariah Renewable Energy Center Phase 2	TX	59007	MAR S	99.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2016	4	58489	OCI Solar Power	IPP	OCI Alamo 5 LLC	TX	59205	OCIA5	100.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	100.0
2016	4	58838	Parrey, LLC	IPP	Henrietta Solar Project	CA	58975	PV1	102.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	102.0
2016	4	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 4	0.6	Conventional Steam Coal	BIT	ST	(T) Regulatory approvals received. Not under construction	3.5
2016	4	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 5	0.6	Conventional Steam Coal	BIT	ST	(T) Regulatory approvals received. Not under construction	3.5
2016	4	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG01	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG02	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2016	4	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG03	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG04	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG05	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG06	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG07	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG08	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG09	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG10	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG11	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc	Electric Utility	Red Gate Power Plant	TX	59391	ENG12	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	5	58603	Aloha Solar Energy Fund I LLC	IPP	Aloha Solar Energy Fund 1 PK1	HI	58659	PK-1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	5	14534	City of Pasadena - (CA)	Electric Utility	Glenarm	CA	422	GT5	68.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	75.0
2016	5	5701	El Paso Electric Co	Electric Utility	Montana Power Station	TX	58562	GT-3	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	100.0
2016	5	55932	Georgia-Pacific Brewton LLC	Industrial	Georgia-Pacific Brewton Mill	AL	54789	4TG	62.0	Wood/Wood Waste Biomass	BLQ	ST	(U) Under construction, less than or equal to 50 percent complete	75.0
2016	5	59120	Los Vientos Windpower IV, LLC	IPP	Los Vientos Windpower IV	TX	59321	GEN1	2.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	2.0
2016	5	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT1	10.3	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	10.3
2016	5	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT2	10.3	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	10.3
2016	5	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT3	10.3	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	10.3
2016	5	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT4	10.3	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	10.3
2016	5	58421	Panda Patriot O&M LLC	IPP	Panda Patriot Generation Plant	PA	58426	GEN2	382.5	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	435.0
2016	5	15248	Portland General Electric Co	Electric Utility	Carty Generating Station	OR	58503	GEN1	500.0	Natural Gas Fired Combined Cycle	NG	CC	(T) Regulatory approvals received. Not under construction	500.0
2016	5	59109	SUNE BEACON SITE 2, LLC	IPP	Beacon Solar Plant Site 2	CA	59309	BEAC2	48.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	48.0
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	CT01	270.8	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	297.5
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	CT02	270.8	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	297.5
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	CT03	270.8	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	297.5
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	ST01	595.3	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	579.7
2016	6	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG2	25.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	25.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	04	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2016	6	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	05	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	04	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	05	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	06	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	14	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	15	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	16	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	17	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	18	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	19	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	20	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	21	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	22	9.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	9.3
2016	6	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	57421	BayWa r.e Wind LLC	IPP	Chopin Wind LLC	OR	59076	WT1	10.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	10.0
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	56290	CPV Vaca Station LLC	IPP	CPV Vaca Station LLC	CA	56999	CTG1	189.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	225.0
2016	6	56290	CPV Vaca Station LLC	IPP	CPV Vaca Station LLC	CA	56999	CTG2	189.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	225.0
2016	6	56290	CPV Vaca Station LLC	IPP	CPV Vaca Station LLC	CA	56999	STG	198.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	220.0
2016	6	918	City of Aspen- (CO)	Electric Utility	Castle Creek Hydroplant	CO	56566	1	1.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	1.2
2016	6	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5EG	1.0	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	1.0
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	12-2	138.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	250.0
2016	6	58765	FGE Texas I LLC	IPP	FGE Texas I	TX	58931	CA1	388.9	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	382.5
2016	6	58765	FGE Texas I LLC	IPP	FGE Texas I	TX	58931	GT1	219.7	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	208.3
2016	6	58765	FGE Texas I LLC	IPP	FGE Texas I	TX	58931	GT2	219.7	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	208.3
2016	6	58766	FGE Texas II LLC	IPP	FGE Texas II	TX	58930	CA1	388.9	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	382.5
2016	6	58766	FGE Texas II LLC	IPP	FGE Texas II	TX	58930	GT1	219.7	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	208.3
2016	6	58766	FGE Texas II LLC	IPP	FGE Texas II	TX	58930	GT2	219.7	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	208.3
2016	6	59155	First Wind O&M, LLC	IPP	Hancock Wind Plant	ME	58686	HANC1	51.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	51.0
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5A	1,260.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	296.0
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5B		Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	296.0
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5C		Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	296.0
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5ST		Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	464.0
2016	6	58909	Fremont Farm LLC	IPP	Fremont Farm	NC	59103	1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2016	6	25438	Friant Power Authority	IPP	Friant Hydro Facility	CA	50393	RO2	9.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	6.9
2016	6	58409	Future Power PA	IPP	Good Spring NGCC	PA	58409	HRSG1	108.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	108.0
2016	6	7801	Gulf Power Co	Electric Utility	Perdido	FL	57502	3	1.5	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.6
2016	6	59440	Innovative Solar 23, LLC	IPP	Innovative Solar 23	NC	59670	IS023	1.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	1.9
2016	6	59442	Innovative Solar 33, LLC	IPP	Innovative Solar 33	NC	59672	IS033	30.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	30.5
2016	6	59443	Innovative Solar 34, LLC	IPP	Innovative Solar 34	NC	59673	IS034	47.7	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	47.7
2016	6	59435	Innovative Solar 37, LLC	IPP	Innovative Solar 37	NC	59665	IS037	78.7	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	78.7
2016	6	59444	Innovative Solar 38, LLC	IPP	Innovative Solar 38	NC	59674	IS038	34.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	34.0
2016	6	59445	Innovative Solar 44, LLC	IPP	Innovative Solar 44	NC	59675	IS044	4.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.9
2016	6	59441	Innovative Solar 46, LLC	IPP	Innovative Solar 46	NC	59671	IS046	78.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	78.5
2016	6	59436	Innovative Solar 47, LLC	IPP	Innovative Solar 47	NC	59666	IS047	33.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	1.0
2016	6	59437	Innovative Solar 48, LLC	IPP	Innovative Solar 48	NC	59667	IS048	4.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.9
2016	6	59438	Innovative Solar 53, LLC	IPP	Innovative Solar 53	NC	59668	IS053	40.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	40.0
2016	6	59439	Innovative Solar 54, LLC	IPP	Innovative Solar 54	NC	59669	IS054	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2016	6	59446	Innovative Solar 55, LLC	IPP	Innovative Solar 55	NC	59676	IS044	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2016	6	59447	Innovative Solar 64, LLC	IPP	Innovative Solar 64	NC	59677	IS064	4.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.9
2016	6	59448	Innovative Solar 67, LLC	IPP	Innovative Solar 67	NC	59678	IS067	33.3	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	13.3
2016	6	59449	Innovative Solar 68, LLC	IPP	Innovative Solar 68	NC	59679	IS068	48.3	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	48.3
2016	6	59450	Innovative Solar 71, LLC	IPP	Innovative Solar 71	NC	59680	IS071	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	6	59451	Innovative Solar 72, LLC	IPP	Innovative Solar 72	NC	59681	IS072	33.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	33.5
2016	6	10171	Kentucky Utilities Co	Electric Utility	E W Brown	KY	1355	SOLAR	10.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	10.0
2016	6	54888	NRG Texas Power LLC	IPP	P H Robinson	TX	3466	PHR6	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	71.2
2016	6	58588	National Solar Power Partners LLC	IPP	Hardee County Solar Farms 1 LLC	FL	58637	HCSF1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2016	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	8A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	122.0
2016	6	59194	Purdys Run Energy, LLC	IPP	Purdys Run Energy, LLC	WV	59419	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	59194	Purdys Run Energy, LLC	IPP	Purdys Run Energy, LLC	WV	59419	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	59194	Purdys Run Energy, LLC	IPP	Purdys Run Energy, LLC	WV	59419	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	59194	Purdys Run Energy, LLC	IPP	Purdys Run Energy, LLC	WV	59419	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	59194	Purdys Run Energy, LLC	IPP	Purdys Run Energy, LLC	WV	59419	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	56640	Rice Solar Energy LLC	Commercial	Rice Solar Energy	CA	57276	RSE1	150.0	Solar Thermal with Energy Storage	SUN	CP	(L) Regulatory approvals pending. Not under construction	170.0
2016	6	59492	Seville Solar Two LLC	IPP	Seville 2	CA	59723	SEV2	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2016	6	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN4	4.4	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	57109	St Joseph Energy Center LLC	IPP	St Joseph Energy Center	IN	57794	2	642.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	670.0
2016	6	18125	Stillwater Utilities Authority	Electric Utility	Stillwater Energy Center	OK	59647	1	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2016	6	18125	Stillwater Utilities Authority	Electric Utility	Stillwater Energy Center	OK	59647	2	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2016	6	18125	Stillwater Utilities Authority	Electric Utility	Stillwater Energy Center	OK	59647	3	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2016	6	58723	Warsaw Farm LLC	IPP	Warsaw Farm	NC	58848	1	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2016	6	58917	West Salisbury Farm LLC	IPP	West Salisbury Farm LLC	NC	59111	1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2016	7	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG3	25.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	25.3
2016	7	59192	Amity Energy, LLC	IPP	Amity Energy LLC	PA	59418	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	7	59192	Amity Energy, LLC	IPP	Amity Energy LLC	PA	59418	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	7	59192	Amity Energy, LLC	IPP	Amity Energy LLC	PA	59418	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	7	59192	Amity Energy, LLC	IPP	Amity Energy LLC	PA	59418	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	7	59192	Amity Energy, LLC	IPP	Amity Energy LLC	PA	59418	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	7	56615	First Solar Energy LLC	IPP	Stateline Solar	NV	58646	STL	299.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	299.5
2016	7	59112	Hecate Energy Beacon Solar 1, LLC	IPP	Hecate Energy Beacon Solar 1	CA	59315	BEAC1	56.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	56.0
2016	7	59113	Hecate Energy Beacon Solar 3, LLC	IPP	Hecate Energy Beacon Solar 3	CA	59316	BEAC3	56.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	56.0
2016	7	59114	Hecate Energy Beacon Solar 4, LLC	IPP	Hecate Energy Beacon Solar 4	CA	59317	BEAC4	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2016	7	56167	Imperial Valley Solar, LLC	IPP	Imperial Valley Solar, LLC	CA	56917	2	400.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	400.0
2016	7	59342	Maricopa West Solar PV 2, LLC	IPP	Maricopa West Solar 2	CA	59608	MWS2	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2016	7	58489	OCI Solar Power	IPP	OCI Alamo 6 LLC	TX	59206	OCIA6	110.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	110.0
2016	7	59110	SUNE BEACON SITE 5, LLC	IPP	Beacon Solar Plant Site 5	CA	59308	BEAC5	40.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	40.0
2016	7	2518	U S Bureau of Reclamation	Electric Utility	Black Canyon	ID	6396	3	12.5	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	12.5
2016	7	19876	Virginia Electric & Power Co	Electric Utility	Remington Solar Facility	VA	59685	01	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	8	59273	62SK 8me, LLC	IPP	Springbok Solar Farm 1	CA	59532	SB1	100.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	100.0
2016	8	56814	Black Creek Renewable Energy LLC	IPP	Sampson County Landfill	NC	57492	GEN8	1.6	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	1.6
2016	8	4329	Copper Valley Elec Assn, Inc	Electric Utility	Allison Creek Hydro	AK	58982	GEN1	6.5	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	6.5
2016	8	58489	OCI Solar Power	IPP	OCI Alamo 7 LLC	TX	59207	OCIA7	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2016	8	59253	Oregon Windfarms, LLC	IPP	Benson Creek Windfarm	OR	59491	BCW	10.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	10.0
2016	8	59253	Oregon Windfarms, LLC	IPP	Durbin Creek Windfarm	OR	59492	DCW	10.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	10.0
2016	8	59253	Oregon Windfarms, LLC	IPP	Jett Creek Windfarm	OR	59490	JCW	10.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	10.0
2016	8	59253	Oregon Windfarms, LLC	IPP	Prospector Windfarm	OR	59493	PW	10.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	10.0
2016	8	59253	Oregon Windfarms, LLC	IPP	Willow Spring Windfarm	OR	59494	WSW	10.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	10.0
2016	9	55918	Acciona Wind Energy USA LLC	IPP	San Roman Wind I, LLC	TX	59712	SRWI	93.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	93.0
2016	9	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	9	58642	East Kapolei Solar LLC	IPP	EKS Solar Farm	HI	58705	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	9	59161	Great Bay Wind I, LLC	IPP	Great Bay Wind Energy Center	MD	59385	GEN1	150.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	150.0
2016	9	59137	Palmer Renewable Energy	IPP	Palmer Renewable Energy	MA	59336	PRE	42.0	Wood/Wood Waste Biomass	WDS	ST	(T) Regulatory approvals received. Not under construction	42.0
2016	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG1	97.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	107.0
2016	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG2	97.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	107.0
2016	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG3	97.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	107.0
2016	9	58968	RE Mustang LLC	IPP	RE Mustang LLC	CA	59150	PV1	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2016	9	59363	Silver State Solar Power South, LLC	IPP	Silver State Solar Power South	NV	58644	SSS	273.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	273.0
2016	9	58846	Southeast Renewable Fuels, LLC	Industrial	SRF Sorghum to Ethanol Advanced Biorefinery	FL	58997	G1001	12.0	Other Waste Biomass	OBS	ST	(U) Under construction, less than or equal to 50 percent complete	15.0
2016	9	58836	Sunwind Energy Solutions, LLLP	IPP	Sunwind Doyle Wind	KS	58976	SNWND	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2016	10	57369	Apple, Inc	Industrial	Apple Campus 2 Fuel Cell	CA	59557	AC2FC	4.0	Other Waste Biomass	OBG	FC	(L) Regulatory approvals pending. Not under construction	4.0
2016	10	57369	Apple, Inc	Industrial	Apple Campus 2 PV	CA	59473	AC2PV	14.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	14.4
2016	10	5906	EDF Renewable Services Inc	IPP	Spinning Spur Wind III	TX	58775	GEN1	161.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	161.0
2016	10	58970	Ecoplexus, Inc	IPP	Watson Seed Farm PV1	NC	59153	WAT1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	10	59155	First Wind O&M, LLC	IPP	Enterprise Solar, LLC	UT	59386	ENTS1	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2016	10	59155	First Wind O&M, LLC	IPP	Escalante Solar I, LLC	UT	59387	ESCS1	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2016	10	59155	First Wind O&M, LLC	IPP	Escalante Solar II, LLC	UT	59388	ESCS2	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2016	10	59155	First Wind O&M, LLC	IPP	Escalante Solar III, LLC	UT	59389	ESCS3	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2016	10	59258	Five Points Solar Park, LLC	IPP	Five Points Solar Park	CA	59523	FRFSP	60.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	60.0
2016	10	59257	Giffen Solar Park, LLC	IPP	Giffen Solar Park	CA	59522	FRGSP	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2016	10	58849	Mariah North West LLC	IPP	Mariah Renewable Energy Center Phase 3	TX	59006	MARN	80.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	168.0
2016	10	56987	RRE Austin Solar LLC	IPP	Pflugerville Solar Farm	TX	57659	PSF	60.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	60.0
2016	10	58381	Troutdale Energy Center LLC	IPP	Troutdale Energy Center	OR	58396	PLGEN	652.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	652.0
2016	10	54842	WM Renewable Energy LLC	IPP	Waste Mangement Redwood LFGTE	CA	59299	RED1	2.0	Landfill Gas	LFG	IC	(L) Regulatory approvals pending. Not under construction	2.0
2016	10	54842	WM Renewable Energy LLC	IPP	Waste Mangement Redwood LFGTE	CA	59299	RED2	2.0	Landfill Gas	LFG	IC	(L) Regulatory approvals pending. Not under construction	2.0
2016	10	57028	West Butte Wind Power LLC	IPP	West Butte Wind Power Project	OR	57704	WB-1	80.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	80.0
2016	10	59260	Wright Solar Park, LLC	IPP	Wright Solar Park	CA	59525	FRWSP	200.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	200.0
2016	10	58661	sPower	IPP	Con Dios Solar 11	CA	59264	CON11	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.5
2016	10	58661	sPower	IPP	Con Dios Solar 3	CA	59263	CON03	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.5
2016	11	58574	Canton Mountain Wind LLC	IPP	Canton Mountain Wind	ME	58620	1	22.8	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	22.8
2016	11	8723	City of Holland	Electric Utility	Holland Energy Park	MI	59093	10	43.1	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	53.1
2016	11	8723	City of Holland	Electric Utility	Holland Energy Park	MI	59093	11	43.1	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	53.1
2016	11	8723	City of Holland	Electric Utility	Holland Energy Park	MI	59093	12	40.9	Natural Gas Fired Combined Cycle	NG	CA	(U) Under construction, less than or equal to 50 percent complete	43.2
2016	11	57541	Foster Wheeler Twin Cities	Electric CHP	Univ Minnesota CHP Plant	MN	59197	CTG-1	17.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	21.0
2016	11	58901	Hydro Green Energy	IPP	Braddock Lock and Dam	PA	59091	GEN1	5.3	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	5.3
2016	11	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	1	250.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	250.0
2016	12	59272	41MB 8me, LLC	IPP	Borden Solar Farm	CA	59531	BRDN	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2016	12	59482	Ameresco Tempe	IPP	St. Paul Intl Airport Red & Blue Parking	MN	59709	PV1	2.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.3
2016	12	58794	American Wind Energy Management Corp.	IPP	Sangamon Wind One LLC	IL	58925	SAN1	35.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	35.0
2016	12	58794	American Wind Energy Management Corp.	IPP	Sangamon Wind Two LLC	IL	58926	SAN2	50.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	50.0
2016	12	58794	American Wind Energy Management Corp.	IPP	Sugar Creek Wind One LLC	IL	58924	SUG1	175.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	175.0
2016	12	57003	Arlington Valley Solar Energy LLC	IPP	Arlington Valley Solar Energy I	AZ	57679	AVSE1	125.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	127.0
2016	12	58998	Chapman Ranch Wind LLC	IPP	Chapman Ranch Wind I	TX	59193	CHA1	350.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	350.0
2016	12	58391	Chilocco Wind Farm LLC	IPP	Chilocco Wind Farm	OK	58406	1	76.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	76.5
2016	12	58391	Chilocco Wind Farm LLC	IPP	Chilocco Wind Farm	OK	58406	2	76.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	76.5
2016	12	59465	Clark Solar 1, LLC	IPP	Clark 1 Solar	ID	59697	CSPV1	71.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	71.0
2016	12	59466	Clark Solar 2, LLC	IPP	Clark 2 Solar	ID	59698	CSPV2	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	12	59467	Clark Solar 3, LLC	IPP	Clark 3 Solar	ID	59699	CSPV3	30.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	30.0
2016	12	59468	Clark Solar 4, LLC	IPP	Clark 4 Solar	ID	59700	CSPV4	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	12	58792	ClearVista Energy LLC	IPP	ClearVista Solar and Wind Farm	CA	58922	CVPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	12	58792	ClearVista Energy LLC	IPP	ClearVista Solar and Wind Farm	CA	58922	CVWT	19.5	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	19.5
2016	12	58840	Copenhagen Wind Farm, LLC	IPP	Copenhagen Wind Farm	NY	58979	CPHGN	79.9	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	79.9
2016	12	58695	Coronal Development Services	IPP	Fusion Solar Center LLC	CT	58876	PV	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2016	12	58695	Coronal Development Services	IPP	Gulf Coast Solar Center I	FL	59689	GCSC1	30.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	30.0
2016	12	58695	Coronal Development Services	IPP	Gulf Coast Solar Center II	FL	59690	GCSC2	40.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	40.0
2016	12	58695	Coronal Development Services	IPP	Gulf Coast Solar Center III	FL	59691	GCSC3	50.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	50.0
2016	12	59319	Cotton Solar, LLC	IPP	Cotton Solar	SC	59572	PV1	16.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	16.0
2016	12	57406	Deepwater Wind Block Island LLC	IPP	Block Island Wind Farm	RI	58035	BIWF	29.3	Offshore Wind Turbine	WND	WS	(L) Regulatory approvals pending. Not under construction	30.0
2016	12	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	SSTA	40.0	All Other	WH	CA	(L) Regulatory approvals pending. Not under construction	65.0

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2016	12	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5STB	40.0	All Other	WH	CA	(L) Regulatory approvals pending. Not under construction	65.0
2016	12	56215	E ON Climate Renewables N America LLC	IPP	Grandview Wind Farm II LLC	TX	59068	GVII	200.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	200.0
2016	12	56215	E ON Climate Renewables N America LLC	IPP	Grandview Wind Farm III LLC	TX	59067	GVIII	188.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	188.0
2016	12	56215	E ON Climate Renewables N America LLC	IPP	Magic Valley Wind Farm II	TX	59066	MVII	230.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	230.0
2016	12	56215	E ON Climate Renewables N America LLC	IPP	Stella Wind Farm	TX	59063	WT1	200.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	200.0
2016	12	56215	E ON Climate Renewables N America LLC	IPP	Stella Wind Farm II	TX	59064	WT1	200.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	200.0
2016	12	56215	E ON Climate Renewables N America LLC	IPP	Twin Forks Wind Farm LLC	IL	59061	WT1	351.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	351.0
2016	12	56215	E ON Climate Renewables N America LLC	IPP	Vici Wind Farm	OK	59062	VICI	104.4	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	104.4
2016	12	59380	Enel Green Power NA, Inc.	IPP	Lindahl Wind Project, LLC	ND	59684	LWP01		Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	150.0
2016	12	49932	Enel North America, Inc.	IPP	Apple Blossom Wind Farm	MI	58690	APLB1	100.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	100.0
2016	12	49932	Enel North America, Inc.	IPP	Courtenay Wind Farm	ND	58658	1	200.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	200.0
2016	12	49932	Enel North America, Inc.	IPP	Mustang Run Wind Project LLC	OK	59000	MRWP	136.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	136.0
2016	12	49932	Enel North America, Inc.	IPP	South Fork Wind Farm	MN	58691	STFK1	13.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	13.0
2016	12	58672	Everpower Wind Holdings Inc	IPP	Allegany Wind Farm	NY	58779	1	72.5	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	72.5
2016	12	58672	Everpower Wind Holdings Inc	IPP	Cassadaga Wind Farm	NY	58777	1	125.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	125.0
2016	12	58672	Everpower Wind Holdings Inc	IPP	Coyote Crest Wind Farm	WA	58778	1	126.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	126.0
2016	12	58672	Everpower Wind Holdings Inc	IPP	Scioto Ridge Wind Farm	OH	58780	1	300.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	300.0
2016	12	59155	First Wind O&M, LLC	IPP	Bowers Wind Project	ME	57088	1	48.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	48.0
2016	12	59155	First Wind O&M, LLC	IPP	Milford Wind Corridor Phase III	UT	57546	1	100.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	100.0
2016	12	59155	First Wind O&M, LLC	IPP	Mililani South PV	HI	58281	1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2016	12	58146	Gaelectric LLC	IPP	Jawbone Wind Project	MT	58175	JWPI	131.1	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	131.1
2016	12	58623	Grande Prairie Wind, LLC	IPP	Grande Prairie Wind Farm	NE	58695	1	400.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	400.0
2016	12	56946	Hidalgo Wind Farm LLC	IPP	Hidalgo Wind Farm LLC	TX	57617	GEN1	150.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	150.0
2016	12	57278	Hidden Hills Solar II LLC	IPP	Hidden Hills Solar Plant 2	CA	57906	1	250.0	Solar Thermal without Energy Storage	SUN	ST	(L) Regulatory approvals pending. Not under construction	250.0
2016	12	15399	Iberdrola Renewables Inc	IPP	Dolan Springs	AZ	57920	1	300.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	300.0
2016	12	15399	Iberdrola Renewables Inc	IPP	Tule Wind LLC	CA	57913	1	143.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	143.0
2016	12	50123	Infigen Asset Management LLC	IPP	Aragonne Solar LLC	NM	59252	PV1	38.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	40.0
2016	12	50123	Infigen Asset Management LLC	IPP	Caprock Solar LLC	NM	59251	PV1	24.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	25.0
2016	12	50123	Infigen Asset Management LLC	IPP	Rio Bravo Solar II LLC	CA	59250	PV1	19.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	12	58688	Kelly Energy LLC	IPP	Kelly	PA	58817	GEN1	3.0	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	3.3
2016	12	58688	Kelly Energy LLC	IPP	Kelly	PA	58817	GEN2	3.0	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	3.3
2016	12	55910	Lanai Sustainability Research LLC	IPP	Mililani South Solar Farm	HI	57242	1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2016	12	59316	Laurinburg Industrial Solar LLC	IPP	Laurinburg Industrial Solar	SC	59569	PV1	10.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	10.0
2016	12	49736	Loring Holdings, LLC	Electric CHP	Loring Power Plant	ME	56105	GTG1	37.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	50.0
2016	12	49736	Loring Holdings, LLC	Electric CHP	Loring Power Plant	ME	56105	STG1	18.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	30.0
2016	12	11204	Los Alamos County	Electric Utility	Los Alamos PV Site	NM	58256	4	1.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.0
2016	12	59469	Mountain Home Solar, LLC	IPP	Mountain Home Solar	ID	59695	MHPV1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	3	232.0	Solar Thermal without Energy Storage	SUN	ST	(P) Planned for installation, but regulatory approvals not initiated	273.4
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	A	125.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	125.0
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	B	125.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	125.0
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	C	125.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	125.0
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	D	110.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	110.0
2016	12	56935	Number Nine Wind Farm LLC	IPP	Number Nine Wind Farm	ME	57612	GEN1	250.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	250.0
2016	12	56676	Panoche Valley Solar LLC	IPP	Panoche Valley Solar Farm	CA	57340	1	247.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	247.7
2016	12	56545	Pattern Operators LP	IPP	Ripley Westfield Wind LLC	NY	57193	WTG	75.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	75.0
2016	12	56545	Pattern Operators LP	IPP	Texas Gulf Wind 2	TX	56662	1	187.2	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	187.2
2016	12	58626	Paynesville Wind, LLC	IPP	Paynesville Wind Farm	MN	58693	1	95.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	95.0
2016	12	59470	Pocatello Solar 1, LLC	IPP	Pocatello Solar	ID	59696	PAPV1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	12	59010	Rhubarb One LLC	IPP	Rhubarb One SC	SC	59596	PV1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	12	58843	Searchlight Wind Energy LLC	IPP	Searchlight Wind	NV	58988	1	200.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	200.0
2016	12	58579	Silverado Power	IPP	Western Antelope Dry Ranch	CA	58627	WADR	10.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	10.0
2016	12	57331	Soitec Solar Development LLC	IPP	LanEast Solar Farm LLC	CA	57957	1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	12	57331	Soitec Solar Development LLC	IPP	LanWest Solar Farm LLC	CA	57958	1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	12	57331	Soitec Solar Development LLC	IPP	Rugged Solar LLC	CA	57960	1	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2016	12	57331	Soitec Solar Development LLC	IPP	Tierra Del Sol Solar Farm LLC	CA	57961	1	45.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	45.0
2016	12	59080	Soleil Energy Solutions, LLC	IPP	Westside Solar Farm	NC	59258	WEST1	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2016	12	59317	Toprak LLC	IPP	Toprak	NC	59570	PV1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	12	59056	Tri Global Energy, LLC	IPP	Changing Winds	TX	59243	CHAN1	288.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	288.0
2016	12	59056	Tri Global Energy, LLC	IPP	Fluvanna	TX	59245	FLUV1	240.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	240.0
2016	12	59056	Tri Global Energy, LLC	IPP	Goodnight	TX	59246	GOOD1	240.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	240.0
2016	12	59056	Tri Global Energy, LLC	IPP	Hale Community Wind Farm	TX	59247	HALE2	240.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	240.0
2016	12	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPS50	49.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	49.9
2016	12	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPS51	15.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	15.0
2016	12	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPS52	14.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	14.9
2016	12	19316	Two Elk Generation Partners LP	IPP	Two Elk Generating Station	WY	55360	GEN1	275.0	Conventional Steam Coal	WC	ST	(U) Under construction, less than or equal to 50 percent complete	320.0
2016	12	58624	Walnut Ridge Wind, LLC	IPP	Walnut Ridge Wind Farm	IL	58694	1	210.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	210.0
2017	1	59308	Bearford Farm, LLC	IPP	Bearford Farm Solar Project	NC	59567	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2017	1	2087	Bowie Power Station LLC	Electric CHP	Bowie Power Station LLC	AZ	55780	CT1	172.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	172.0
2017	1	2087	Bowie Power Station LLC	Electric CHP	Bowie Power Station LLC	AZ	55780	CT2	172.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	172.0
2017	1	3892	City of Coffeyville - (KS)	IPP	CML&P Generating Facility No. 2	KS	59726	10	18.7	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2017	1	3892	City of Coffeyville - (KS)	IPP	CML&P Generating Facility No. 2	KS	59726	8	18.7	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2017	1	3892	City of Coffeyville - (KS)	IPP	CML&P Generating Facility No. 2	KS	59726	9	18.7	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2017	1	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58645	RCT1	8.7	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	8.9
2017	1	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58645	RCT2	8.7	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	8.9
2017	1	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58645	RCT3	8.7	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	8.9
2017	1	59306	Keen Farm, LLC	IPP	Keen Farm	NC	59565	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2017	1	59320	Manway Solar, LLC	IPP	Manway Solar Farm	NC	59575	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59323	Monroe Moore Farm, LLC	IPP	Monroe Moore Farm	NC	59578	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59333	Pit 64 Farm, LLC	IPP	Pit 64	NC	59588	PV1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2017	1	59335	Sandy Ridge Solar Farm, LLC	IPP	Sandy Ridge Solar Farm	NC	59590	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59337	Sedberry Farm, LLC	IPP	Sedberry Farm	NC	59592	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59338	Spring Valley Farm 2, LLC	IPP	Spring Valley Farm 2, LLC	NC	59593	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59339	Spring Valley Farm, LLC	IPP	Spring Valley Farm	NC	59594	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	18454	Tampa Electric Co	Electric Utility	Polk	FL	7242	2CC	459.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	463.0
2017	1	59328	Tart Farm, LLC	IPP	Tart Farm	NC	59583	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	20159	Washington Parish Engy Ctr LLC	IPP	Washington Parish Energy Center	LA	55486	CTG1	172.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	200.0
2017	1	20159	Washington Parish Engy Ctr LLC	IPP	Washington Parish Energy Center	LA	55486	CTG2	172.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	200.0
2017	1	20159	Washington Parish Engy Ctr LLC	IPP	Washington Parish Energy Center	LA	55486	ST1	215.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	255.0
2017	1	59329	Wellons Farm, LLC	IPP	Wellons Farm	NC	59584	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59331	Woodland Church Farm, LLC	IPP	Woodland Church Farm	NC	59586	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	2	56031	CPV Maryland LLC	IPP	CPV St Charles Energy Center	MD	56846	GTG1	205.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	215.0
2017	2	56031	CPV Maryland LLC	IPP	CPV St Charles Energy Center	MD	56846	GTG2	205.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	215.0
2017	2	56031	CPV Maryland LLC	IPP	CPV St Charles Energy Center	MD	56846	STGEN	316.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	316.0
2017	3	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5501	3.0	Hydrokinetic	WAT	HA	(L) Regulatory approvals pending. Not under construction	3.0
2017	3	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5502	1.3	Hydrokinetic	WAT	HA	(L) Regulatory approvals pending. Not under construction	1.3
2017	3	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5511	1.7	Hydrokinetic	WAT	HA	(L) Regulatory approvals pending. Not under construction	1.7
2017	3	59155	First Wind O&M, LLC	IPP	Bingham Wind	ME	57531	1	186.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	186.0
2017	3	49805	Kennecott Utah Copper	Industrial	Kennecott Power Plant	UT	56163	5CTG	176.9	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	207.9
2017	3	17539	South Carolina Electric&Gas Company	Electric Utility	V C Summer	SC	6127	2	1,100.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete	1,100.0
2017	3	56789	TBE Montgomery LLC	IPP	TBE-Montgomery LLC	NY	57472	CTG	11.6	Other Waste Biomass	OBG	CT	(U) Under construction, less than or equal to 50 percent complete	12.0
2017	3	56789	TBE Montgomery LLC	IPP	TBE-Montgomery LLC	NY	57472	STG	7.4	Other Waste Biomass	OBG	CA	(U) Under construction, less than or equal to 50 percent complete	9.0
2017	4	59429	Comanche LLC	IPP	Comanche Solar	CO	59656	COMCH	120.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	120.0
2017	4	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507	2	156.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	170.0
2017	4	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507	3	156.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	170.0
2017	4	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507	4	390.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated	390.0
2017	4	7490	Grand River Dam Authority	Electric Utility	GREC	OK	165	3CT	324.6	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	365.5

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2017	4	7490	Grand River Dam Authority	Electric Utility	GREC	OK	165	3ST	191.8	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	204.0
2017	4	58848	Green Energy Partners LLC	IPP	Stonewall	VA	59004	GEN1	230.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	232.0
2017	4	58848	Green Energy Partners LLC	IPP	Stonewall	VA	59004	GEN3	314.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	338.0
2017	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	GT1	207.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	207.0
2017	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	GT2	207.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	207.0
2017	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	STG1	230.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	230.0
2017	4	9417	Interstate Power and Light Co	Electric Utility	Marshalltown Generating Station	IA	58236	CC1	646.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	870.0
2017	4	9417	Interstate Power and Light Co	Electric Utility	Marshalltown Generating Station	IA	58236	CTG1		Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	222.7
2017	4	9417	Interstate Power and Light Co	Electric Utility	Marshalltown Generating Station	IA	58236	CTG2		Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	222.7
2017	4	9417	Interstate Power and Light Co	Electric Utility	Marshalltown Generating Station	IA	58236	STG1		Natural Gas Fired Combined Cycle	NG	CA	(U) Under construction, less than or equal to 50 percent complete	260.5
2017	5	59111	Crawford Renewable Energy, LLC	IPP	Crawford Renewable Energy - Meadville Power Station	PA	59307	MPS	93.5	All Other	TDF	ST	(U) Under construction, less than or equal to 50 percent complete	99.5
2017	5	5701	El Paso Electric Co	Electric Utility	Montana Power Station	TX	58562	GT-4	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	100.0
2017	5	58597	Enviromission, Inc	IPP	La Paz Solar Tower	AZ	58652	1	200.0	Solar Thermal without Energy Storage	SUN	OT	(P) Planned for installation, but regulatory approvals not initiated	200.0
2017	5	58848	Green Energy Partners LLC	IPP	Stonewall	VA	59004	GEN2	230.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	232.0
2017	5	59101	NTE Texas, LLC	IPP	Pecan Creek Energy Center	TX	59298	PCEC1	250.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	250.0
2017	5	40229	Old Dominion Electric Coop	Electric Utility	Wildcat Point	MD	59220	CT1		Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	310.3
2017	5	40229	Old Dominion Electric Coop	Electric Utility	Wildcat Point	MD	59220	CT2		Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	310.3
2017	5	40229	Old Dominion Electric Coop	Electric Utility	Wildcat Point	MD	59220	ST1		Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	493.0
2017	6	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	CT08	37.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	40.0
2017	6	56204	CPV Valley LLC	IPP	CPV Valley Energy Center	NY	56940	CTG2	186.5	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	235.0
2017	6	56204	CPV Valley LLC	IPP	CPV Valley Energy Center	NY	56940	STG	305.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	350.0
2017	6	58959	Freeport LNG Development L.P	Industrial	Freeport LP Pretreatment Facility	TX	59145	65GTG	77.5	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	97.0
2017	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	5	340.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	340.0
2017	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	6	340.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	340.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Clear Springs Energy Center	TX	59615	CTG-1	178.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Clear Springs Energy Center	TX	59615	CTG-2	177.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Clear Springs Energy Center	TX	59615	CTG-3	177.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Union Valley Energy Center	TX	59616	CTG-1	178.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Union Valley Energy Center	TX	59616	CTG-2	178.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Union Valley Energy Center	TX	59616	CTG-3	178.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Van Alstyne Energy Center	TX	59617	CTG-1	177.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Van Alstyne Energy Center	TX	59617	CTG-2	177.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	59357	Navasota Energy Generation Holdings	IPP	Van Alstyne Energy Center	TX	59617	CTG-3	177.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	4A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	122.0
2017	6	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	4	244.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	281.0
2017	6	58960	Timberline Energy LLC	IPP	Front Range Project	CO	59143	FR-2	1.5	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.6
2017	7	58758	CPV Smyth Generation Company LLC	IPP	CPV Smyth Generation Company LLC	VA	58878	1	653.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	782.0
2017	7	58409	Future Power PA	IPP	Good Spring NGCC	PA	58409	GT1	335.0	Natural Gas Fired Combined Cycle	NG	CC	(T) Regulatory approvals received. Not under construction	346.0
2017	7	59362	Jericho Rise Wind Farm LLC	IPP	Jericho Rise Wind Farm LLC	NY	59629	GEN1	77.7	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	77.7
2017	7	58878	Watkins Glen Wind LLC	IPP	Watkins Glen Wind Energy Center	NY	59041	WGWEC	100.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	100.0
2017	8	56814	Black Creek Renewable Energy LLC	IPP	Sampson County Landfill	NC	57492	GEN7	1.6	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.6
2017	8	58768	Pondera Development LLC	IPP	CPV Pondera King Energy Center	TX	58910	CC	836.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	900.0
2017	9	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG1	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	3.0
2017	9	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG2	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	3.0
2017	9	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG3	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	3.0
2017	9	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG4	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	3.0
2017	9	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG5	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	3.0
2017	9	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG6	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	3.0
2017	9	18676	Virginia Electric & Power Co	Electric Utility	VA Offshore Wind Project (VOWTAP)	VA	59693	OSW1	12.0	Offshore Wind Turbine	WND	WS	(L) Regulatory approvals pending. Not under construction	12.0
2017	10	56963	Beaver Wood Energy Fair Haven, LLC	Electric CHP	Beaver Wood Energy Fair Haven, LLC	VT	57634	GEN1	29.5	Other Waste Biomass	OBS	ST	(L) Regulatory approvals pending. Not under construction	34.0
2017	10	58378	Jordan Hydroelectric LTD PTP	IPP	Flannagan Hydroelectric Project	VA	58827	LEFT	0.9	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.9
2017	10	58378	Jordan Hydroelectric LTD PTP	IPP	Flannagan Hydroelectric Project	VA	58827	RGHT	0.9	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.9
2017	11	803	Arizona Public Service Co	Electric Utility	Ocotillo	AZ	116	GT3	104.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	161.9
2017	12	219	Alaska Power and Telephone Co	Electric Utility	Mahoney Lake Hydroelectric	AK	59027	GEN 1	9.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	9.6
2017	12	219	Alaska Power and Telephone Co	Electric Utility	Reynolds Creek	AK	59037	GEN 1	5.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	5.0
2017	12	803	Arizona Public Service Co	Electric Utility	Ocotillo	AZ	116	GT4	104.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	161.9
2017	12	2087	Bowie Power Station LLC	IPP	Bowie Power Station LLC	AZ	55780	CT3	172.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	172.0
2017	12	2087	Bowie Power Station LLC	IPP	Bowie Power Station LLC	AZ	55780	CT4	172.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	172.0
2017	12	2087	Bowie Power Station LLC	Electric CHP	Bowie Power Station LLC	AZ	55780	ST1	181.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	181.0
2017	12	2087	Bowie Power Station LLC	Electric CHP	Bowie Power Station LLC	AZ	55780	ST2	181.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	181.0
2017	12	59432	Clear Creek Power	IPP	Highland Park Project	CO	59659	HPWT	198.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	198.0
2017	12	56872	Contra Costa Generating Station LLC	IPP	Oakley Generating Station	CA	57552	CT1	197.3	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	222.3
2017	12	56872	Contra Costa Generating Station LLC	IPP	Oakley Generating Station	CA	57552	CT2	197.3	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	222.3
2017	12	56872	Contra Costa Generating Station LLC	IPP	Oakley Generating Station	CA	57552	ST	191.3	Natural Gas Fired Combined Cycle	NG	CA	(U) Under construction, less than or equal to 50 percent complete	227.7
2017	12	58672	Everpower Wind Holdings Inc	IPP	Buckeye Wind Farm	OH	58776	1	200.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	200.0
2017	12	7140	Georgia Power Co	Electric Utility	Vogtle	GA	649	3	1,100.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete	1,100.0
2017	12	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507	1	156.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	170.0
2017	12	11208	Los Angeles Department of Water & Power	Electric Utility	Southern Owens Valley Solar Ranch	CA	57304	1	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2017	12	56941	Meadow Lake Wind Farm V LLC	IPP	Meadow Lake Wind Farm V LLC	IN	57628	GEN1	100.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	100.0
2017	12	56094	Medicine Bow Fuel & Power LLC	IPP	Medicine Bow Fuel & Power LLC	WY	56452	1	350.0	Conventional Steam Coal	BIT	ST	(P) Planned for installation, but regulatory approvals not initiated	350.0
2017	12	56949	Paulding Wind Farm LLC	IPP	Paulding Wind Farm LLC	OH	57611	GEN1	49.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	49.0
2017	12	58842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	58987	I-A	687.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	687.0
2017	12	56424	Quilt Block Wind Farm LLC	IPP	Quilt Block Wind Farm LLC	WI	57116	GEN 1	98.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	98.0
2018	1	56794	CE Obsidian Energy LLC	IPP	Black Rock I	CA	57477	G3201	60.0	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction	70.0
2018	1	2719	CalWind Resources Inc	IPP	Tehachapi Wind Resource II	CA	54909	PLAN	15.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	15.5
2018	1	58763	LotusWorks-Summit Ridge I, LLC	IPP	Summit Ridge I Wind Farm	OR	58894	SRWF	151.8	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	151.8
2018	1	16534	Sacramento Municipal Util Dist	Electric Utility	White Rock/Slab Creek	CA	435	H3	2.6	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.6
2018	2	803	Arizona Public Service Co	Electric Utility	Ocotillo	AZ	116	GT5	104.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	161.9
2018	2	59434	Mattawoman Energy, LLC	IPP	Mattawoman Energy Center	MD	59662	CGT11	286.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	286.0
2018	2	59434	Mattawoman Energy, LLC	IPP	Mattawoman Energy Center	MD	59662	CGT12	286.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	286.0
2018	2	59434	Mattawoman Energy, LLC	IPP	Mattawoman Energy Center	MD	59662	STG11	436.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	436.0
2018	3	803	Arizona Public Service Co	Electric Utility	Ocotillo	AZ	116	GT6	104.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	161.9
2018	3	56794	CE Obsidian Energy LLC	IPP	Black Rock II	CA	57478	G3202	60.0	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction	70.0
2018	3	58757	Wheelabrator Frederick, LLC	IPP	Frederick-Carroll County Renewable Waste to Energy Facility	MD	58875	GEN1	47.0	Municipal Solid Waste	MSW	ST	(T) Regulatory approvals received. Not under construction	56.0
2018	4	803	Arizona Public Service Co	Electric Utility	Ocotillo	AZ	116	GT7	104.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	161.9
2018	4	20421	Western Minnesota Mun Pwr Agny	Electric Utility	Red Rock Hydro Plant	IA	58434	1	27.5	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	18.2
2018	4	20421	Western Minnesota Mun Pwr Agny	Electric Utility	Red Rock Hydro Plant	IA	58434	2	27.5	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	18.2
2018	5	56794	CE Obsidian Energy LLC	IPP	Black Rock III	CA	57479	G303	60.0	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction	70.0
2018	5	59283	Gateway Energy Center, LLC	IPP	Gateway Energy Center, LLC	NJ	59538	CT001	442.8	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	440.0
2018	5	59123	NTE Carolinas, LLC	IPP	Kings Mountain Energy Center	NC	59325	KMEC1	475.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	475.0
2018	5	59124	NTE Ohio LLC	IPP	Middletown Energy Center	OH	59326	MEC1	525.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	525.0
2018	5	59490	Neches Station, LLC	IPP	Neches Station, LLC	TX	59716	CTG1	891.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	232.0
2018	5	17539	South Carolina Electric&Gas Company	Electric Utility	V C Summer	SC	6127	3	1,100.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete	1,100.0
2018	6	2338	Calpine Central LP	IPP	Mankato Energy Center	MN	56104	CTG1	200.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	210.0
2018	6	40215	Cordova Electric Coop, Inc	Electric Utility	Orca	AK	789	1	1.5	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	1.5
2018	6	40215	Cordova Electric Coop, Inc	Electric Utility	Orca	AK	789	2	1.5	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	1.5
2018	6	56534	Cricket Valley Energy Center LLC	IPP	Cricket Valley Energy	NY	57185	U001	346.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	390.0
2018	6	56534	Cricket Valley Energy Center LLC	IPP	Cricket Valley Energy	NY	57185	U002	346.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	390.0
2018	6	56534	Cricket Valley Energy Center LLC	IPP	Cricket Valley Energy	NY	57185	U003	346.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	390.0
2018	6	59487	Moundsville Power, LLC	IPP	Moundsville Power	WV	59720	MPCA1	224.9	All Other	WH	CA	(L) Regulatory approvals pending. Not under construction	246.5
2018	6	59487	Moundsville Power, LLC	IPP	Moundsville Power	WV	59720	MPCT1	177.3	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	195.5
2018	6	59487	Moundsville Power, LLC	IPP	Moundsville Power	WV	59720	MPCT2	177.3	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	195.5
2018	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	6A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	122.0
2018	6	59489	Perennial-Wind Chaser LLC	IPP	Perennial Wind Chaser Station	OR	59721	GT1	98.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	106.0
2018	6	59489	Perennial-Wind Chaser LLC	IPP	Perennial Wind Chaser Station	OR	59721	GT2	98.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	106.0

Table 6.5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2018	6	59489	Perennial-Wind Chaser LLC	IPP	Perennial Wind Chaser Station	OR	59721	GT3	98.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	106.0
2018	6	59489	Perennial-Wind Chaser LLC	IPP	Perennial Wind Chaser Station	OR	59721	GT4	98.7	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	106.0
2018	6	54866	Robinson Power Company LLC	IPP	Robinson Power Company LLC	PA	56453	CTG1	699.2	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	732.6
2018	6	40192	Shady Hills Power Co LLC	IPP	Shady Hills Generating Station	FL	55414	G401	200.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	259.0
2018	6	40192	Shady Hills Power Co LLC	IPP	Shady Hills Generating Station	FL	55414	G501	200.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	259.0
2018	6	19511	University of Alaska	Commercial	University of Alaska Fairbanks	AK	50711	GEN5	17.0	Conventional Steam Coal	SUB	ST	(P) Planned for installation, but regulatory approvals not initiated	17.0
2018	7	58881	Apex Bethel Energy Center	IPP	Apex Bethel Energy Center	TX	59048	ABEC1	158.5	Natural Gas with Compressed Air Storage	NG	CE	(T) Regulatory approvals received. Not under construction	158.5
2018	7	58881	Apex Bethel Energy Center	IPP	Apex Bethel Energy Center	TX	59048	ABEC2	158.5	Natural Gas with Compressed Air Storage	NG	CE	(T) Regulatory approvals received. Not under construction	158.5
2018	7	58798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	GTG1	41.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	41.0
2018	7	58798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	GTG2	41.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	41.0
2018	7	58798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	GTG3	41.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	41.0
2018	7	58798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	STG1	64.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated	64.0
2018	7	58798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	STG2	64.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated	64.0
2018	7	54863	U S Power Generating Company LLC	IPP	Gowanus Gas Turbines Generating	NY	2494	SS	90.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	93.0
2018	9	56266	Green Gas Americas, Inc.	IPP	Pioneer Crossing Landfill Gas to Energy	PA	56957	LFG6	1.6	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	1.6
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CEC 6	105.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	105.3
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CEC 7	105.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	105.3
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CEC 8	105.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	105.3
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CEC 9	105.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	105.3
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CEC10	105.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	105.3
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CEC11	105.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	105.3
2018	12	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	02B	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	40.0
2018	12	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	03A	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	40.0
2018	12	7140	Georgia Power Co	Electric Utility	Vogtle	GA	649	4	1,100.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete	1,100.0
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-1	47.2	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	64.5
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-2	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	64.5
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-3	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	64.5
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-4	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	64.5
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-5	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	64.5
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-6	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	64.5
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	ST-1	50.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	51.0
2018	12	58722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	ST-2	50.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	51.0
2018	12	4202	Phillips 66-Ponca City Refinery	Industrial	Ponca City Refinery	OK	52188	G1A	3.0	Other Gases	OG	ST	(P) Planned for installation, but regulatory approvals not initiated	5.0
2018	12	58842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	58987	I-B	813.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	813.0
2018	12	2782	Terra-Gen Operating Company	IPP	Dixie Valley Power Partnership	NV	10681	GEN1	25.0	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	28.0
2019	1	20856	Wisconsin Power & Light Co	IPP	Riverside Energy Center	WI	55641	CTG3				CT	(P) Planned for installation, but regulatory approvals not initiated	650.0
2019	1	20856	Wisconsin Power & Light Co	IPP	Riverside Energy Center	WI	55641	CTG4				CT	(P) Planned for installation, but regulatory approvals not initiated	
2019	1	20856	Wisconsin Power & Light Co	IPP	Riverside Energy Center	WI	55641	STG2				CA	(P) Planned for installation, but regulatory approvals not initiated	
2019	4	15473	Public Service Co of NM	Electric Utility	La Luz Energy Center	NM	58284	0002	40.2	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	42.3
2019	5	18454	Tampa Electric Co	Electric Utility	Tampa Electric Co NA 2	FL	56352	1	149.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	180.0
2019	6	7277	Calpine Corporation	IPP	Wild Horse Power Plant	CA	57181	1	40.0	Geothermal	GEO	ST	(T) Regulatory approvals received. Not under construction	48.0
2019	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	3A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	122.0
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG01		Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	100.0
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG02		Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	100.0
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG03		Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	100.0
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG04		Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	100.0
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG05		Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	100.0
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG06		Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	100.0
2019	9	59142	Hydrogen Energy California, LLC	Electric CHP	Hydrogen Energy California LLC	CA	59372	HECA1	413.0	Coal Integrated Gasification Combined Cycle	SGC	CS	(L) Regulatory approvals pending. Not under construction	421.0
2019	12	49745	Cash Creek Generating LLC	IPP	Cash Creek	KY	56107	CT1	301.5	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	319.5
2019	12	49745	Cash Creek Generating LLC	IPP	Cash Creek	KY	56107	CT2	301.5	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	319.5
2019	12	49745	Cash Creek Generating LLC	IPP	Cash Creek	KY	56107	ST	187.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated	187.0
2019	12	28086	Energy Unlimited Inc	IPP	Painted Hills IV Wind	CA	56926	1	19.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	19.5
2019	12	56983	Gibson County Generation LLC	IPP	Gibson County Generation Station	TN	57709	1	371.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	432.0
2019	12	14354	PacifiCorp	Electric Utility	Blundell	UT	299	3	35.0	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	30.0
2020	5	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT5	42.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	60.0
2020	5	18454	Tampa Electric Co	Electric Utility	Tampa Electric Co NA 2	FL	56352	2	190.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	220.0
2020	9	7277	Calpine Corporation	IPP	Buckeye Geothermal Power Plant	CA	57180	1	49.9	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction	56.9
2020	10	5580	East Kentucky Power Coop, Inc	Electric Utility	Green Valley LFGTE	KY	56278	4	0.8	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	0.8
2020	12	7277	Calpine Corporation	IPP	Telephone Flat	CA	55846	1	42.0	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	49.9
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	8	209.5	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	209.5
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	9	209.5	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	108.8
2020	12	58842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	58987	II-A	750.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	750.0
2021	4	55927	Power4Georgians LLC	Electric Utility	Plant Washington	GA	56675	MAIN	850.0	Conventional Steam Coal	SUB	ST	(T) Regulatory approvals received. Not under construction	850.0
2021	12	58842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	58987	II-B	750.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	750.0
2022	1	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS1	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	101.0
2022	12	56943	Blackstone Wind Farm III LLC	IPP	Blackstone Wind Farm III	IL	57618	GEN1	200.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	200.0
2022	12	56944	Blackstone Wind Farm IV LLC	IPP	Blackstone Wind Farm IV	IL	57619	GEN1	100.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	100.0
2022	12	7277	Calpine Corporation	IPP	Four Mile Hill	CA	55845	1	42.0	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	49.9
2022	12	56425	Simpson Ridge Wind Farm LLC	IPP	Simpson Ridge Wind Farm LLC	WY	57117	GEN 1	50.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	50.0
2023	1	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS2	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	101.0

NOTES:

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a significant portion of capacity for some technologies such as solar photovoltaic generation.

Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators.

Descriptions for the Energy Source Codes and the Prime Mover Codes listed in the table can be found in the Technical Notes.

Table 6.6. Planned U.S. Electric Generating Unit Retirements

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2015	3	6204	City of Farmington - (NM)	Electric Utility	Animas	NM	2465	1	3.0	Natural Gas Fired Combined Cycle	NG	CA
2015	3	6204	City of Farmington - (NM)	Electric Utility	Animas	NM	2465	2	3.0	Natural Gas Fired Combined Cycle	NG	CA
2015	3	57450	Martin Midstream Partnership,LP	Industrial	Cross Oil Refining & Marketing, Inc	AR	58077	CROSS	3.5	Natural Gas Fired Combustion Turbine	NG	GT
2015	3	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 2	0.5	Conventional Steam Coal	BIT	ST
2015	3	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 3	0.6	Conventional Steam Coal	BIT	ST
2015	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	1	23.0	Conventional Steam Coal	BIT	ST
2015	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	2	23.0	Conventional Steam Coal	BIT	ST
2015	4	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Ashtabula	OH	2835	5	244.0	Conventional Steam Coal	SUB	ST
2015	4	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	1	132.0	Conventional Steam Coal	SUB	ST
2015	4	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	2	132.0	Conventional Steam Coal	SUB	ST
2015	4	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	3	132.0	Conventional Steam Coal	SUB	ST
2015	4	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Lake Shore	OH	2838	18	245.0	Conventional Steam Coal	SUB	ST
2015	4	7140	Georgia Power Co	Electric Utility	Harllee Branch	GA	709	1	266.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Harllee Branch	GA	709	3	509.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Harllee Branch	GA	709	4	507.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	McManus	GA	715	1	43.0	Petroleum Liquids	RFO	ST
2015	4	7140	Georgia Power Co	Electric Utility	McManus	GA	715	2	79.0	Petroleum Liquids	RFO	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	1	97.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	2	103.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	3	111.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	4	133.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	5	135.0	Conventional Steam Coal	BIT	ST
2015	4	7801	Gulf Power Co	Electric Utility	Scholz	FL	642	1	46.0	Conventional Steam Coal	BIT	ST
2015	4	7801	Gulf Power Co	Electric Utility	Scholz	FL	642	2	46.0	Conventional Steam Coal	BIT	ST
2015	4	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	1	37.4	Conventional Steam Coal	SUB	ST
2015	4	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	2	80.8	Conventional Steam Coal	SUB	ST
2015	4	12384	Midwest Generations EME LLC	IPP	Will County	IL	884	3	251.0	Conventional Steam Coal	SUB	ST
2015	4	14354	PacifiCorp	Electric Utility	Carbon	UT	3644	1	67.0	Conventional Steam Coal	BIT	ST
2015	4	14354	PacifiCorp	Electric Utility	Carbon	UT	3644	2	105.0	Conventional Steam Coal	BIT	ST
2015	4	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	8	465.0	Conventional Steam Coal	BIT	ST
2015	5	12647	ALLETE, Inc.	Electric Utility	Taconite Harbor Energy Center	MN	10075	GEN3	83.6	Conventional Steam Coal	SUB	ST
2015	5	11713	City of Marshall - (MI)	Electric Utility	Marshall (MI)	MI	1844	IC2	0.9	Other Natural Gas	NG	IC
2015	5	11713	City of Marshall - (MI)	Electric Utility	Marshall (MI)	MI	1844	IC4	0.7	Petroleum Liquids	DFO	IC
2015	5	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	4	155.0	Conventional Steam Coal	BIT	ST
2015	5	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	5	168.0	Conventional Steam Coal	BIT	ST
2015	5	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	6	240.0	Conventional Steam Coal	BIT	ST
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C1	20.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C2	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C3	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C4	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	1	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	2	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	3	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	4	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	5	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	6	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	7	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	8	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT1	46.0	Petroleum Liquids	DFO	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT2	46.0	Petroleum Liquids	DFO	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT3	46.0	Petroleum Liquids	DFO	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT4	46.0	Petroleum Liquids	DFO	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	121	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	122	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	123	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	124	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	58544	Sierra Nevada Brewing Co	Industrial	Sierra Nevada Brewing Co	CA	58585	FCE	1.0	Other Natural Gas	NG	FC
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Kammer	WV	3947	1	200.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Kammer	WV	3947	2	200.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Kammer	WV	3947	3	200.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	1	190.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	2	190.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	3	205.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	4	205.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	5	585.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Picway	OH	2843	5	95.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Clinch River	VA	3775	3	230.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Glen Lyn	VA	3776	5	90.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Glen Lyn	VA	3776	6	235.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Kanawha River	WV	3936	1	200.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Kanawha River	WV	3936	2	200.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	1	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	2	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	3	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	4	145.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	1	58.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	2	55.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	3	63.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	5	63.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	6	63.0	Conventional Steam Coal	BIT	ST
2015	6	3542	Duke Energy Ohio Inc	Electric Utility	Miami Fort	OH	2832	6	163.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	1	145.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	2	145.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	3	200.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	4	500.0	Conventional Steam Coal	BIT	ST
2015	6	22053	Kentucky Power Co	Electric Utility	Big Sandy	KY	1353	2	800.0	Conventional Steam Coal	BIT	ST
2015	6	13781	Northern States Power Co - Minnesota	Electric Utility	Alliant Techsystems	MN	7376	1	1.6	Petroleum Liquids	DFO	IC
2015	6	15147	PSEG Fossil LLC	IPP	Bergen Generating Station	NJ	2398	3	21.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	111	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	112	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	113	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	114	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	8	22.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	11	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	12	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	13	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	14	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	21	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	22	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	23	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	24	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	31	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	32	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	33	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	34	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	101	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	102	43.0	Natural Gas Fired Combustion Turbine	NG	GT

Table 6.6. Planned U.S. Electric Generating Unit Retirements

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	103	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	104	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	111	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	112	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	113	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	114	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Mercer Generating Station	NJ	2408	3	115.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG National Park Generating Station	NJ	2409	1	21.0	Petroleum Liquids	KER	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Sewaren Generating Station	NJ	2411	6	105.0	Petroleum Liquids	KER	GT
2015	6	15478	PSEG Nuclear LLC	IPP	PSEG Salem Generating Station	NJ	2410	3	38.4	Petroleum Liquids	DFO	GT
2015	6	20860	Wisconsin Public Service Corp	Electric Utility	Pulliam	WI	4072	5	47.7	Conventional Steam Coal	SUB	ST
2015	6	20860	Wisconsin Public Service Corp	Electric Utility	Pulliam	WI	4072	6	69.8	Conventional Steam Coal	SUB	ST
2015	6	20860	Wisconsin Public Service Corp	Electric Utility	Weston	WI	4078	1	50.7	Conventional Steam Coal	SUB	ST
2015	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	8	103.8	Conventional Hydroelectric	WAT	HY
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN1	4.0	Wood/Wood Waste Biomass	BLQ	ST
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN2	4.0	Wood/Wood Waste Biomass	BLQ	ST
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN3	7.5	Wood/Wood Waste Biomass	BLQ	ST
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN4	7.5	Wood/Wood Waste Biomass	BLQ	ST
2015	10	8198	City of Harrisonburg - (VA)	Electric Utility	Harrisonburg Power Plant	VA	56006	ST-1	2.7	Other Natural Gas	NG	ST
2015	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	1	8.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	2	8.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	3	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	4	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	8776	City of Holyoke Gas and Electric Dept.	Electric Utility	Harris Energy Realty	MA	54981	ALBA	0.3	Conventional Hydroelectric	WAT	HY
2015	12	8776	City of Holyoke Gas and Electric Dept.	Electric Utility	Harris Energy Realty	MA	54981	ALBD	0.4	Conventional Hydroelectric	WAT	HY
2015	12	8776	City of Holyoke Gas and Electric Dept.	Electric Utility	Harris Energy Realty	MA	54981	NONO	0.5	Conventional Hydroelectric	WAT	HY
2015	12	13971	City of Odessa - (MO)	Electric Utility	Odessa	MO	2148	3	1.8	Petroleum Liquids	DFO	IC
2015	12	13971	City of Odessa - (MO)	Electric Utility	Odessa	MO	2148	6	2.7	Petroleum Liquids	DFO	IC
2015	12	13971	City of Odessa - (MO)	Electric Utility	Odessa	MO	2148	IC4	0.8	Petroleum Liquids	DFO	IC
2015	12	8287	Hawaii Electric Light Co Inc	Electric Utility	Shipman	HI	6478	3	7.5	Petroleum Liquids	RFO	ST
2015	12	8287	Hawaii Electric Light Co Inc	Electric Utility	Shipman	HI	6478	4	7.5	Petroleum Liquids	RFO	ST
2015	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	3	79.0	Conventional Steam Coal	SUB	ST
2015	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	4	153.0	Conventional Steam Coal	SUB	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN1	1.6	Other Natural Gas	NG	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN2	1.6	Other Natural Gas	NG	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN4	5.2	Other Natural Gas	NG	ST
2015	12	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS1	0.9	Conventional Hydroelectric	WAT	HY
2015	12	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS2	0.9	Conventional Hydroelectric	WAT	HY
2015	12	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS3	0.9	Conventional Hydroelectric	WAT	HY
2015	12	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS4	0.9	Conventional Hydroelectric	WAT	HY
2015	12	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS5	0.9	Conventional Hydroelectric	WAT	HY
2015	12	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS6	0.9	Conventional Hydroelectric	WAT	HY
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	3	152.0	Conventional Steam Coal	BIT	ST
2015	12	15466	Public Service Co of Colorado	Electric Utility	Ponnequin	CO	7937	30	9.9	Onshore Wind Turbine	WND	WT
2015	12	15466	Public Service Co of Colorado	Electric Utility	Ponnequin	CO	7937	8	15.4	Onshore Wind Turbine	WND	WT
2015	12	15466	Public Service Co of Colorado	Electric Utility	Zuni	CO	478	2	60.0	Other Natural Gas	NG	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	1	6.6	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	2	7.0	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	3	20.0	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	4	46.4	Conventional Steam Coal	BIT	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	10	141.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	5	107.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	6	107.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	7	141.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	8	141.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	9	141.0	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Edgewater	WI	4050	3	47.2	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Nelson Dewey Generating Station	WI	4054	1	103.1	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Nelson Dewey Generating Station	WI	4054	2	103.1	Conventional Steam Coal	SUB	ST
2016	1	9231	City of Independence - (MO)	Electric Utility	Missouri City	MO	2171	1	19.0	Conventional Steam Coal	BIT	ST
2016	1	9231	City of Independence - (MO)	Electric Utility	Missouri City	MO	2171	2	19.0	Conventional Steam Coal	BIT	ST
2016	1	11142	City of Logansport - (IN)	Electric Utility	Logansport	IN	1032	4	16.5	Conventional Steam Coal	BIT	ST
2016	1	11142	City of Logansport - (IN)	Electric Utility	Logansport	IN	1032	5	22.0	Conventional Steam Coal	BIT	ST
2016	1	11142	City of Logansport - (IN)	Electric Utility	Logansport	IN	1032	6	15.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	1	9788	John Deere Harvester Works Co	Industrial	John Deere Harvester Works	IL	10039	GEN6	2.5	Conventional Steam Coal	BIT	ST
2016	1	9788	John Deere Harvester Works Co	Industrial	John Deere Harvester Works	IL	10039	GEN7	0.8	Conventional Steam Coal	BIT	ST
2016	1	10000	Kansas City Power & Light Co	Electric Utility	Montrose	MO	2080	1	170.0	Conventional Steam Coal	SUB	ST
2016	1	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	3	445.0	Other Natural Gas	NG	ST
2016	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT1	12.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	3	6455	Duke Energy Florida, Inc	Electric Utility	Crystal River	FL	628	1	370.0	Conventional Steam Coal	BIT	ST
2016	3	6455	Duke Energy Florida, Inc	Electric Utility	Crystal River	FL	628	2	499.0	Conventional Steam Coal	BIT	ST
2016	3	18642	Tennessee Valley Authority	Electric Utility	Colbert	AL	47	1	178.0	Conventional Steam Coal	BIT	ST
2016	3	18642	Tennessee Valley Authority	Electric Utility	Colbert	AL	47	2	178.0	Conventional Steam Coal	BIT	ST
2016	3	18642	Tennessee Valley Authority	Electric Utility	Colbert	AL	47	3	178.0	Conventional Steam Coal	BIT	ST
2016	3	18642	Tennessee Valley Authority	Electric Utility	Colbert	AL	47	4	178.0	Conventional Steam Coal	BIT	ST
2016	3	54843	WM Illinois Renewable Energy LLC	IPP	Lake Gas Recovery	IL	50575	GEN2	2.9	Landfill Gas	LFG	GT
2016	3	54843	WM Illinois Renewable Energy LLC	IPP	Lake Gas Recovery	IL	50575	GEN3	2.9	Landfill Gas	LFG	GT
2016	3	54842	WM Renewable Energy LLC	IPP	BJ Gas Recovery	GA	54392	GEN1	0.8	Landfill Gas	LFG	IC
2016	3	54842	WM Renewable Energy LLC	IPP	BJ Gas Recovery	GA	54392	GEN3	0.8	Landfill Gas	LFG	IC
2016	3	54842	WM Renewable Energy LLC	IPP	Monroe Livingston Gas Recovery	NY	50565	GEN2	0.8	Landfill Gas	LFG	IC
2016	4	803	Arizona Public Service Co	Electric Utility	Cholla	AZ	113	2	260.0	Conventional Steam Coal	SUB	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	2	85.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	3	85.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	4	85.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	5	95.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	6	318.0	Conventional Steam Coal	BIT	ST
2016	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	3	74.0	Conventional Steam Coal	BIT	ST
2016	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	4	75.0	Conventional Steam Coal	BIT	ST
2016	4	7140	Georgia Power Co	Electric Utility	Kraft	GA	733	2	52.0	Conventional Steam Coal	BIT	ST
2016	4	7140	Georgia Power Co	Electric Utility	Kraft	GA	733	3	101.0	Conventional Steam Coal	BIT	ST
2016	4	7140	Georgia Power Co	Electric Utility	Kraft	GA	733	4	115.0	Other Natural Gas	NG	ST
2016	4	7140	Georgia Power Co	Electric Utility	Kraft	GA	733	ST1	48.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	3	40.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	4	56.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	5	62.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	6	99.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	IC1	3.0	Petroleum Liquids	DFO	IC
2016	4	10171	Kentucky Utilities Co	Electric Utility	Green River	KY	1357	3	68.0	Conventional Steam Coal	BIT	ST
2016	4	10171	Kentucky Utilities Co	Electric Utility	Green River	KY	1357	4	95.0	Conventional Steam Coal	BIT	ST
2016	4	12341	MidAmerican Energy Co	Electric Utility	George Neal North	IA	1091	1	134.3	Conventional Steam Coal	SUB	ST
2016	4	12341	MidAmerican Energy Co	Electric Utility	George Neal North	IA	1091	2	283.7	Conventional Steam Coal	SUB	ST
2016	4	12869	Monterey Regional Waste Mgmt	Commercial	Marina Landfill Gas	CA	10748	U3J98	1.0	Landfill Gas	LFG	IC
2016	4	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	4	103.8	Conventional Hydroelectric	WAT	HY
2016	4	15474	Public Service Co of Oklahoma	Electric Utility	Northeastern	OK	2963	4	460.0	Conventional Steam Coal	SUB	ST
2016	4	17698	Southwestern Electric Power Co	Electric Utility	Welsh	TX	6139	2	528.0	Conventional Steam Coal	SUB	ST
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Avon Park	FL	624	P1	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Avon Park	FL	624	P2	24.0	Petroleum Liquids	DFO	GT

Table 6.6. Planned U.S. Electric Generating Unit Retirements

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	G E Turner	FL	629	P1	10.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	G E Turner	FL	629	P2	10.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P1	20.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P2	25.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P3	30.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P4	30.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Rio Pinar	FL	637	P1	12.0	Petroleum Liquids	DFO	GT
2016	5	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC1	2.0	Petroleum Liquids	DFO	IC
2016	5	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC2	2.0	Petroleum Liquids	DFO	IC
2016	5	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC3	2.0	Petroleum Liquids	DFO	IC
2016	5	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC4	2.0	Petroleum Liquids	DFO	IC
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	8	54.0	Conventional Steam Coal	SUB	ST
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	9	12.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	6	14328	Pacific Gas & Electric Co	Electric Utility	Cow Creek	CA	229	1	0.9	Conventional Hydroelectric	WAT	HY
2016	6	14328	Pacific Gas & Electric Co	Electric Utility	Cow Creek	CA	229	2	0.9	Conventional Hydroelectric	WAT	HY
2016	6	14328	Pacific Gas & Electric Co	Electric Utility	Kilarc	CA	253	1	1.6	Conventional Hydroelectric	WAT	HY
2016	6	14328	Pacific Gas & Electric Co	Electric Utility	Kilarc	CA	253	2	1.6	Conventional Hydroelectric	WAT	HY
2016	6	18125	Stillwater Utilities Authority	Electric Utility	Boomer Lake Station	OK	3000	1	11.5	Other Natural Gas	NG	ST
2016	6	18125	Stillwater Utilities Authority	Electric Utility	Boomer Lake Station	OK	3000	2	13.0	Other Natural Gas	NG	ST
2016	6	54842	WM Renewable Energy LLC	IPP	New Milford Gas Recovery	CT	50564	GEN4	0.8	Landfill Gas	LFG	IC
2016	7	7140	Georgia Power Co	Electric Utility	Mitchell (GA)	GA	727	3	155.0	Conventional Steam Coal	BIT	ST
2016	7	17578	South Orange Co Wastewtr Auth	Commercial	Aliso Water Management Agency	CA	10820	GEN1	0.4	Other Waste Biomass	OBG	IC
2016	7	17578	South Orange Co Wastewtr Auth	Commercial	Aliso Water Management Agency	CA	10820	GEN2	0.4	Other Waste Biomass	OBG	IC
2016	7	17578	South Orange Co Wastewtr Auth	Commercial	Aliso Water Management Agency	CA	10820	GEN3	0.4	Other Waste Biomass	OBG	IC
2016	8	14534	City of Pasadena - (CA)	Electric Utility	Broadway (CA)	CA	420	B3	71.0	Other Natural Gas	NG	ST
2016	8	57322	Naval Facilities Engineering Command	Commercial	Goddard Steam Plant	MD	57944	1	5.0	Conventional Steam Coal	BIT	ST
2016	8	57322	Naval Facilities Engineering Command	Commercial	Goddard Steam Plant	MD	57944	2	5.0	Conventional Steam Coal	BIT	ST
2016	9	12869	Monterey Regional Waste Mgmt	Commercial	Marina Landfill Gas	CA	10748	U2J02	1.0	Landfill Gas	LFG	IC
2016	10	18445	City of Tallahassee - (FL)	Electric Utility	S O Purdom	FL	689	GT1	10.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	10	18445	City of Tallahassee - (FL)	Electric Utility	S O Purdom	FL	689	GT2	10.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	11	55932	Georgia-Pacific Brewton LLC	Industrial	Georgia-Pacific Brewton Mill	AL	54789	1TG	10.5	Wood/Wood Waste Biomass	BLQ	ST
2016	12	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	6	103.0	Conventional Steam Coal	BIT	ST
2016	12	4045	City of Columbia - (MO)	Electric Utility	Columbia (MO)	MO	2123	5	16.5	Conventional Steam Coal	BIT	ST
2016	12	5347	Dow Chemical Co	Industrial	LaO Energy Systems	LA	52006	GEN7	95.0	Natural Gas Fired Combined Cycle	NG	CT
2016	12	49756	Illinois Power Resources Generating LLC	Electric Utility	E D Edwards	IL	856	1	95.0	Conventional Steam Coal	SUB	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT1	16.5	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT2	13.9	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT3	15.4	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT4	16.1	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	1	1.8	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	2	2.1	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	3	1.9	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT1	24.7	Petroleum Liquids	DFO	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT2	27.3	Petroleum Liquids	DFO	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	3	30.9	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	4	35.9	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	IC1	2.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	IC2	1.4	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	1	12.8	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	3	79.1	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	1	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	2	19.4	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Hills	MN	1889	1	2.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Hills	MN	1889	2	2.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	1	28.7	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	3	82.0	Other Natural Gas	NG	ST
2016	12	13960	NRG Cabrillo Power Ops Inc	IPP	El Cajon	CA	301	ENCI	16.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA2	59.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA3	61.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	13960	NRG Cabrillo Power Ops Inc	IPP	Miramar	CA	305	MRGT	36.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	15908	NRG California South LP	IPP	Coolwater	CA	329	1	63.0	Other Natural Gas	NG	ST
2016	12	15908	NRG California South LP	IPP	Coolwater	CA	329	2	82.0	Other Natural Gas	NG	ST
2017	1	19876	Virginia Electric & Power Co	Electric Utility	Yorktown	VA	3809	1	159.0	Conventional Steam Coal	BIT	ST
2017	1	19876	Virginia Electric & Power Co	Electric Utility	Yorktown	VA	3809	2	164.0	Conventional Steam Coal	BIT	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	5	55.0	Conventional Steam Coal	BIT	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	6	55.0	Conventional Steam Coal	BIT	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	7	78.0	Conventional Steam Coal	SUB	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	8	78.0	Conventional Steam Coal	SUB	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	9	78.0	Conventional Steam Coal	SUB	ST
2017	2	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	6	103.8	Conventional Hydroelectric	WAT	HY
2017	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT2	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	5	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	6	45.0	Other Natural Gas	NG	ST
2017	5	12628	NRG Chalk Point LLC	IPP	Chalk Point LLC	MD	1571	ST1	331.0	Conventional Steam Coal	BIT	ST
2017	5	12628	NRG Chalk Point LLC	IPP	Chalk Point LLC	MD	1571	ST2	336.0	Conventional Steam Coal	BIT	ST
2017	5	15452	PSEG Power Connecticut LLC	IPP	Bridgeport Station	CT	568	4	16.0	Petroleum Liquids	KER	GT
2017	6	142	AES Beaver Valley	Electric CHP	AES Beaver Valley Partners Beaver Valley	PA	10676	GEN2	32.0	Conventional Steam Coal	BIT	ST
2017	6	142	AES Beaver Valley	Electric CHP	AES Beaver Valley Partners Beaver Valley	PA	10676	GEN3	114.0	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	1	239.3	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	2	238.9	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	3	605.3	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	4	435.0	Petroleum Liquids	RFO	ST
2017	6	11820	Massachusetts Inst of Tech	Commercial	Mass Inst Tech Cntrl Utilities/Cogen Plt	MA	54907	CTG1	19.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	6	18642	Tennessee Valley Authority	Electric Utility	Paradise	KY	1378	1	628.0	Conventional Steam Coal	BIT	ST
2017	6	18642	Tennessee Valley Authority	Electric Utility	Paradise	KY	1378	2	602.0	Conventional Steam Coal	BIT	ST
2017	10	5677	Waste Energy Services Inc	Electric CHP	Waste Energy Services	MI	50077	CAT1	0.5	Landfill Gas	LFG	IC
2017	10	5677	Waste Energy Services Inc	Electric CHP	Waste Energy Services	MI	50077	CAT2	0.3	Landfill Gas	LFG	IC
2017	10	5677	Waste Energy Services Inc	Electric CHP	Waste Energy Services	MI	50077	CAT3	0.3	Landfill Gas	LFG	IC
2017	10	5677	Waste Energy Services Inc	Electric CHP	Waste Energy Services	MI	50077	CAT4	0.3	Landfill Gas	LFG	IC
2017	12	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	7	104.0	Conventional Steam Coal	BIT	ST
2017	12	463	Ameresco LFG I Inc	IPP	Al Turi	NY	10549	3010	0.8	Landfill Gas	LFG	IC
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	4	83.0	Natural Gas Fired Combined Cycle	NG	CA
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT1	72.0	Natural Gas Fired Combined Cycle	NG	CT
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT2	72.0	Natural Gas Fired Combined Cycle	NG	CT
2017	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	7	46.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	2	104.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	3	110.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	4	300.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	5	330.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	GT1	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	ST1	106.0	Other Natural Gas	NG	ST
2017	12	13407	Nevada Power Co	Electric Utility	Reid Gardner	NV	2324	4	257.0	Conventional Steam Coal	BIT	ST
2017	12	59099	New Dimension Energy Company, LLC	IPP	Altamont Midway Ltd	CA	50001	WTGS	10.9	Onshore Wind Turbine	WND	WT
2017	12	59099	New Dimension Energy Company, LLC	IPP	Altech	CA	50818	GEN1	10.5	Onshore Wind Turbine	WND	WT
2017	12	59099	New Dimension Energy Company, LLC	IPP	Santa Clara (85C)	CA	50534	WGNS	18.0	Onshore Wind Turbine	WND	WT
2017	12	13781	Northern States Power Co - Minnesota	Electric Utility	Red Wing	MN	1926	1	9.0	Municipal Solid Waste	MSW	ST
2017	12	13781	Northern States Power Co - Minnesota	Electric Utility	Red Wing	MN	1926	2	9.0	Municipal Solid Waste	MSW	ST
2017	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wilmarth	MN	1934	1	9.0	Municipal Solid Waste	MSW	ST

Table 6.6. Planned U.S. Electric Generating Unit Retirements

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2017	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wilmarth	MN	1934	2	9.0	Municipal Solid Waste	MSW	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	1	52.0	Other Natural Gas	NG	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	2	52.0	Other Natural Gas	NG	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	3	117.0	Other Natural Gas	NG	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	4	250.0	Other Natural Gas	NG	ST
2017	12	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	3	103.8	Conventional Hydroelectric	WAT	HY
2017	12	15473	Public Service Co of NM	Electric Utility	San Juan	NM	2451	2	340.0	Conventional Steam Coal	BIT	ST
2017	12	15473	Public Service Co of NM	Electric Utility	San Juan	NM	2451	3	497.0	Conventional Steam Coal	BIT	ST
2017	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	1	107.0	Conventional Steam Coal	SUB	ST
2017	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	2	107.0	Conventional Steam Coal	SUB	ST
2017	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	3	107.0	Conventional Steam Coal	SUB	ST
2017	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	4	107.0	Conventional Steam Coal	SUB	ST
2018	1	12541	City of Milford - (IA)	Electric Utility	Milford	IA	1164	1	0.6	Petroleum Liquids	DFO	IC
2018	1	12541	City of Milford - (IA)	Electric Utility	Milford	IA	1164	4	0.5	Petroleum Liquids	DFO	IC
2018	1	17891	City of St Marys - (OH)	Electric Utility	St Marys	OH	2942	7	12.0	Petroleum Liquids	DFO	GT
2018	1	15466	Public Service Co of Colorado	Electric Utility	Valmont	CO	477	5	184.0	Conventional Steam Coal	BIT	ST
2018	5	6455	Duke Energy Florida, Inc	Electric Utility	Suwannee River	FL	638	1	28.0	Petroleum Liquids	RFO	ST
2018	5	6455	Duke Energy Florida, Inc	Electric Utility	Suwannee River	FL	638	2	29.0	Petroleum Liquids	RFO	ST
2018	5	6455	Duke Energy Florida, Inc	Electric Utility	Suwannee River	FL	638	3	71.0	Petroleum Liquids	RFO	ST
2018	5	12653	GenOn Mid-Atlantic LLC	IPP	Dickerson	MD	1572	2	173.0	Conventional Steam Coal	BIT	ST
2018	5	12653	GenOn Mid-Atlantic LLC	IPP	Dickerson	MD	1572	3	173.0	Conventional Steam Coal	BIT	ST
2018	5	12653	GenOn Mid-Atlantic LLC	IPP	Dickerson	MD	1572	ST1	173.0	Conventional Steam Coal	BIT	ST
2018	6	9397	International Turbine Res Inc	IPP	Dinosaur Point	CA	10005	WTGS	17.0	Onshore Wind Turbine	WND	WT
2018	7	7308	Hawkeye Energy Greenport LLC	IPP	Hawkeye Energy Greenport LLC	NY	55969	U-01	52.5	Petroleum Liquids	KER	GT
2018	9	17166	Sierra Pacific Power Co	Electric Utility	Fort Churchill	NV	2330	1	113.0	Other Natural Gas	NG	ST
2018	12	16604	City of San Antonio - (TX)	Electric Utility	J T Deely	TX	6181	1	420.0	Conventional Steam Coal	SUB	ST
2018	12	16604	City of San Antonio - (TX)	Electric Utility	J T Deely	TX	6181	2	420.0	Conventional Steam Coal	SUB	ST
2018	12	12384	Midwest Generations EME LLC	IPP	Will County	IL	884	4	510.0	Conventional Steam Coal	SUB	ST
2018	12	13781	Northern States Power Co - Minnesota	Electric Utility	Northern States Flambeau	WI	3984	1	12.0	Natural Gas Fired Combustion Turbine	NG	GT
2018	12	17539	South Carolina Electric&Gas Company	Electric Utility	McMeekin	SC	3287	1	125.0	Conventional Steam Coal	BIT	ST
2018	12	17539	South Carolina Electric&Gas Company	Electric Utility	McMeekin	SC	3287	2	125.0	Conventional Steam Coal	BIT	ST
2018	12	20856	Wisconsin Power & Light Co	Electric Utility	Edgewater	WI	4050	4	297.1	Conventional Steam Coal	SUB	ST
2019	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Lake Road (MO)	MO	2098	4	96.3	Conventional Steam Coal	SUB	ST
2019	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	1	47.7	Conventional Steam Coal	SUB	ST
2019	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	2	50.6	Conventional Steam Coal	SUB	ST
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	1	2.0	Petroleum Liquids	DFO	IC
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	2	2.0	Petroleum Liquids	DFO	IC
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	3	2.0	Petroleum Liquids	DFO	IC
2019	12	195	Alabama Power Co	Electric Utility	Barry	AL	3	1	138.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Barry	AL	3	2	137.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Gadsden	AL	7	1	64.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Gadsden	AL	7	2	66.0	Conventional Steam Coal	BIT	ST
2019	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	1	74.0	Other Natural Gas	NG	ST
2019	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	3	102.0	Other Natural Gas	NG	ST
2019	12	55951	Exelon Nuclear	IPP	Oyster Creek	NJ	2388	1	614.5	Nuclear	NUC	ST
2019	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	1	76.0	Other Natural Gas	NG	ST
2019	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	2	76.0	Other Natural Gas	NG	ST
2019	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	3	107.0	Other Natural Gas	NG	ST
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	1	39.0	Petroleum Liquids	DFO	GT
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	2	39.0	Petroleum Liquids	DFO	GT
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	3	36.0	Petroleum Liquids	DFO	GT
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	4	39.0	Petroleum Liquids	DFO	GT
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Saxon Falls	WI	1756	1	0.5	Conventional Hydroelectric	WAT	HY
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Saxon Falls	WI	1756	2	0.5	Conventional Hydroelectric	WAT	HY
2019	12	17718	Southwestern Public Service Co	Electric Utility	Plant X	TX	3485	1	38.0	Other Natural Gas	NG	ST
2019	12	17718	Southwestern Public Service Co	Electric Utility	Plant X	TX	3485	2	90.0	Other Natural Gas	NG	ST
2020	1	21622	The University of Texas at Dallas	Commercial	University of Texas at Dallas	TX	54607	GEN1	3.5	Other Natural Gas	NG	IC
2020	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	1	76.0	Other Natural Gas	NG	ST
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL00	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL01	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL02	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL03	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL04	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL05	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL06	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL07	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL08	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL09	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL10	0.1	Other Waste Biomass	OBG	FC
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	1	174.0	Other Natural Gas	NG	ST
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	2	177.0	Other Natural Gas	NG	ST
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	30	99.0	Natural Gas Fired Combined Cycle	NG	CA
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	31	73.0	Natural Gas Fired Combined Cycle	NG	CT
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	32	73.0	Natural Gas Fired Combined Cycle	NG	CT
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	40	99.0	Natural Gas Fired Combined Cycle	NG	CA
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	41	73.5	Natural Gas Fired Combined Cycle	NG	CT
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	42	73.5	Natural Gas Fired Combined Cycle	NG	CT
2020	12	14232	Otter Tail Power Co	Electric Utility	Hoot Lake	MN	1943	2	58.0	Conventional Steam Coal	SUB	ST
2020	12	14232	Otter Tail Power Co	Electric Utility	Hoot Lake	MN	1943	3	80.0	Conventional Steam Coal	SUB	ST
2020	12	14232	Otter Tail Power Co	Electric Utility	Hoot Lake	MN	1943	D1	0.2	Petroleum Liquids	DFO	IC
2020	12	14232	Otter Tail Power Co	Electric Utility	Hoot Lake	MN	1943	D2	0.1	Petroleum Liquids	DFO	IC
2020	12	15248	Portland General Electric Co	Electric Utility	Boardman	OR	6106	1	585.0	Conventional Steam Coal	SUB	ST
2020	12	17718	Southwestern Public Service Co	Electric Utility	Maddox	NM	2446	2	61.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	12	17718	Southwestern Public Service Co	Electric Utility	Maddox	NM	2446	3	10.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	12	17718	Southwestern Public Service Co	Electric Utility	Nichols	TX	3484	1	107.0	Other Natural Gas	NG	ST
2020	12	17718	Southwestern Public Service Co	Electric Utility	Plant X	TX	3485	3	93.0	Other Natural Gas	NG	ST
2020	12	19099	TransAlta Centralia Gen LLC	IPP	Transalta Centralia Generation	WA	3845	1	670.0	Conventional Steam Coal	SUB	ST
2020	12	19148	Veolia Energy Trenton L.P	Commercial	Veolia Energy Trenton L.P.	NJ	50094	7214	0.1	Other Natural Gas	NG	IC
2021	1	10000	Kansas City Power & Light Co	Electric Utility	Montrose	MO	2080	2	164.0	Conventional Steam Coal	SUB	ST
2021	1	10000	Kansas City Power & Light Co	Electric Utility	Montrose	MO	2080	3	176.0	Conventional Steam Coal	SUB	ST
2021	5	58435	Collinwood BioEnergy	Industrial	Collinwood BioEnergy Facility	OH	58439	CBE01	1.0	Other Waste Biomass	OBG	IC
2021	9	17166	Sierra Pacific Power Co	Electric Utility	Fort Churchill	NV	2330	2	113.0	Other Natural Gas	NG	ST
2021	12	12686	Mississippi Power Co	Electric Utility	Sweatt	MS	2048	1	46.0	Other Natural Gas	NG	ST
2021	12	12686	Mississippi Power Co	Electric Utility	Sweatt	MS	2048	2	46.0	Other Natural Gas	NG	ST
2021	12	17166	Sierra Pacific Power Co	Electric Utility	North Valmy	NV	8224	1	254.0	Conventional Steam Coal	BIT	ST
2022	8	6909	Gainesville Regional Utilities	Electric Utility	Deerhaven Generating Station	FL	663	1	75.0	Other Natural Gas	NG	ST
2022	9	177	AES Hawaii Inc	Electric CHP	AES Hawaii	HI	10673	GEN1	180.0	Conventional Steam Coal	BIT	ST
2022	12	17718	Southwestern Public Service Co	Electric Utility	Cunningham	NM	2454	1	71.0	Other Natural Gas	NG	ST
2022	12	17718	Southwestern Public Service Co	Electric Utility	Nichols	TX	3484	2	106.0	Other Natural Gas	NG	ST
2023	1	11135	City of Logan - (UT)	Electric Utility	Hydro III	UT	3675	HY1	0.7	Conventional Hydroelectric	WAT	HY
2023	1	11135	City of Logan - (UT)	Electric Utility	Hydro III	UT	3675	HY2	0.7	Conventional Hydroelectric	WAT	HY
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTA	21.7	Natural Gas Fired Combined Cycle	NG	CT
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTB	21.7	Natural Gas Fired Combined Cycle	NG	CT
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTC	21.7	Natural Gas Fired Combined Cycle	NG	CT
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	STM	24.0	Natural Gas Fired Combined Cycle	NG	CA
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Bay Front	WI	3982	4	15.0	Wood/Wood Waste Biomass	WDS	ST
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Bay Front	WI	3982	5	18.0	Wood/Wood Waste Biomass	WDS	ST

Table 6.6. Planned U.S. Electric Generating Unit Retirements

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Bay Front	WI	3982	6	23.0	Conventional Steam Coal	SUB	ST
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Cornell	WI	6086	1	6.2	Conventional Hydroelectric	WAT	HY
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Cornell	WI	6086	2	6.4	Conventional Hydroelectric	WAT	HY
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Cornell	WI	6086	3	6.9	Conventional Hydroelectric	WAT	HY
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Cornell	WI	6086	4	0.4	Conventional Hydroelectric	WAT	HY
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	1	9.0	Wood/Wood Waste Biomass	WDS	ST
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	2	8.0	Wood/Wood Waste Biomass	WDS	ST
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	3	61.0	Petroleum Liquids	DFO	GT
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	4	61.0	Petroleum Liquids	DFO	GT
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Granite City	MN	1910	1	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Granite City	MN	1910	2	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Granite City	MN	1910	3	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Granite City	MN	1910	4	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2023	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Horseshoe Lake	OK	2951	6	169.0	Other Natural Gas	NG	ST
2034	4	58944	Enerparc CA 1, LLC	IPP	Enerparc CA1 LLC	CA	59122	ECA11	1.5	Solar Photovoltaic	SUN	PV
2034	12	58976	PsomasFMG Lancaster Solar Crest, LLC	IPP	Avalon Solar	AZ	59168	AS	29.0	Solar Photovoltaic	SUN	PV
2036	7	2338	Calpine Central LP	IPP	Mankato Energy Center	MN	56104	CTG2	160.0	Natural Gas Fired Combined Cycle	NG	CT
2036	7	2338	Calpine Central LP	IPP	Mankato Energy Center	MN	56104	STG1	140.0	Natural Gas Fired Combined Cycle	NG	CA
2045	12	195	Alabama Power Co	Electric Utility	Holt Dam	AL	12	1	45.0	Conventional Hydroelectric	WAT	HY

NOTES:

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of capacity for some technologies such as solar photovoltaic generation.

Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators.

Descriptions for the Energy Source Codes and the Prime Mover Codes listed in the table can be found in the Technical Notes.

Table 6.7.A. Capacity Factors for Utility Scale Generators Primarily Using Fossil Fuels, January 2013-February 2015

	Coal	Natural Gas				Petroleum		
Period		Natural Gas Fired Combined Cycle	Natural Gas Fired Combustion Turbine	Steam Turbine	Internal Combustion Engine	Steam Turbine	Petroleum Liquids Fired Combustion Turbine	Internal Combustion Engine
Annual Factors								
2013	59.7%	48.2%	4.9%	10.6%	6.1%	12.1%	0.8%	2.2%
2014	60.9%	47.8%	4.8%	10.0%	NA	12.8%	1.1%	7.1%
								2013
January	61.2%	46.3%	3.6%	7.3%	4.6%	10.0%	0.7%	2.7%
February	60.6%	46.7%	3.4%	6.7%	4.7%	9.7%	0.4%	2.0%
March	57.7%	44.1%	4.0%	6.8%	5.7%	9.6%	0.3%	1.9%
April	51.3%	40.4%	4.3%	7.3%	6.1%	11.6%	0.6%	2.4%
May	52.9%	41.5%	4.5%	9.5%	5.2%	13.0%	0.7%	2.1%
June	63.4%	50.9%	5.1%	14.7%	6.9%	15.4%	0.8%	1.7%
July	67.9%	58.3%	8.5%	18.6%	8.4%	17.5%	2.1%	2.3%
August	66.3%	60.2%	6.8%	17.6%	8.5%	14.4%	0.9%	2.2%
Sept	61.2%	52.6%	5.6%	14.0%	6.7%	14.1%	1.3%	2.0%
October	54.4%	45.4%	3.9%	8.5%	5.5%	12.7%	0.7%	2.0%
November	56.2%	44.9%	3.9%	7.1%	4.5%	7.3%	0.6%	2.2%
December	63.7%	47.1%	4.6%	8.5%	6.1%	10.2%	0.7%	2.7%
								2014
January	70.9%	46.9%	6.4%	9.4%	NA	19.4%	3.7%	7.3%
February	71.6%	42.2%	4.2%	8.8%	NA	12.2%	0.8%	6.3%
March	61.4%	39.5%	4.4%	6.9%	NA	13.7%	1.1%	5.8%
April	50.9%	40.3%	3.4%	6.9%	NA	9.5%	0.5%	4.9%
May	53.8%	44.3%	4.8%	9.5%	NA	10.3%	0.7%	9.5%
June	64.5%	50.7%	5.1%	11.4%	NA	15.3%	1.0%	7.3%
July	68.0%	57.0%	5.8%	14.6%	NA	16.1%	1.1%	8.8%
August	67.5%	60.5%	6.1%	16.2%	NA	15.3%	1.5%	8.4%
Sept	59.2%	54.8%	5.2%	12.2%	NA	13.7%	0.8%	8.1%
October	50.8%	48.5%	4.7%	10.3%	NA	9.7%	0.8%	6.5%
November	56.1%	42.8%	4.1%	7.6%	NA	7.5%	0.9%	6.4%
December	56.8%	45.6%	3.3%	5.7%	NA	10.7%	0.5%	5.8%
								2015
January	57.8%	51.1%	3.7%	6.4%	NA	12.3%	0.5%	8.0%
February	65.4%	51.7%	6.1%	8.4%	NA	21.9%	1.6%	6.7%

Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. NA = Not Available

Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Table 6.7.B. Capacity Factors for Utility Scale Generators Not Primarily Using Fossil Fuels, January 2013-February 2015

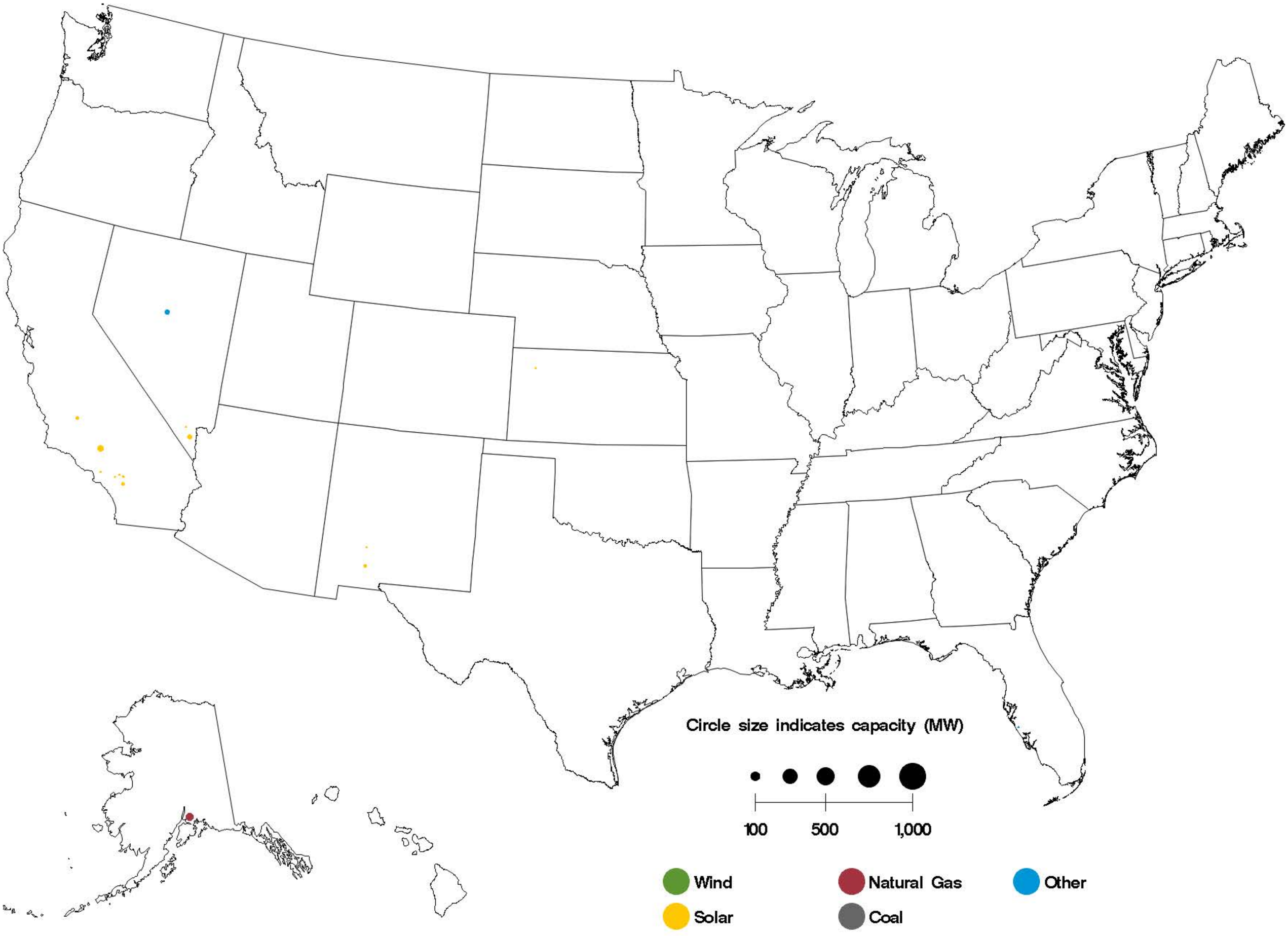
Period	Nuclear	Conventional Hydropower	Wind	Solar Photovoltaic	Solar Thermal	Landfill Gas and Muncipal Solid Waste	Other Biomass Including Wood	Geothermal
Annual Factors								
2013	89.9%	38.9%	32.4%	NA	NA	68.9%	56.7%	73.6%
2014	91.7%	37.5%	33.9%	27.8%	19.5%	68.9%	52.1%	68.8%
								2013
January	93.9%	42.3%	33.5%	NA	NA	66.0%	56.5%	76.9%
February	90.3%	38.3%	35.4%	NA	NA	65.2%	56.0%	76.1%
March	83.4%	34.8%	35.9%	NA	NA	69.0%	55.4%	76.8%
April	77.6%	44.4%	41.1%	NA	NA	66.9%	44.8%	73.3%
May	83.3%	48.4%	37.0%	NA	NA	70.4%	50.5%	71.7%
June	93.1%	48.3%	32.4%	NA	NA	71.0%	54.8%	72.4%
July	95.6%	46.8%	25.3%	NA	NA	71.1%	58.2%	73.3%
August	96.7%	37.2%	22.0%	NA	NA	71.9%	64.8%	72.5%
Sept	92.2%	29.9%	27.4%	NA	NA	69.4%	61.1%	73.6%
October	85.7%	29.2%	31.0%	NA	NA	66.6%	57.9%	74.7%
November	91.0%	31.1%	37.0%	NA	NA	69.5%	61.0%	68.8%
December	96.6%	35.9%	31.3%	NA	NA	69.9%	59.0%	73.0%
								2014
January	99.0%	36.3%	40.4%	NA	NA	63.6%	56.8%	67.9%
February	93.9%	32.5%	34.4%	NA	NA	61.4%	55.7%	67.3%
March	84.5%	41.3%	39.6%	NA	NA	69.2%	53.3%	67.6%
April	78.9%	44.6%	43.1%	NA	NA	68.9%	39.1%	68.7%
May	85.3%	45.3%	34.5%	NA	NA	70.9%	42.4%	68.4%
June	95.4%	45.8%	36.1%	NA	NA	70.5%	56.1%	68.7%
July	97.4%	41.9%	26.7%	NA	NA	72.4%	56.0%	67.8%
August	96.3%	33.9%	22.5%	31.9%	25.0%	72.0%	56.0%	68.0%
Sept	94.5%	28.0%	26.0%	32.0%	25.9%	69.7%	52.3%	69.3%
October	84.5%	29.0%	31.5%	26.7%	20.8%	68.5%	51.3%	69.1%
November	91.2%	33.0%	42.2%	23.4%	13.4%	71.4%	54.1%	72.2%
December	99.5%	38.4%	30.4%	15.6%	5.5%	68.4%	52.6%	70.4%
								2015
January	101.2%	41.9%	31.4%	NA	NA	67.4%	46.0%	74.1%
February	95.8%	43.0%	34.2%	NA	NA	62.1%	55.6%	73.4%

Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. NA = Not Available

Notes: Solar Thermal Capacity Factors include generation from plants using concentrated solar power energy storage.

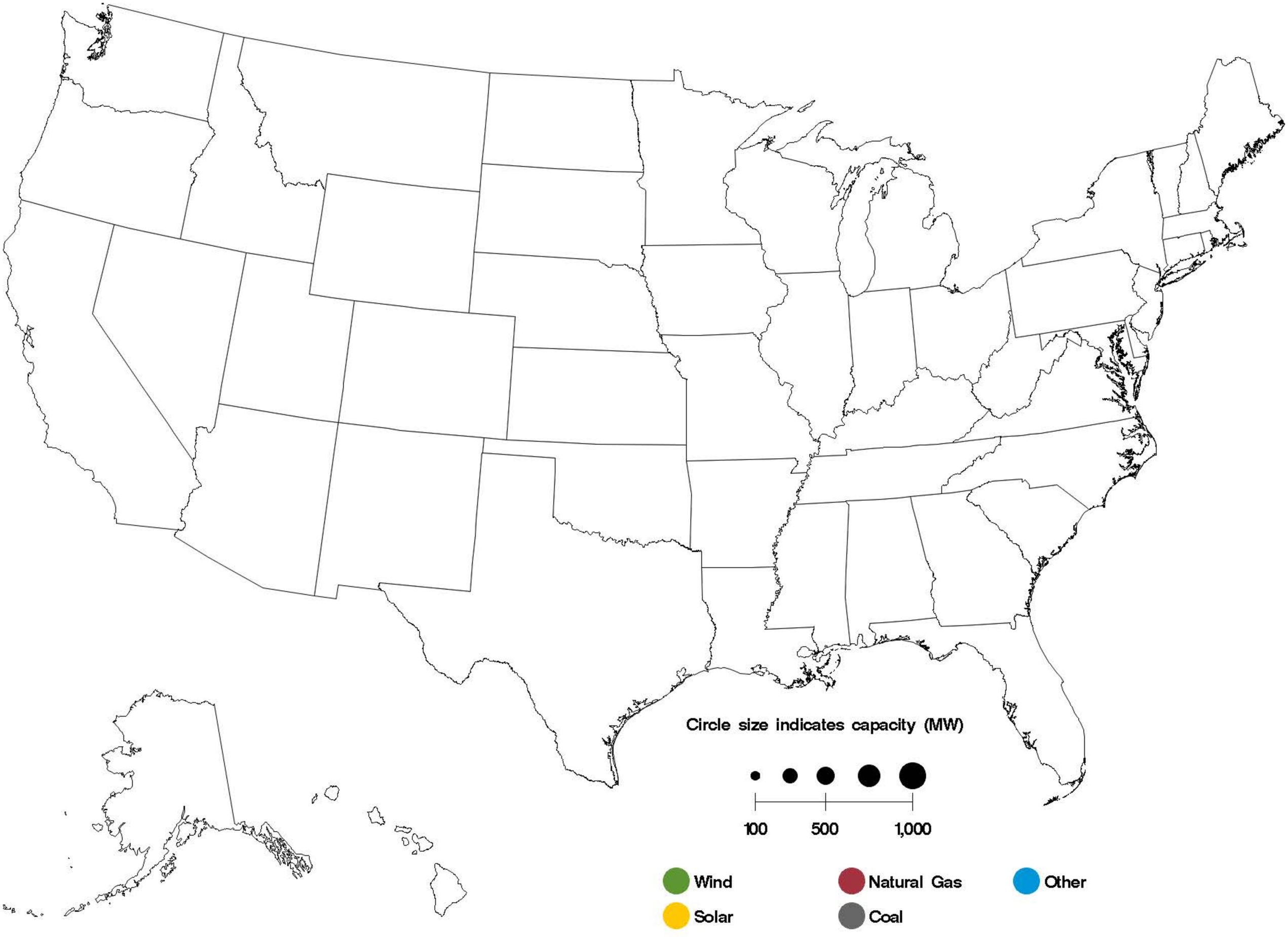
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.A. Utility Scale Generating Units Added in February 2015



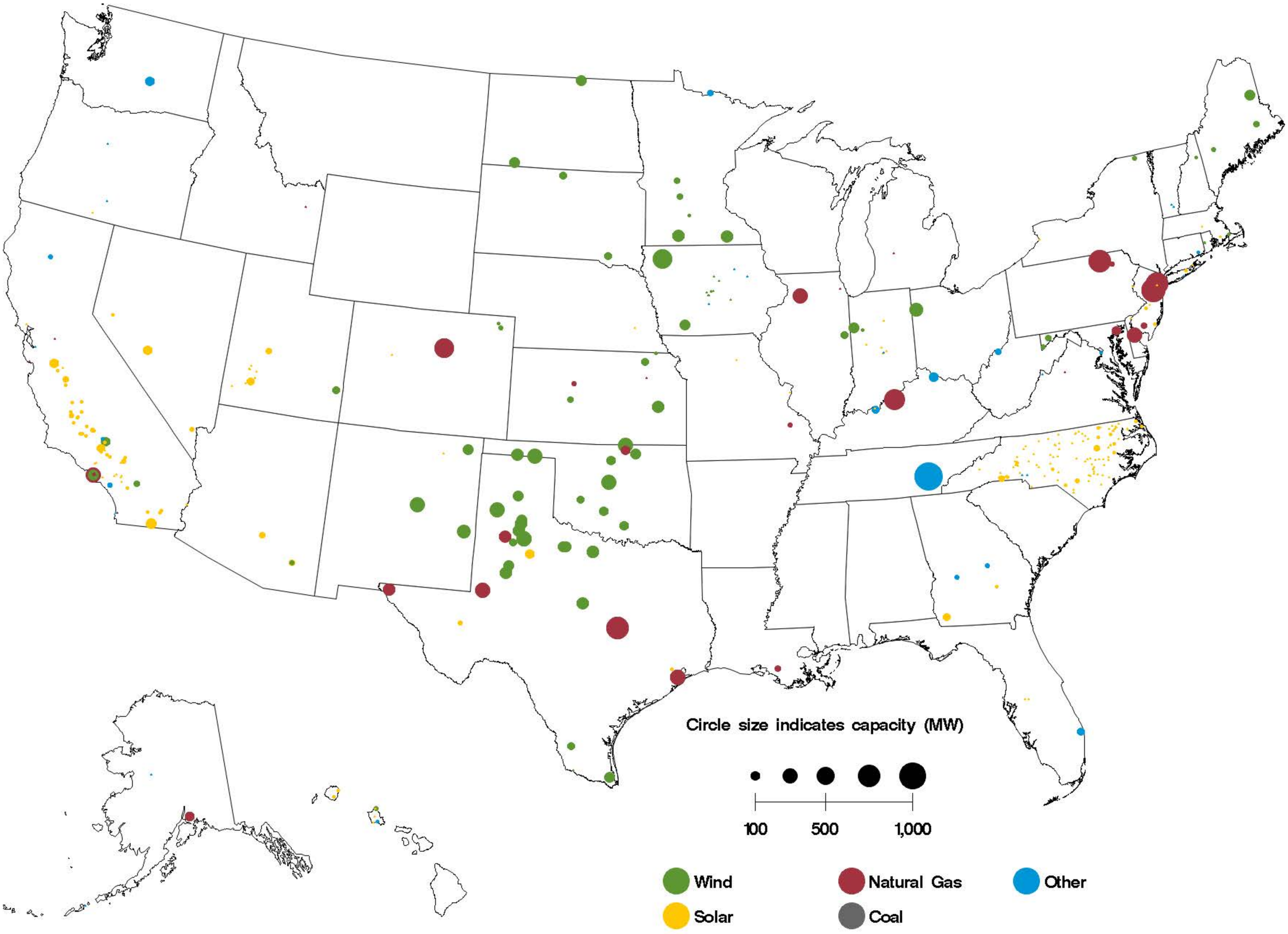
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.B. Utility Scale Generating Units Retired in February 2015



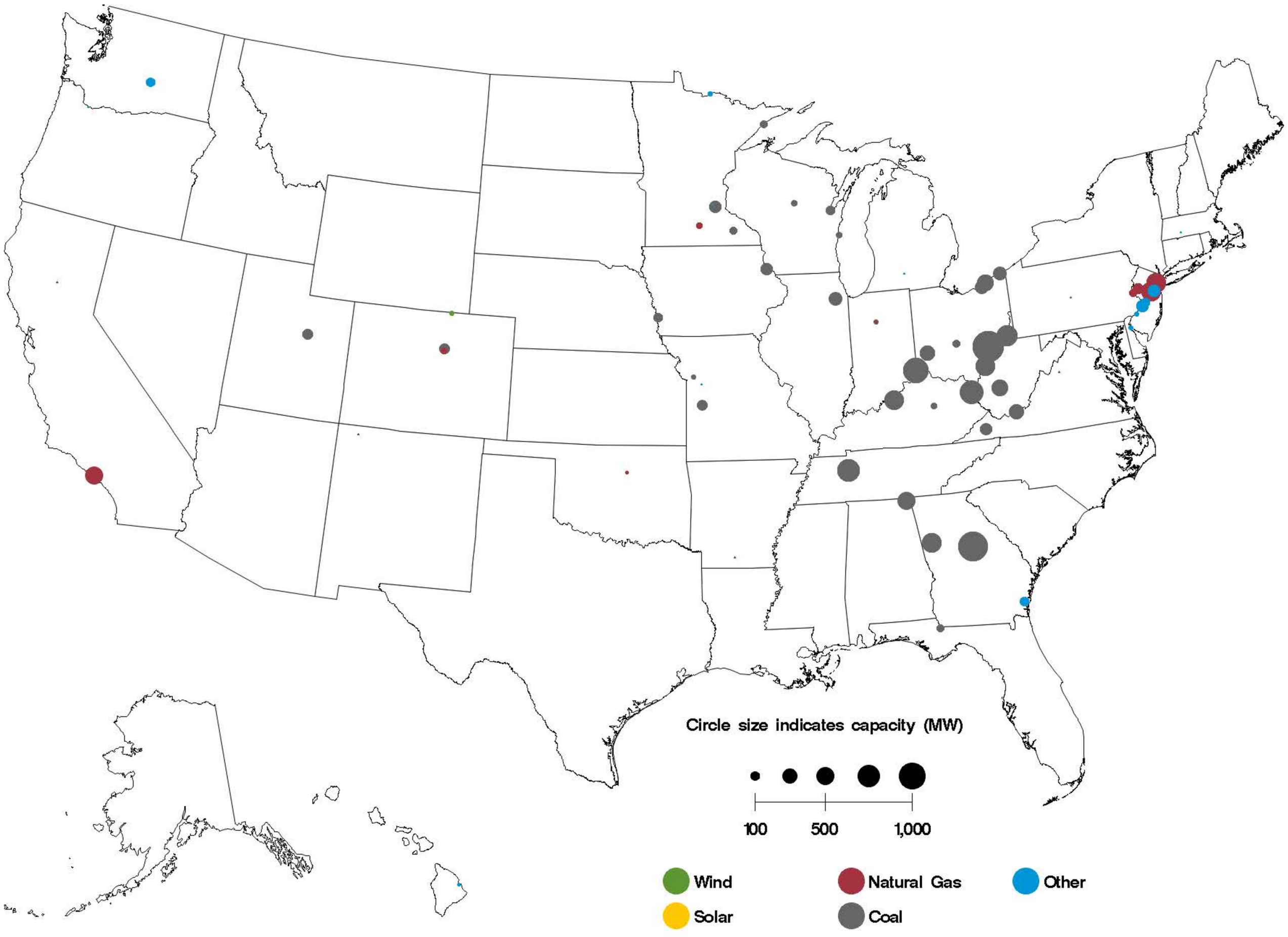
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.C. Utility Scale Generating Units Planned to Come Online from March 2015 to February 2016



Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.D. Utility Scale Generating Units Planned to Retire from March 2015 to February 2016



Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

Table A.1.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Total (All Sectors) by Census Division and State, February 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**5**	**0**	**3**	**0**	**0**	**8**
Connecticut	0	6	0	5	0	0	45
Maine	0	6	0	18	0	0	10
Massachusetts	1	11	0	5	0	0	26
New Hampshire	0	19	0	4	0	0	17
Rhode Island	0	31	0	5	0	0	417
Vermont	0	367	0	0	0	0	25
Middle Atlantic	**1**	**4**	**56**	**2**	**15**	**0**	**2**
New Jersey	0	8	119	4	35	0	240
New York	2	4	0	4	0	0	2
Pennsylvania	1	15	63	3	11	0	16
East North Central	**0**	**39**	**3**	**1**	**6**	**0**	**16**
Illinois	0	65	0	7	29	0	68
Indiana	0	54	0	3	8	0	15
Michigan	2	6	11	3	0	0	28
Ohio	1	89	3	2	18	0	26
Wisconsin	0	12	0	3	0	0	24
West North Central	**1**	**47**	**81**	**7**	**74**	**0**	**7**
Iowa	2	260	81	15	0	0	39
Kansas	0	71	0	57	0	0	221
Minnesota	3	58	0	6	0	0	48
Missouri	1	106	0	8	0	0	7
Nebraska	3	52	0	157	0	0	32
North Dakota	2	10	0	121	74	0	0
South Dakota	0	97	0	31	0	0	0
South Atlantic	**0**	**5**	**0**	**1**	**0**	**0**	**5**
Delaware	0	10	0	12	0	0	0
District of Columbia	0	0	0	296	0	0	0
Florida	1	37	0	1	0	0	57
Georgia	0	19	0	1	0	0	10
Maryland	0	47	0	25	0	0	5
North Carolina	1	6	0	1	0	0	8
South Carolina	0	19	0	3	0	0	15
Virginia	1	2	0	1	0	0	19
West Virginia	0	0	0	6	0	0	14
East South Central	**0**	**35**	**0**	**1**	**40**	**0**	**3**
Alabama	1	60	0	3	43	0	4
Kentucky	1	135	0	5	0	0	4
Mississippi	0	106	0	1	0	0	0
Tennessee	0	34	0	3	0	0	5
West South Central	**1**	**64**	**3**	**1**	**5**	**0**	**7**
Arkansas	0	0	0	0	0	0	9
Louisiana	0	68	3	1	6	0	0
Oklahoma	1	908	0	1	0	0	16
Texas	2	110	34	1	6	0	44
Mountain	**1**	**6**	**0**	**2**	**4**	**0**	**4**
Arizona	0	3	0	1	0	0	4
Colorado	0	50	0	3	0	0	27
Idaho	84	831	0	28	0	0	8
Montana	8	53	0	90	0	0	6
Nevada	0	1	0	2	0	0	4
New Mexico	0	10	0	5	0	0	105
Utah	2	58	0	8	0	0	47
Wyoming	3	4	0	34	4	0	31
Pacific Contiguous	**21**	**190**	**293**	**3**	**9**	**0**	**1**
California	22	128	293	3	11	0	9
Oregon	0	3,078	0	4	0	0	2
Washington	0	280	0	16	0	0	1
Pacific Noncontiguous	**8**	**25**	**0**	**14**	**153**	**0**	**21**
Alaska	20	5	0	14	0	0	21
Hawaii	8	28	0	0	153	0	133
U.S. Total	**0**	**4**	**2**	**1**	**3**	**0**	**1**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.1.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Total (All Sectors) by Census Division and State, February 2015 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**13**	**2**	**0**	**7**	**1**
Connecticut	0	0	0	79	6	0	10	2
Maine	0	0	0	0	2	0	17	4
Massachusetts	0	0	0	14	7	0	10	3
New Hampshire	0	0	0	0	7	0	57	2
Rhode Island	0	0	0	90	10	0	0	8
Vermont	0	0	0	44	7	0	0	14
Middle Atlantic	**0**	**0**	**0**	**10**	**2**	**0**	**6**	**1**
New Jersey	0	0	0	12	7	0	12	1
New York	0	0	0	24	2	0	11	1
Pennsylvania	0	0	0	30	3	0	7	1
East North Central	**0**	**0**	**0**	**18**	**1**	**0**	**7**	**0**
Illinois	0	0	0	37	1	0	25	0
Indiana	0	0	0	25	1	0	3	1
Michigan	0	0	0	0	2	0	15	1
Ohio	0	0	0	35	4	0	0	1
Wisconsin	0	0	0	0	4	0	40	1
West North Central	**0**	**0**	**0**	**73**	**0**	**0**	**14**	**1**
Iowa	0	0	0	0	0	0	0	1
Kansas	0	0	0	237	0	0	0	2
Minnesota	0	0	0	182	2	0	18	2
Missouri	0	0	0	85	3	0	0	1
Nebraska	0	0	0	0	1	0	0	2
North Dakota	0	0	0	0	1	0	78	1
South Dakota	0	0	0	0	1	0	0	2
South Atlantic	**0**	**0**	**0**	**8**	**2**	**0**	**4**	**0**
Delaware	0	0	0	40	28	0	0	6
District of Columbia	0	0	0	0	0	0	0	296
Florida	0	0	0	18	4	0	5	1
Georgia	0	0	0	23	5	0	0	0
Maryland	0	0	0	25	4	0	1	2
North Carolina	0	0	0	9	6	0	28	1
South Carolina	0	0	0	150	3	0	19	0
Virginia	0	0	0	0	3	0	7	0
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**33**	**5**	**0**	**8**	**0**
Alabama	0	0	0	0	8	0	0	1
Kentucky	0	0	0	0	7	0	0	1
Mississippi	0	0	0	0	5	0	175	1
Tennessee	0	0	0	33	13	0	0	1
West South Central	**0**	**0**	**0**	**12**	**1**	**0**	**7**	**1**
Arkansas	0	0	0	0	5	0	0	0
Louisiana	0	0	0	0	9	0	5	1
Oklahoma	0	0	0	0	1	0	112	1
Texas	0	0	0	12	1	0	12	1
Mountain	**0**	**5**	**0**	**3**	**1**	**0**	**8**	**1**
Arizona	0	0	0	3	3	0	0	0
Colorado	0	0	0	14	1	0	63	1
Idaho	0	67	0	0	4	0	0	6
Montana	0	0	0	0	3	0	0	5
Nevada	0	6	0	3	4	0	94	2
New Mexico	0	168	0	11	4	0	486	2
Utah	0	8	0	181	5	0	189	2
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**4**	**0**	**2**	**1**	**0**	**10**	**1**
California	0	4	0	2	2	0	11	2
Oregon	0	0	0	62	2	0	75	2
Washington	0	0	0	0	2	0	27	1
Pacific Noncontiguous	**0**	**0**	**0**	**40**	**7**	**0**	**22**	**13**
Alaska	0	0	0	0	29	0	222	9
Hawaii	0	0	0	40	6	0	0	20
U.S. Total	**0**	**4**	**0**	**2**	**1**	**0**	**4**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.1.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Total (All Sectors) by Census Division and State, Year-to-Date through February 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**5**	**0**	**3**	**0**	**0**	**8**
Connecticut	0	6	0	5	0	0	45
Maine	0	6	0	18	0	0	10
Massachusetts	1	11	0	5	0	0	26
New Hampshire	0	19	0	4	0	0	17
Rhode Island	0	31	0	5	0	0	417
Vermont	0	367	0	0	0	0	25
Middle Atlantic	**1**	**4**	**56**	**2**	**15**	**0**	**2**
New Jersey	0	8	119	4	35	0	240
New York	2	4	0	4	0	0	2
Pennsylvania	1	15	63	3	11	0	16
East North Central	**0**	**39**	**3**	**1**	**6**	**0**	**16**
Illinois	0	65	0	7	29	0	68
Indiana	0	54	0	3	8	0	15
Michigan	2	6	11	3	0	0	28
Ohio	1	89	3	2	18	0	26
Wisconsin	0	12	0	3	0	0	24
West North Central	**1**	**47**	**81**	**7**	**74**	**0**	**7**
Iowa	2	260	81	15	0	0	39
Kansas	0	71	0	57	0	0	221
Minnesota	3	58	0	6	0	0	48
Missouri	1	106	0	8	0	0	7
Nebraska	3	52	0	157	0	0	32
North Dakota	2	10	0	121	74	0	0
South Dakota	0	97	0	31	0	0	0
South Atlantic	**0**	**5**	**0**	**1**	**0**	**0**	**5**
Delaware	0	10	0	12	0	0	0
District of Columbia	0	0	0	296	0	0	0
Florida	1	37	0	1	0	0	57
Georgia	0	19	0	1	0	0	10
Maryland	0	47	0	25	0	0	5
North Carolina	1	6	0	1	0	0	8
South Carolina	0	19	0	3	0	0	15
Virginia	1	2	0	1	0	0	19
West Virginia	0	0	0	6	0	0	14
East South Central	**0**	**35**	**0**	**1**	**40**	**0**	**3**
Alabama	1	60	0	3	43	0	4
Kentucky	1	135	0	5	0	0	4
Mississippi	0	106	0	1	0	0	0
Tennessee	0	34	0	3	0	0	5
West South Central	**1**	**64**	**3**	**1**	**5**	**0**	**7**
Arkansas	0	0	0	0	0	0	9
Louisiana	0	68	3	1	6	0	0
Oklahoma	1	908	0	1	0	0	16
Texas	2	110	34	1	6	0	44
Mountain	**1**	**6**	**0**	**2**	**4**	**0**	**4**
Arizona	0	3	0	1	0	0	4
Colorado	0	50	0	3	0	0	27
Idaho	84	831	0	28	0	0	8
Montana	8	53	0	90	0	0	6
Nevada	0	1	0	2	0	0	4
New Mexico	0	10	0	5	0	0	105
Utah	2	58	0	8	0	0	47
Wyoming	3	4	0	34	4	0	31
Pacific Contiguous	**21**	**190**	**293**	**3**	**9**	**0**	**1**
California	22	128	293	3	11	0	9
Oregon	0	3,078	0	4	0	0	2
Washington	0	280	0	16	0	0	1
Pacific Noncontiguous	**8**	**25**	**0**	**14**	**153**	**0**	**21**
Alaska	20	5	0	14	0	0	21
Hawaii	8	28	0	0	153	0	133
U.S. Total	**0**	**4**	**2**	**1**	**3**	**0**	**1**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.1.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Total (All Sectors) by Census Division and State, Year-to-Date through February 2015 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**13**	**2**	**0**	**7**	**1**
Connecticut	0	0	0	79	6	0	10	2
Maine	0	0	0	0	2	0	17	4
Massachusetts	0	0	0	14	7	0	10	3
New Hampshire	0	0	0	0	7	0	57	2
Rhode Island	0	0	0	90	10	0	0	8
Vermont	0	0	0	44	7	0	0	14
Middle Atlantic	**0**	**0**	**0**	**10**	**2**	**0**	**6**	**1**
New Jersey	0	0	0	12	7	0	12	1
New York	0	0	0	24	2	0	11	1
Pennsylvania	0	0	0	30	3	0	7	1
East North Central	**0**	**0**	**0**	**18**	**1**	**0**	**7**	**0**
Illinois	0	0	0	37	1	0	25	0
Indiana	0	0	0	25	1	0	3	1
Michigan	0	0	0	0	2	0	15	1
Ohio	0	0	0	35	4	0	0	1
Wisconsin	0	0	0	0	4	0	40	1
West North Central	**0**	**0**	**0**	**73**	**0**	**0**	**14**	**1**
Iowa	0	0	0	0	0	0	0	1
Kansas	0	0	0	237	0	0	0	2
Minnesota	0	0	0	182	2	0	18	2
Missouri	0	0	0	85	3	0	0	1
Nebraska	0	0	0	0	1	0	0	2
North Dakota	0	0	0	0	1	0	78	1
South Dakota	0	0	0	0	1	0	0	2
South Atlantic	**0**	**0**	**0**	**8**	**2**	**0**	**4**	**0**
Delaware	0	0	0	40	28	0	0	6
District of Columbia	0	0	0	0	0	0	0	296
Florida	0	0	0	18	4	0	5	1
Georgia	0	0	0	23	5	0	0	0
Maryland	0	0	0	25	4	0	1	2
North Carolina	0	0	0	9	6	0	28	1
South Carolina	0	0	0	150	3	0	19	0
Virginia	0	0	0	0	3	0	7	0
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**33**	**5**	**0**	**8**	**0**
Alabama	0	0	0	0	8	0	0	1
Kentucky	0	0	0	0	7	0	0	1
Mississippi	0	0	0	0	5	0	175	1
Tennessee	0	0	0	33	13	0	0	1
West South Central	**0**	**0**	**0**	**12**	**1**	**0**	**7**	**1**
Arkansas	0	0	0	0	5	0	0	0
Louisiana	0	0	0	0	9	0	5	1
Oklahoma	0	0	0	0	1	0	112	1
Texas	0	0	0	12	1	0	12	1
Mountain	**0**	**5**	**0**	**3**	**1**	**0**	**8**	**1**
Arizona	0	0	0	3	3	0	0	0
Colorado	0	0	0	14	1	0	63	1
Idaho	0	67	0	0	4	0	0	6
Montana	0	0	0	0	3	0	0	5
Nevada	0	6	0	3	4	0	94	2
New Mexico	0	168	0	11	4	0	486	2
Utah	0	8	0	181	5	0	189	2
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**4**	**0**	**2**	**1**	**0**	**10**	**1**
California	0	4	0	2	2	0	11	2
Oregon	0	0	0	62	2	0	75	2
Washington	0	0	0	0	2	0	27	1
Pacific Noncontiguous	**0**	**0**	**0**	**40**	**7**	**0**	**22**	**13**
Alaska	0	0	0	0	29	0	222	9
Hawaii	0	0	0	40	6	0	0	20
U.S. Total	**0**	**4**	**0**	**2**	**1**	**0**	**4**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.2.A. Relative Standard Error (Percent) for Net Generation by Fuel Type: Electric Utilities by Census Division and State, February 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**5**	**0**	**27**	**0**	**0**	**23**
Connecticut	0	333	0	0	0	0	150
Maine	0	238	0	0	0	0	0
Massachusetts	0	3	0	28	0	0	56
New Hampshire	0	4	0	0	0	0	18
Rhode Island	0	50	0	0	0	0	0
Vermont	0	332	0	0	0	0	43
Middle Atlantic	**386**	**5**	**0**	**8**	**0**	**0**	**1**
New Jersey	0	1,390	0	284	0	0	0
New York	386	5	0	8	0	0	1
Pennsylvania	0	257	0	774	0	0	17
East North Central	**0**	**42**	**0**	**2**	**0**	**0**	**16**
Illinois	0	123	0	50	0	0	133
Indiana	0	35	0	1	0	0	15
Michigan	2	6	0	9	0	0	30
Ohio	1	127	0	2	0	0	26
Wisconsin	0	9	0	6	0	0	26
West North Central	**1**	**49**	**0**	**7**	**0**	**0**	**7**
Iowa	2	271	0	14	0	0	39
Kansas	0	71	0	62	0	0	0
Minnesota	3	17	0	6	0	0	68
Missouri	1	106	0	8	0	0	7
Nebraska	2	52	0	166	0	0	32
North Dakota	2	8	0	0	0	0	0
South Dakota	0	102	0	31	0	0	0
South Atlantic	**0**	**4**	**0**	**1**	**0**	**0**	**6**
Delaware	0	1,596	0	329	0	0	0
Florida	1	37	0	1	0	0	57
Georgia	0	31	0	0	0	0	10
Maryland	0	200	0	0	0	0	0
North Carolina	0	3	0	2	0	0	9
South Carolina	0	19	0	2	0	0	15
Virginia	0	1	0	0	0	0	20
West Virginia	0	0	0	0	0	0	38
East South Central	**0**	**31**	**0**	**2**	**0**	**0**	**3**
Alabama	1	0	0	9	0	0	4
Kentucky	1	135	0	2	0	0	4
Mississippi	0	127	0	1	0	0	0
Tennessee	0	0	0	0	0	0	6
West South Central	**0**	**33**	**0**	**2**	**0**	**0**	**8**
Arkansas	0	0	0	0	0	0	9
Louisiana	0	324	0	2	0	0	0
Oklahoma	0	109	0	0	0	0	16
Texas	0	1	0	4	0	0	45
Mountain	**1**	**5**	**0**	**2**	**0**	**0**	**4**
Arizona	0	3	0	1	0	0	4
Colorado	0	50	0	2	0	0	27
Idaho	0	831	0	430	0	0	8
Montana	139	228	0	92	0	0	6
Nevada	0	1	0	0	0	0	1
New Mexico	0	8	0	9	0	0	105
Utah	2	44	0	4	0	0	47
Wyoming	2	3	0	405	0	0	30
Pacific Contiguous	**0**	**107**	**0**	**4**	**0**	**0**	**1**
California	0	8	0	4	0	0	8
Oregon	0	0	0	0	0	0	2
Washington	0	1,671	0	19	0	0	1
Pacific Noncontiguous	**0**	**27**	**0**	**14**	**0**	**0**	**21**
Alaska	0	5	0	14	0	0	21
Hawaii	0	31	0	0	0	0	244
U.S. Total	**0**	**7**	**0**	**1**	**0**	**0**	**1**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.2.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Electric Utilities by Census Division and State, February 2015 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**66**	**3**	**0**	**0**	**3**
Connecticut	0	0	0	0	0	0	0	138
Maine	0	0	0	0	0	0	0	238
Massachusetts	0	0	0	66	39	0	0	13
New Hampshire	0	0	0	0	0	0	0	1
Rhode Island	0	0	0	0	0	0	0	50
Vermont	0	0	0	0	0	0	0	16
Middle Atlantic	**0**	**0**	**0**	**31**	**31**	**0**	**0**	**2**
New Jersey	0	0	0	31	31	0	0	19
New York	0	0	0	0	0	0	0	2
Pennsylvania	0	0	0	0	0	0	0	21
East North Central	**0**	**0**	**0**	**68**	**2**	**0**	**7**	**0**
Illinois	0	0	0	432	105	0	0	2
Indiana	0	0	0	137	17	0	0	0
Michigan	0	0	0	0	2	0	181	1
Ohio	0	0	0	77	51	0	0	1
Wisconsin	0	0	0	0	1	0	0	1
West North Central	**0**	**0**	**0**	**0**	**1**	**0**	**9**	**1**
Iowa	0	0	0	0	0	0	0	2
Kansas	0	0	0	0	0	0	0	2
Minnesota	0	0	0	0	3	0	0	2
Missouri	0	0	0	0	47	0	0	1
Nebraska	0	0	0	0	9	0	0	2
North Dakota	0	0	0	0	2	0	78	1
South Dakota	0	0	0	0	1	0	0	3
South Atlantic	**0**	**0**	**0**	**18**	**2**	**0**	**0**	**0**
Delaware	0	0	0	118	118	0	0	264
Florida	0	0	0	0	8	0	0	1
Georgia	0	0	0	101	101	0	0	0
Maryland	0	0	0	88	88	0	0	158
North Carolina	0	0	0	100	100	0	0	0
South Carolina	0	0	0	0	7	0	0	0
Virginia	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**0**	**31**	**0**	**0**	**1**
Alabama	0	0	0	0	0	0	0	1
Kentucky	0	0	0	0	31	0	0	1
Mississippi	0	0	0	0	0	0	0	1
Tennessee	0	0	0	0	0	0	0	1
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
Arkansas	0	0	0	0	0	0	0	0
Louisiana	0	0	0	0	0	0	0	1
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	0	1	0	0	2
Mountain	**0**	**0**	**0**	**11**	**2**	**0**	**93**	**1**
Arizona	0	0	0	11	11	0	0	0
Colorado	0	0	0	0	12	0	0	1
Idaho	0	0	0	0	6	0	0	8
Montana	0	0	0	0	0	0	0	10
Nevada	0	0	0	0	0	0	94	0
New Mexico	0	0	0	29	29	0	486	2
Utah	0	0	0	0	0	0	0	2
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**0**	**0**	**15**	**1**	**0**	**0**	**1**
California	0	0	0	15	3	0	0	2
Oregon	0	0	0	109	2	0	0	2
Washington	0	0	0	0	1	0	0	1
Pacific Noncontiguous	**0**	**0**	**0**	**68**	**28**	**0**	**255**	**16**
Alaska	0	0	0	0	45	0	222	9
Hawaii	0	0	0	68	23	0	0	30
U.S. Total	**0**	**0**	**0**	**8**	**0**	**0**	**16**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.2.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Electric Utilities by Census Division and State, Year-to-Date through February 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**5**	**0**	**27**	**0**	**0**	**23**
Connecticut	0	333	0	0	0	0	150
Maine	0	238	0	0	0	0	0
Massachusetts	0	3	0	28	0	0	56
New Hampshire	0	4	0	0	0	0	18
Rhode Island	0	50	0	0	0	0	0
Vermont	0	332	0	0	0	0	43
Middle Atlantic	**386**	**5**	**0**	**8**	**0**	**0**	**1**
New Jersey	0	1,390	0	284	0	0	0
New York	386	5	0	8	0	0	1
Pennsylvania	0	257	0	774	0	0	17
East North Central	**0**	**42**	**0**	**2**	**0**	**0**	**16**
Illinois	0	123	0	50	0	0	133
Indiana	0	35	0	1	0	0	15
Michigan	2	6	0	9	0	0	30
Ohio	1	127	0	2	0	0	26
Wisconsin	0	9	0	6	0	0	26
West North Central	**1**	**49**	**0**	**7**	**0**	**0**	**7**
Iowa	2	271	0	14	0	0	39
Kansas	0	71	0	62	0	0	0
Minnesota	3	17	0	6	0	0	68
Missouri	1	106	0	8	0	0	7
Nebraska	2	52	0	166	0	0	32
North Dakota	2	8	0	0	0	0	0
South Dakota	0	102	0	31	0	0	0
South Atlantic	**0**	**4**	**0**	**1**	**0**	**0**	**6**
Delaware	0	1,596	0	329	0	0	0
Florida	1	37	0	1	0	0	57
Georgia	0	31	0	0	0	0	10
Maryland	0	200	0	0	0	0	0
North Carolina	0	3	0	2	0	0	9
South Carolina	0	19	0	2	0	0	15
Virginia	0	1	0	0	0	0	20
West Virginia	0	0	0	0	0	0	38
East South Central	**0**	**31**	**0**	**2**	**0**	**0**	**3**
Alabama	1	0	0	9	0	0	4
Kentucky	1	135	0	2	0	0	4
Mississippi	0	127	0	1	0	0	0
Tennessee	0	0	0	0	0	0	6
West South Central	**0**	**33**	**0**	**2**	**0**	**0**	**8**
Arkansas	0	0	0	0	0	0	9
Louisiana	0	324	0	2	0	0	0
Oklahoma	0	109	0	0	0	0	16
Texas	0	1	0	4	0	0	45
Mountain	**1**	**5**	**0**	**2**	**0**	**0**	**4**
Arizona	0	3	0	1	0	0	4
Colorado	0	50	0	2	0	0	27
Idaho	0	831	0	430	0	0	8
Montana	139	228	0	92	0	0	6
Nevada	0	1	0	0	0	0	1
New Mexico	0	8	0	9	0	0	105
Utah	2	44	0	4	0	0	47
Wyoming	2	3	0	405	0	0	30
Pacific Contiguous	**0**	**107**	**0**	**4**	**0**	**0**	**1**
California	0	8	0	4	0	0	8
Oregon	0	0	0	0	0	0	2
Washington	0	1,671	0	19	0	0	1
Pacific Noncontiguous	**0**	**27**	**0**	**14**	**0**	**0**	**21**
Alaska	0	5	0	14	0	0	21
Hawaii	0	31	0	0	0	0	244
U.S. Total	**0**	**7**	**0**	**1**	**0**	**0**	**1**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.2.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Electric Utilities by Census Division and State, Year-to-Date through February 2015 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**66**	**3**	**0**	**0**	**3**
Connecticut	0	0	0	0	0	0	0	138
Maine	0	0	0	0	0	0	0	238
Massachusetts	0	0	0	66	39	0	0	13
New Hampshire	0	0	0	0	0	0	0	1
Rhode Island	0	0	0	0	0	0	0	50
Vermont	0	0	0	0	0	0	0	16
Middle Atlantic	**0**	**0**	**0**	**31**	**31**	**0**	**0**	**2**
New Jersey	0	0	0	31	31	0	0	19
New York	0	0	0	0	0	0	0	2
Pennsylvania	0	0	0	0	0	0	0	21
East North Central	**0**	**0**	**0**	**68**	**2**	**0**	**7**	**0**
Illinois	0	0	0	432	105	0	0	2
Indiana	0	0	0	137	17	0	0	0
Michigan	0	0	0	0	2	0	181	1
Ohio	0	0	0	77	51	0	0	1
Wisconsin	0	0	0	0	1	0	0	1
West North Central	**0**	**0**	**0**	**0**	**1**	**0**	**9**	**1**
Iowa	0	0	0	0	0	0	0	2
Kansas	0	0	0	0	0	0	0	2
Minnesota	0	0	0	0	3	0	0	2
Missouri	0	0	0	0	47	0	0	1
Nebraska	0	0	0	0	9	0	0	2
North Dakota	0	0	0	0	2	0	78	1
South Dakota	0	0	0	0	1	0	0	3
South Atlantic	**0**	**0**	**0**	**18**	**2**	**0**	**0**	**0**
Delaware	0	0	0	118	118	0	0	264
Florida	0	0	0	0	8	0	0	1
Georgia	0	0	0	101	101	0	0	0
Maryland	0	0	0	88	88	0	0	158
North Carolina	0	0	0	100	100	0	0	0
South Carolina	0	0	0	0	7	0	0	0
Virginia	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**0**	**31**	**0**	**0**	**1**
Alabama	0	0	0	0	0	0	0	1
Kentucky	0	0	0	0	31	0	0	1
Mississippi	0	0	0	0	0	0	0	1
Tennessee	0	0	0	0	0	0	0	1
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
Arkansas	0	0	0	0	0	0	0	0
Louisiana	0	0	0	0	0	0	0	1
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	0	1	0	0	2
Mountain	**0**	**0**	**0**	**11**	**2**	**0**	**93**	**1**
Arizona	0	0	0	11	11	0	0	0
Colorado	0	0	0	0	12	0	0	1
Idaho	0	0	0	0	6	0	0	8
Montana	0	0	0	0	0	0	0	10
Nevada	0	0	0	0	0	0	94	0
New Mexico	0	0	0	29	29	0	486	2
Utah	0	0	0	0	0	0	0	2
Wyoming	0	0	0	0	1	0	0	2
Pacific Contiguous	**0**	**0**	**0**	**15**	**1**	**0**	**0**	**1**
California	0	0	0	15	3	0	0	2
Oregon	0	0	0	109	2	0	0	2
Washington	0	0	0	0	1	0	0	1
Pacific Noncontiguous	**0**	**0**	**0**	**68**	**28**	**0**	**255**	**16**
Alaska	0	0	0	0	45	0	222	9
Hawaii	0	0	0	68	23	0	0	30
U.S. Total	**0**	**0**	**0**	**8**	**0**	**0**	**16**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.3.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Independent Power Producers by Census Division and State, February 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**5**	**0**	**2**	**0**	**0**	**9**
Connecticut	0	4	0	3	0	0	47
Maine	0	1	0	1	0	0	11
Massachusetts	0	11	0	4	0	0	29
New Hampshire	0	18	0	0	0	0	22
Rhode Island	0	0	0	2	0	0	417
Vermont	0	0	0	0	0	0	31
Middle Atlantic	**1**	**5**	**0**	**2**	**0**	**0**	**12**
New Jersey	0	6	0	3	0	0	240
New York	1	5	0	4	0	0	14
Pennsylvania	1	15	0	2	0	0	21
East North Central	**0**	**13**	**0**	**1**	**7**	**0**	**66**
Illinois	0	0	0	3	0	0	68
Indiana	1	0	0	12	0	0	0
Michigan	36	7,817	0	3	0	0	114
Ohio	0	16	0	1	20	0	0
Wisconsin	0	115	0	0	0	0	109
West North Central	**154**	**50**	**0**	**19**	**0**	**0**	**78**
Iowa	0	186	0	0	0	0	432
Kansas	0	0	0	0	0	0	221
Minnesota	0	52	0	17	0	0	82
Missouri	154	0	0	38	0	0	0
South Dakota	0	271	0	0	0	0	0
South Atlantic	**1**	**8**	**0**	**2**	**0**	**0**	**11**
Delaware	0	10	0	17	0	0	0
Florida	0	334	0	8	0	0	0
Georgia	0	12	0	2	0	0	234
Maryland	0	29	0	17	0	0	5
North Carolina	94	43	0	0	0	0	114
South Carolina	0	82	0	11	0	0	91
Virginia	14	5	0	1	0	0	103
West Virginia	1	0	0	9	0	0	11
East South Central	**0**	**1**	**0**	**0**	**0**	**0**	**299**
Alabama	0	1	0	0	0	0	0
Kentucky	0	0	0	0	0	0	299
Mississippi	0	0	0	0	0	0	0
West South Central	**2**	**100**	**0**	**1**	**0**	**0**	**6**
Arkansas	0	0	0	0	0	0	217
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	2	0	0	0
Texas	3	138	0	1	0	0	159
Mountain	**8**	**53**	**0**	**3**	**0**	**0**	**12**
Arizona	0	0	0	0	0	0	0
Colorado	375	0	0	4	0	0	84
Idaho	0	0	0	13	0	0	50
Montana	7	19	0	374	0	0	11
Nevada	0	0	0	10	0	0	146
New Mexico	0	233	0	1	0	0	0
Utah	89	591	0	131	0	0	340
Wyoming	90	0	0	566	0	0	341
Pacific Contiguous	**157**	**58**	**293**	**3**	**0**	**0**	**34**
California	158	75	293	3	0	0	62
Oregon	0	0	0	4	0	0	60
Washington	0	94	0	0	0	0	53
Pacific Noncontiguous	**8**	**61**	**0**	**0**	**0**	**0**	**0**
Alaska	60	0	0	0	0	0	0
Hawaii	0	61	0	0	0	0	0
U.S. Total	**1**	**5**	**1**	**1**	**3**	**0**	**6**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.3.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Independent Power Producers by Census Division and State, February 2015 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**14**	**3**	**0**	**7**	**1**
Connecticut	0	0	0	79	6	0	10	1
Maine	0	0	0	0	1	0	22	2
Massachusetts	0	0	0	15	7	0	10	3
New Hampshire	0	0	0	0	8	0	57	1
Rhode Island	0	0	0	90	7	0	0	1
Vermont	0	0	0	44	19	0	0	21
Middle Atlantic	**0**	**0**	**0**	**12**	**2**	**0**	**8**	**1**
New Jersey	0	0	0	14	8	0	18	1
New York	0	0	0	24	2	0	12	1
Pennsylvania	0	0	0	33	2	0	8	1
East North Central	**0**	**0**	**0**	**19**	**1**	**0**	**24**	**0**
Illinois	0	0	0	37	1	0	0	0
Indiana	0	0	0	25	1	0	0	3
Michigan	0	0	0	0	3	0	24	2
Ohio	0	0	0	41	4	0	0	1
Wisconsin	0	0	0	0	8	0	0	1
West North Central	**0**	**0**	**0**	**73**	**1**	**0**	**46**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	237	0	0	0	0
Minnesota	0	0	0	182	2	0	46	3
Missouri	0	0	0	85	2	0	0	9
Nebraska	0	0	0	0	1	0	0	1
North Dakota	0	0	0	0	1	0	0	1
South Dakota	0	0	0	0	2	0	0	2
South Atlantic	**0**	**0**	**0**	**8**	**3**	**0**	**6**	**1**
Delaware	0	0	0	42	29	0	0	6
Florida	0	0	0	35	4	0	7	5
Georgia	0	0	0	23	9	0	0	2
Maryland	0	0	0	26	3	0	0	1
North Carolina	0	0	0	9	7	0	28	5
South Carolina	0	0	0	150	55	0	143	11
Virginia	0	0	0	0	6	0	0	2
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**34**	**8**	**0**	**0**	**0**
Alabama	0	0	0	0	3	0	0	0
Kentucky	0	0	0	0	0	0	0	9
Mississippi	0	0	0	0	88	0	0	0
Tennessee	0	0	0	34	19	0	0	19
West South Central	**0**	**0**	**0**	**12**	**0**	**0**	**152**	**1**
Arkansas	0	0	0	0	32	0	0	0
Louisiana	0	0	0	0	35	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	12	1	0	152	1
Mountain	**0**	**6**	**0**	**2**	**1**	**0**	**5**	**2**
Arizona	0	0	0	3	2	0	0	1
Colorado	0	0	0	14	1	0	157	3
Idaho	0	67	0	0	5	0	0	8
Montana	0	0	0	0	3	0	0	5
Nevada	0	6	0	3	4	0	0	5
New Mexico	0	168	0	11	4	0	0	2
Utah	0	17	0	181	7	0	189	33
Wyoming	0	0	0	0	2	0	0	19
Pacific Contiguous	**0**	**4**	**0**	**1**	**1**	**0**	**20**	**2**
California	0	4	0	1	2	0	20	2
Oregon	0	0	0	75	2	0	75	3
Washington	0	0	0	0	1	0	53	5
Pacific Noncontiguous	**0**	**0**	**0**	**48**	**8**	**0**	**0**	**29**
Alaska	0	0	0	0	53	0	0	50
Hawaii	0	0	0	48	7	0	0	31
U.S. Total	**0**	**4**	**0**	**2**	**1**	**0**	**5**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.3.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Independent Power Producers by Census Division and State, Year-to-Date through February 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**5**	**0**	**2**	**0**	**0**	**9**
Connecticut	0	4	0	3	0	0	47
Maine	0	1	0	1	0	0	11
Massachusetts	0	11	0	4	0	0	29
New Hampshire	0	18	0	0	0	0	22
Rhode Island	0	0	0	2	0	0	417
Vermont	0	0	0	0	0	0	31
Middle Atlantic	**1**	**5**	**0**	**2**	**0**	**0**	**12**
New Jersey	0	6	0	3	0	0	240
New York	1	5	0	4	0	0	14
Pennsylvania	1	15	0	2	0	0	21
East North Central	**0**	**13**	**0**	**1**	**7**	**0**	**66**
Illinois	0	0	0	3	0	0	68
Indiana	1	0	0	12	0	0	0
Michigan	36	7,817	0	3	0	0	114
Ohio	0	16	0	1	20	0	0
Wisconsin	0	115	0	0	0	0	109
West North Central	**154**	**50**	**0**	**19**	**0**	**0**	**78**
Iowa	0	186	0	0	0	0	432
Kansas	0	0	0	0	0	0	221
Minnesota	0	52	0	17	0	0	82
Missouri	154	0	0	38	0	0	0
South Dakota	0	271	0	0	0	0	0
South Atlantic	**1**	**8**	**0**	**2**	**0**	**0**	**11**
Delaware	0	10	0	17	0	0	0
Florida	0	334	0	8	0	0	0
Georgia	0	12	0	2	0	0	234
Maryland	0	29	0	17	0	0	5
North Carolina	94	43	0	0	0	0	114
South Carolina	0	82	0	11	0	0	91
Virginia	14	5	0	1	0	0	103
West Virginia	1	0	0	9	0	0	11
East South Central	**0**	**1**	**0**	**0**	**0**	**0**	**299**
Alabama	0	1	0	0	0	0	0
Kentucky	0	0	0	0	0	0	299
Mississippi	0	0	0	0	0	0	0
West South Central	**2**	**100**	**0**	**1**	**0**	**0**	**6**
Arkansas	0	0	0	0	0	0	217
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	2	0	0	0
Texas	3	138	0	1	0	0	159
Mountain	**8**	**53**	**0**	**3**	**0**	**0**	**12**
Arizona	0	0	0	0	0	0	0
Colorado	375	0	0	4	0	0	84
Idaho	0	0	0	13	0	0	50
Montana	7	19	0	374	0	0	11
Nevada	0	0	0	10	0	0	146
New Mexico	0	233	0	1	0	0	0
Utah	89	591	0	131	0	0	340
Wyoming	90	0	0	566	0	0	341
Pacific Contiguous	**157**	**58**	**293**	**3**	**0**	**0**	**34**
California	158	75	293	3	0	0	62
Oregon	0	0	0	4	0	0	60
Washington	0	94	0	0	0	0	53
Pacific Noncontiguous	**8**	**61**	**0**	**0**	**0**	**0**	**0**
Alaska	60	0	0	0	0	0	0
Hawaii	0	61	0	0	0	0	0
U.S. Total	**1**	**5**	**1**	**1**	**3**	**0**	**6**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.3.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Independent Power Producers by Census Division and State, Year-to-Date through February 2015 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**14**	**3**	**0**	**7**	**1**
Connecticut	0	0	0	79	6	0	10	1
Maine	0	0	0	0	1	0	22	2
Massachusetts	0	0	0	15	7	0	10	3
New Hampshire	0	0	0	0	8	0	57	1
Rhode Island	0	0	0	90	7	0	0	1
Vermont	0	0	0	44	19	0	0	21
Middle Atlantic	**0**	**0**	**0**	**12**	**2**	**0**	**8**	**1**
New Jersey	0	0	0	14	8	0	18	1
New York	0	0	0	24	2	0	12	1
Pennsylvania	0	0	0	33	2	0	8	1
East North Central	**0**	**0**	**0**	**19**	**1**	**0**	**24**	**0**
Illinois	0	0	0	37	1	0	0	0
Indiana	0	0	0	25	1	0	0	3
Michigan	0	0	0	0	3	0	24	2
Ohio	0	0	0	41	4	0	0	1
Wisconsin	0	0	0	0	8	0	0	1
West North Central	**0**	**0**	**0**	**73**	**1**	**0**	**46**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	237	0	0	0	0
Minnesota	0	0	0	182	2	0	46	3
Missouri	0	0	0	85	2	0	0	9
Nebraska	0	0	0	0	1	0	0	1
North Dakota	0	0	0	0	1	0	0	1
South Dakota	0	0	0	0	2	0	0	2
South Atlantic	**0**	**0**	**0**	**8**	**3**	**0**	**6**	**1**
Delaware	0	0	0	42	29	0	0	6
Florida	0	0	0	35	4	0	7	5
Georgia	0	0	0	23	9	0	0	2
Maryland	0	0	0	26	3	0	0	1
North Carolina	0	0	0	9	7	0	28	5
South Carolina	0	0	0	150	55	0	143	11
Virginia	0	0	0	0	6	0	0	2
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**34**	**8**	**0**	**0**	**0**
Alabama	0	0	0	0	3	0	0	0
Kentucky	0	0	0	0	0	0	0	9
Mississippi	0	0	0	0	88	0	0	0
Tennessee	0	0	0	34	19	0	0	19
West South Central	**0**	**0**	**0**	**12**	**0**	**0**	**152**	**1**
Arkansas	0	0	0	0	32	0	0	0
Louisiana	0	0	0	0	35	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	12	1	0	152	1
Mountain	**0**	**6**	**0**	**2**	**1**	**0**	**5**	**2**
Arizona	0	0	0	3	2	0	0	1
Colorado	0	0	0	14	1	0	157	3
Idaho	0	67	0	0	5	0	0	8
Montana	0	0	0	0	3	0	0	5
Nevada	0	6	0	3	4	0	0	5
New Mexico	0	168	0	11	4	0	0	2
Utah	0	17	0	181	7	0	189	33
Wyoming	0	0	0	0	2	0	0	19
Pacific Contiguous	**0**	**4**	**0**	**1**	**1**	**0**	**20**	**2**
California	0	4	0	1	2	0	20	2
Oregon	0	0	0	75	2	0	75	3
Washington	0	0	0	0	1	0	53	5
Pacific Noncontiguous	**0**	**0**	**0**	**48**	**8**	**0**	**0**	**29**
Alaska	0	0	0	0	53	0	0	50
Hawaii	0	0	0	48	7	0	0	31
U.S. Total	**0**	**4**	**0**	**2**	**1**	**0**	**5**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.4.A. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, February 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**101**	**0**	**66**	**0**	**0**	**366**
Connecticut	0	904	0	141	0	0	0
Maine	0	566	0	454	0	0	0
Massachusetts	0	130	0	57	0	0	366
New Hampshire	0	234	0	539	0	0	0
Rhode Island	0	238	0	382	0	0	0
Vermont	0	928	0	0	0	0	0
Middle Atlantic	**195**	**156**	**0**	**59**	**0**	**0**	**372**
New Jersey	0	4,058	0	181	0	0	0
New York	0	156	0	60	0	0	372
Pennsylvania	195	1,357	0	227	0	0	0
East North Central	**26**	**2,380**	**0**	**36**	**0**	**0**	**597**
Illinois	73	185	0	55	0	0	597
Indiana	38	4,520	0	116	0	0	0
Michigan	0	26	0	45	0	0	0
Ohio	485	10,938	0	180	0	0	0
Wisconsin	496	608	0	113	0	0	0
West North Central	**43**	**1,219**	**0**	**93**	**0**	**0**	**0**
Iowa	69	439	0	163	0	0	0
Minnesota	0	1,364	0	113	0	0	0
Missouri	0	854	0	0	0	0	0
Nebraska	0	0	0	1,971	0	0	0
North Dakota	0	685	0	0	0	0	0
South Dakota	0	1,025	0	0	0	0	0
South Atlantic	**20**	**173**	**0**	**99**	**0**	**0**	**144**
District of Columbia	0	0	0	296	0	0	0
Florida	0	0	0	165	0	0	0
Georgia	0	132	0	0	0	0	0
Maryland	280	175	0	119	0	0	0
North Carolina	0	495	0	0	0	0	137
South Carolina	0	428	0	307	0	0	461
Virginia	354	1,134	0	538	0	0	0
East South Central	**165**	**608**	**0**	**163**	**0**	**0**	**0**
Mississippi	0	0	0	242	0	0	0
Tennessee	165	608	0	182	0	0	0
West South Central	**0**	**2,867**	**0**	**32**	**0**	**0**	**0**
Arkansas	0	0	0	898	0	0	0
Louisiana	0	0	0	83	0	0	0
Oklahoma	0	15,239	0	198	0	0	0
Texas	0	2,869	0	34	0	0	0
Mountain	**0**	**863**	**0**	**83**	**0**	**0**	**398**
Arizona	0	863	0	141	0	0	0
Colorado	0	0	0	0	0	0	398
Nevada	0	0	0	164	0	0	0
New Mexico	0	0	0	218	0	0	0
Utah	0	0	0	160	0	0	0
Pacific Contiguous	**0**	**2,009**	**0**	**39**	**0**	**0**	**1,039**
California	0	3,156	0	41	0	0	1,039
Oregon	0	3,078	0	167	0	0	0
Washington	0	311	0	263	0	0	0
Pacific Noncontiguous	**23**	**65**	**0**	**517**	**0**	**0**	**0**
Alaska	23	167	0	517	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**17**	**80**	**0**	**20**	**0**	**0**	**148**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.4.A. Relative Standard Error for Net Generation by Fuel Type:

Commercial Sector by Census Division and State, February 2015 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**185**	**30**	**0**	**36**	**49**
Connecticut	0	0	0	0	77	0	75	120
Maine	0	0	0	0	44	0	41	81
Massachusetts	0	0	0	185	70	0	0	66
New Hampshire	0	0	0	0	66	0	0	181
Rhode Island	0	0	0	0	136	0	0	190
Vermont	0	0	0	0	359	0	0	742
Middle Atlantic	**0**	**0**	**0**	**24**	**11**	**0**	**12**	**28**
New Jersey	0	0	0	25	12	0	0	45
New York	0	0	0	216	27	0	28	39
Pennsylvania	0	0	0	165	11	0	0	75
East North Central	**0**	**0**	**0**	**145**	**20**	**0**	**21**	**28**
Illinois	0	0	0	0	0	0	0	51
Indiana	0	0	0	0	88	0	92	91
Michigan	0	0	0	0	19	0	20	26
Ohio	0	0	0	145	145	0	0	173
Wisconsin	0	0	0	0	89	0	0	98
West North Central	**0**	**0**	**0**	**0**	**25**	**0**	**78**	**34**
Iowa	0	0	0	0	71	0	0	57
Minnesota	0	0	0	0	51	0	78	74
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	89	0	0	113
North Dakota	0	0	0	0	0	0	0	685
South Dakota	0	0	0	0	0	0	0	1,025
South Atlantic	**0**	**0**	**0**	**34**	**16**	**0**	**17**	**42**
Delaware	0	0	0	0	171	0	0	171
District of Columbia	0	0	0	0	0	0	0	296
Florida	0	0	0	208	55	0	0	79
Georgia	0	0	0	137	68	0	0	65
Maryland	0	0	0	130	67	0	611	92
North Carolina	0	0	0	37	30	0	0	14
South Carolina	0	0	0	0	0	0	0	259
Virginia	0	0	0	0	16	0	17	15
East South Central	**0**	**0**	**0**	**137**	**137**	**0**	**0**	**139**
Mississippi	0	0	0	0	0	0	0	242
Tennessee	0	0	0	137	137	0	0	152
West South Central	**0**	**0**	**0**	**175**	**57**	**0**	**0**	**30**
Arkansas	0	0	0	0	170	0	0	217
Louisiana	0	0	0	0	0	0	0	83
Oklahoma	0	0	0	0	0	0	0	198
Texas	0	0	0	175	59	0	0	31
Mountain	**0**	**0**	**0**	**35**	**36**	**0**	**0**	**63**
Arizona	0	0	0	71	71	0	0	120
Colorado	0	0	0	64	69	0	0	117
Idaho	0	0	0	0	0	0	0	0
Nevada	0	0	0	51	51	0	0	109
New Mexico	0	0	0	0	278	0	0	203
Utah	0	0	0	0	0	0	0	160
Pacific Contiguous	**0**	**0**	**0**	**31**	**11**	**0**	**0**	**23**
California	0	0	0	31	11	0	0	23
Oregon	0	0	0	0	89	0	0	159
Washington	0	0	0	0	107	0	0	172
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**9**	**0**	**0**	**10**
Alaska	0	0	0	0	56	0	0	24
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**15**	**7**	**0**	**8**	**12**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.4.B. Relative Standard Error for Net Generation by Fuel Type:

Commercial Sector by Census Division and State, Year-to-Date through February 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**101**	**0**	**66**	**0**	**0**	**366**
Connecticut	0	904	0	141	0	0	0
Maine	0	566	0	454	0	0	0
Massachusetts	0	130	0	57	0	0	366
New Hampshire	0	234	0	539	0	0	0
Rhode Island	0	238	0	382	0	0	0
Vermont	0	928	0	0	0	0	0
Middle Atlantic	**195**	**156**	**0**	**59**	**0**	**0**	**372**
New Jersey	0	4,058	0	181	0	0	0
New York	0	156	0	60	0	0	372
Pennsylvania	195	1,357	0	227	0	0	0
East North Central	**26**	**2,380**	**0**	**36**	**0**	**0**	**597**
Illinois	73	185	0	55	0	0	597
Indiana	38	4,520	0	116	0	0	0
Michigan	0	26	0	45	0	0	0
Ohio	485	10,938	0	180	0	0	0
Wisconsin	496	608	0	113	0	0	0
West North Central	**43**	**1,219**	**0**	**93**	**0**	**0**	**0**
Iowa	69	439	0	163	0	0	0
Minnesota	0	1,364	0	113	0	0	0
Missouri	0	854	0	0	0	0	0
Nebraska	0	0	0	1,971	0	0	0
North Dakota	0	685	0	0	0	0	0
South Dakota	0	1,025	0	0	0	0	0
South Atlantic	**20**	**173**	**0**	**99**	**0**	**0**	**144**
District of Columbia	0	0	0	296	0	0	0
Florida	0	0	0	165	0	0	0
Georgia	0	132	0	0	0	0	0
Maryland	280	175	0	119	0	0	0
North Carolina	0	495	0	0	0	0	137
South Carolina	0	428	0	307	0	0	461
Virginia	354	1,134	0	538	0	0	0
East South Central	**165**	**608**	**0**	**163**	**0**	**0**	**0**
Mississippi	0	0	0	242	0	0	0
Tennessee	165	608	0	182	0	0	0
West South Central	**0**	**2,867**	**0**	**32**	**0**	**0**	**0**
Arkansas	0	0	0	898	0	0	0
Louisiana	0	0	0	83	0	0	0
Oklahoma	0	15,239	0	198	0	0	0
Texas	0	2,869	0	34	0	0	0
Mountain	**0**	**863**	**0**	**83**	**0**	**0**	**398**
Arizona	0	863	0	141	0	0	0
Colorado	0	0	0	0	0	0	398
Nevada	0	0	0	164	0	0	0
New Mexico	0	0	0	218	0	0	0
Utah	0	0	0	160	0	0	0
Pacific Contiguous	**0**	**2,009**	**0**	**39**	**0**	**0**	**1,039**
California	0	3,156	0	41	0	0	1,039
Oregon	0	3,078	0	167	0	0	0
Washington	0	311	0	263	0	0	0
Pacific Noncontiguous	**23**	**65**	**0**	**517**	**0**	**0**	**0**
Alaska	23	167	0	517	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**17**	**80**	**0**	**20**	**0**	**0**	**148**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.4.B. Relative Standard Error for Net Generation by Fuel Type:

Commercial Sector by Census Division and State, Year-to-Date through February 2015 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**185**	**30**	**0**	**36**	**49**
Connecticut	0	0	0	0	77	0	75	120
Maine	0	0	0	0	44	0	41	81
Massachusetts	0	0	0	185	70	0	0	66
New Hampshire	0	0	0	0	66	0	0	181
Rhode Island	0	0	0	0	136	0	0	190
Vermont	0	0	0	0	359	0	0	742
Middle Atlantic	**0**	**0**	**0**	**24**	**11**	**0**	**12**	**28**
New Jersey	0	0	0	25	12	0	0	45
New York	0	0	0	216	27	0	28	39
Pennsylvania	0	0	0	165	11	0	0	75
East North Central	**0**	**0**	**0**	**145**	**20**	**0**	**21**	**28**
Illinois	0	0	0	0	0	0	0	51
Indiana	0	0	0	0	88	0	92	91
Michigan	0	0	0	0	19	0	20	26
Ohio	0	0	0	145	145	0	0	173
Wisconsin	0	0	0	0	89	0	0	98
West North Central	**0**	**0**	**0**	**0**	**25**	**0**	**78**	**34**
Iowa	0	0	0	0	71	0	0	57
Minnesota	0	0	0	0	51	0	78	74
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	89	0	0	113
North Dakota	0	0	0	0	0	0	0	685
South Dakota	0	0	0	0	0	0	0	1,025
South Atlantic	**0**	**0**	**0**	**34**	**16**	**0**	**17**	**42**
Delaware	0	0	0	0	171	0	0	171
District of Columbia	0	0	0	0	0	0	0	296
Florida	0	0	0	208	55	0	0	79
Georgia	0	0	0	137	68	0	0	65
Maryland	0	0	0	130	67	0	611	92
North Carolina	0	0	0	37	30	0	0	14
South Carolina	0	0	0	0	0	0	0	259
Virginia	0	0	0	0	16	0	17	15
East South Central	**0**	**0**	**0**	**137**	**137**	**0**	**0**	**139**
Mississippi	0	0	0	0	0	0	0	242
Tennessee	0	0	0	137	137	0	0	152
West South Central	**0**	**0**	**0**	**175**	**57**	**0**	**0**	**30**
Arkansas	0	0	0	0	170	0	0	217
Louisiana	0	0	0	0	0	0	0	83
Oklahoma	0	0	0	0	0	0	0	198
Texas	0	0	0	175	59	0	0	31
Mountain	**0**	**0**	**0**	**35**	**36**	**0**	**0**	**63**
Arizona	0	0	0	71	71	0	0	120
Colorado	0	0	0	64	69	0	0	117
Idaho	0	0	0	0	0	0	0	0
Nevada	0	0	0	51	51	0	0	109
New Mexico	0	0	0	0	278	0	0	203
Utah	0	0	0	0	0	0	0	160
Pacific Contiguous	**0**	**0**	**0**	**31**	**11**	**0**	**0**	**23**
California	0	0	0	31	11	0	0	23
Oregon	0	0	0	0	89	0	0	159
Washington	0	0	0	0	107	0	0	172
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**9**	**0**	**0**	**10**
Alaska	0	0	0	0	56	0	0	24
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**15**	**7**	**0**	**8**	**12**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.5.A. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State, February 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**28**	**72**	**0**	**66**	**0**	**0**	**21**
Connecticut	0	1,162	0	104	0	0	0
Maine	0	66	0	94	0	0	21
Massachusetts	152	827	0	195	0	0	431
New Hampshire	0	318	0	444	0	0	0
Middle Atlantic	**19**	**110**	**56**	**56**	**15**	**0**	**118**
New Jersey	0	410	119	118	35	0	0
New York	0	36	0	131	0	0	118
Pennsylvania	30	653	63	70	11	0	0
East North Central	**9**	**344**	**31**	**40**	**9**	**0**	**79**
Illinois	11	0	0	120	29	0	0
Indiana	197	6	0	59	8	0	0
Michigan	42	70	75	63	0	0	198
Ohio	30	1,850	202	186	35	0	0
Wisconsin	15	238	0	72	0	0	86
West North Central	**13**	**211**	**108**	**62**	**74**	**0**	**116**
Iowa	14	413	108	108	0	0	0
Kansas	0	0	0	94	0	0	0
Minnesota	31	276	0	113	0	0	116
Missouri	118	0	0	795	0	0	0
Nebraska	42	0	0	494	0	0	0
North Dakota	84	415	0	397	74	0	0
South Atlantic	**25**	**89**	**0**	**10**	**0**	**0**	**10**
Delaware	0	0	0	0	0	0	0
Florida	237	231	0	17	0	0	0
Georgia	59	108	0	22	0	0	192
Maryland	0	3,638	0	308	0	0	0
North Carolina	280	177	0	49	0	0	18
South Carolina	0	0	0	111	0	0	0
Virginia	62	227	0	27	0	0	267
West Virginia	9	0	0	664	0	0	6
East South Central	**13**	**170**	**0**	**13**	**40**	**0**	**17**
Alabama	83	168	0	15	43	0	0
Kentucky	0	0	0	151	0	0	0
Mississippi	0	0	0	10	0	0	0
Tennessee	6	1,163	0	62	0	0	17
West South Central	**109**	**416**	**33**	**2**	**10**	**0**	**0**
Arkansas	0	0	0	22	0	0	0
Louisiana	0	0	42	3	12	0	0
Oklahoma	142	1,263	0	82	0	0	0
Texas	0	631	34	3	14	0	0
Mountain	**35**	**731**	**0**	**29**	**4**	**0**	**0**
Colorado	587	920	0	0	0	0	0
Idaho	84	0	0	98	0	0	0
Montana	271	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0
New Mexico	0	843	0	0	0	0	0
Utah	0	1,205	0	86	0	0	0
Wyoming	39	1,539	0	24	4	0	0
Pacific Contiguous	**0**	**74**	**0**	**12**	**11**	**0**	**0**
California	0	191	0	12	11	0	0
Oregon	0	0	0	134	0	0	0
Washington	0	79	0	0	0	0	0
Pacific Noncontiguous	**372**	**26**	**0**	**216**	**153**	**0**	**160**
Alaska	0	25	0	216	0	0	0
Hawaii	372	32	0	0	153	0	160
U.S. Total	**7**	**40**	**19**	**3**	**5**	**0**	**12**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.5.A. Relative Standard Error for Net Generation by Fuel Type:

Industrial Sector by Census Division and State, February 2015 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**0**	**4**	**0**	**31**	**21**
Connecticut	0	0	0	0	0	0	0	105
Maine	0	0	0	0	4	0	31	16
Massachusetts	0	0	0	0	204	0	0	153
New Hampshire	0	0	0	0	0	0	0	440
Middle Atlantic	**0**	**0**	**0**	**78**	**12**	**0**	**0**	**21**
New Jersey	0	0	0	202	202	0	0	70
New York	0	0	0	0	3	0	0	29
Pennsylvania	0	0	0	84	16	0	0	26
East North Central	**0**	**0**	**0**	**193**	**10**	**0**	**9**	**8**
Illinois	0	0	0	0	0	0	25	16
Indiana	0	0	0	0	58	0	0	13
Michigan	0	0	0	0	16	0	0	19
Ohio	0	0	0	193	15	0	0	24
Wisconsin	0	0	0	0	16	0	70	14
West North Central	**0**	**0**	**0**	**0**	**15**	**0**	**55**	**12**
Iowa	0	0	0	0	0	0	0	14
Kansas	0	0	0	0	0	0	0	94
Minnesota	0	0	0	0	15	0	55	21
Missouri	0	0	0	0	179	0	0	119
Nebraska	0	0	0	0	0	0	0	43
North Dakota	0	0	0	0	81	0	0	57
South Atlantic	**0**	**0**	**0**	**0**	**3**	**0**	**6**	**4**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	10	0	6	9
Georgia	0	0	0	0	6	0	0	6
Maryland	0	0	0	0	0	0	0	47
North Carolina	0	0	0	0	9	0	0	14
South Carolina	0	0	0	0	1	0	0	2
Virginia	0	0	0	0	7	0	0	13
West Virginia	0	0	0	0	0	0	0	5
East South Central	**0**	**0**	**0**	**0**	**6**	**0**	**30**	**5**
Alabama	0	0	0	0	9	0	0	9
Kentucky	0	0	0	0	5	0	0	50
Mississippi	0	0	0	0	5	0	175	6
Tennessee	0	0	0	0	16	0	0	9
West South Central	**0**	**0**	**0**	**0**	**6**	**0**	**7**	**2**
Arkansas	0	0	0	0	4	0	0	5
Louisiana	0	0	0	0	9	0	5	3
Oklahoma	0	0	0	0	30	0	112	50
Texas	0	0	0	0	14	0	12	3
Mountain	**0**	**0**	**0**	**220**	**4**	**0**	**67**	**14**
Colorado	0	0	0	0	304	0	67	97
Idaho	0	0	0	0	3	0	0	19
Montana	0	0	0	0	0	0	0	271
Nevada	0	0	0	220	220	0	0	220
New Mexico	0	0	0	0	0	0	0	843
Utah	0	0	0	0	0	0	0	86
Wyoming	0	0	0	0	0	0	0	16
Pacific Contiguous	**0**	**0**	**0**	**127**	**10**	**0**	**11**	**8**
California	0	0	0	127	23	0	12	9
Oregon	0	0	0	0	15	0	0	18
Washington	0	0	0	0	11	0	0	10
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**33**	**0**	**0**	**38**
Alaska	0	0	0	0	116	0	0	90
Hawaii	0	0	0	0	34	0	0	41
U.S. Total	**0**	**0**	**0**	**61**	**3**	**0**	**5**	**2**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.5.B. Relative Standard Error for Net Generation by Fuel Type:

Industrial Sector by Census Division and State, Year-to-Date through February 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**28**	**72**	**0**	**66**	**0**	**0**	**21**
Connecticut	0	1,162	0	104	0	0	0
Maine	0	66	0	94	0	0	21
Massachusetts	152	827	0	195	0	0	431
New Hampshire	0	318	0	444	0	0	0
Middle Atlantic	**19**	**110**	**56**	**56**	**15**	**0**	**118**
New Jersey	0	410	119	118	35	0	0
New York	0	36	0	131	0	0	118
Pennsylvania	30	653	63	70	11	0	0
East North Central	**9**	**344**	**31**	**40**	**9**	**0**	**79**
Illinois	11	0	0	120	29	0	0
Indiana	197	6	0	59	8	0	0
Michigan	42	70	75	63	0	0	198
Ohio	30	1,850	202	186	35	0	0
Wisconsin	15	238	0	72	0	0	86
West North Central	**13**	**211**	**108**	**62**	**74**	**0**	**116**
Iowa	14	413	108	108	0	0	0
Kansas	0	0	0	94	0	0	0
Minnesota	31	276	0	113	0	0	116
Missouri	118	0	0	795	0	0	0
Nebraska	42	0	0	494	0	0	0
North Dakota	84	415	0	397	74	0	0
South Atlantic	**25**	**89**	**0**	**10**	**0**	**0**	**10**
Delaware	0	0	0	0	0	0	0
Florida	237	231	0	17	0	0	0
Georgia	59	108	0	22	0	0	192
Maryland	0	3,638	0	308	0	0	0
North Carolina	280	177	0	49	0	0	18
South Carolina	0	0	0	111	0	0	0
Virginia	62	227	0	27	0	0	267
West Virginia	9	0	0	664	0	0	6
East South Central	**13**	**170**	**0**	**13**	**40**	**0**	**17**
Alabama	83	168	0	15	43	0	0
Kentucky	0	0	0	151	0	0	0
Mississippi	0	0	0	10	0	0	0
Tennessee	6	1,163	0	62	0	0	17
West South Central	**109**	**416**	**33**	**2**	**10**	**0**	**0**
Arkansas	0	0	0	22	0	0	0
Louisiana	0	0	42	3	12	0	0
Oklahoma	142	1,263	0	82	0	0	0
Texas	0	631	34	3	14	0	0
Mountain	**35**	**731**	**0**	**29**	**4**	**0**	**0**
Colorado	587	920	0	0	0	0	0
Idaho	84	0	0	98	0	0	0
Montana	271	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0
New Mexico	0	843	0	0	0	0	0
Utah	0	1,205	0	86	0	0	0
Wyoming	39	1,539	0	24	4	0	0
Pacific Contiguous	**0**	**74**	**0**	**12**	**11**	**0**	**0**
California	0	191	0	12	11	0	0
Oregon	0	0	0	134	0	0	0
Washington	0	79	0	0	0	0	0
Pacific Noncontiguous	**372**	**26**	**0**	**216**	**153**	**0**	**160**
Alaska	0	25	0	216	0	0	0
Hawaii	372	32	0	0	153	0	160
U.S. Total	**7**	**40**	**19**	**3**	**5**	**0**	**12**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.5.B. Relative Standard Error for Net Generation by Fuel Type:

Industrial Sector by Census Division and State, Year-to-Date through February 2015 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**0**	**4**	**0**	**31**	**21**
Connecticut	0	0	0	0	0	0	0	105
Maine	0	0	0	0	4	0	31	16
Massachusetts	0	0	0	0	204	0	0	153
New Hampshire	0	0	0	0	0	0	0	440
Middle Atlantic	**0**	**0**	**0**	**78**	**12**	**0**	**0**	**21**
New Jersey	0	0	0	202	202	0	0	70
New York	0	0	0	0	3	0	0	29
Pennsylvania	0	0	0	84	16	0	0	26
East North Central	**0**	**0**	**0**	**193**	**10**	**0**	**9**	**8**
Illinois	0	0	0	0	0	0	25	16
Indiana	0	0	0	0	58	0	0	13
Michigan	0	0	0	0	16	0	0	19
Ohio	0	0	0	193	15	0	0	24
Wisconsin	0	0	0	0	16	0	70	14
West North Central	**0**	**0**	**0**	**0**	**15**	**0**	**55**	**12**
Iowa	0	0	0	0	0	0	0	14
Kansas	0	0	0	0	0	0	0	94
Minnesota	0	0	0	0	15	0	55	21
Missouri	0	0	0	0	179	0	0	119
Nebraska	0	0	0	0	0	0	0	43
North Dakota	0	0	0	0	81	0	0	57
South Atlantic	**0**	**0**	**0**	**0**	**3**	**0**	**6**	**4**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	10	0	6	9
Georgia	0	0	0	0	6	0	0	6
Maryland	0	0	0	0	0	0	0	47
North Carolina	0	0	0	0	9	0	0	14
South Carolina	0	0	0	0	1	0	0	2
Virginia	0	0	0	0	7	0	0	13
West Virginia	0	0	0	0	0	0	0	5
East South Central	**0**	**0**	**0**	**0**	**6**	**0**	**30**	**5**
Alabama	0	0	0	0	9	0	0	9
Kentucky	0	0	0	0	5	0	0	50
Mississippi	0	0	0	0	5	0	175	6
Tennessee	0	0	0	0	16	0	0	9
West South Central	**0**	**0**	**0**	**0**	**6**	**0**	**7**	**2**
Arkansas	0	0	0	0	4	0	0	5
Louisiana	0	0	0	0	9	0	5	3
Oklahoma	0	0	0	0	30	0	112	50
Texas	0	0	0	0	14	0	12	3
Mountain	**0**	**0**	**0**	**220**	**4**	**0**	**67**	**14**
Colorado	0	0	0	0	304	0	67	97
Idaho	0	0	0	0	3	0	0	19
Montana	0	0	0	0	0	0	0	271
Nevada	0	0	0	220	220	0	0	220
New Mexico	0	0	0	0	0	0	0	843
Utah	0	0	0	0	0	0	0	86
Wyoming	0	0	0	0	0	0	0	16
Pacific Contiguous	**0**	**0**	**0**	**127**	**10**	**0**	**11**	**8**
California	0	0	0	127	23	0	12	9
Oregon	0	0	0	0	15	0	0	18
Washington	0	0	0	0	11	0	0	10
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**33**	**0**	**0**	**38**
Alaska	0	0	0	0	116	0	0	90
Hawaii	0	0	0	0	34	0	0	41
U.S. Total	**0**	**0**	**0**	**61**	**3**	**0**	**5**	**2**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.6.A. Relative Standard Error for Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, February 2015

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

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.6.B. Relative Standard Error for Retail Sales of Electricity to Ultimate Customers

by End-Use Sector, Census Division, and State, Year-to-Date through February 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**1**	**0**	**3**	**0**	**1**
Connecticut	1	1	5	0	1
Maine	1	1	2	0	1
Massachusetts	1	1	7	0	1
New Hampshire	1	1	5	0	1
Rhode Island	0	0	0	0	0
Vermont	4	3	7	0	2
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	2	1	3	0	1
New York	0	0	2	0	0
Pennsylvania	0	0	1	0	0
East North Central	**1**	**1**	**1**	**0**	**0**
Illinois	1	1	1	0	1
Indiana	1	1	2	0	1
Michigan	1	2	1	0	1
Ohio	1	1	2	0	1
Wisconsin	1	3	3	0	1
West North Central	**1**	**1**	**2**	**0**	**1**
Iowa	1	6	3	0	2
Kansas	2	1	3	0	1
Minnesota	1	3	3	0	2
Missouri	2	1	5	0	1
Nebraska	1	6	4	0	2
North Dakota	1	3	5	0	2
South Dakota	2	7	6	0	3
South Atlantic	**1**	**0**	**1**	**0**	**0**
Delaware	8	5	9	0	4
District of Columbia	14	3	18	0	4
Florida	1	1	2	0	1
Georgia	2	1	1	0	1
Maryland	2	1	5	0	1
North Carolina	1	1	1	0	1
South Carolina	2	1	1	0	1
Virginia	1	0	1	0	0
West Virginia	0	0	0	0	0
East South Central	**1**	**1**	**1**	**0**	**1**
Alabama	2	1	1	0	1
Kentucky	2	2	3	0	1
Mississippi	2	2	2	0	1
Tennessee	1	1	4	0	1
West South Central	**1**	**0**	**1**	**0**	**0**
Arkansas	2	1	2	0	1
Louisiana	2	1	1	0	1
Oklahoma	2	1	2	0	1
Texas	1	0	1	0	0
Mountain	**1**	**2**	**1**	**0**	**1**
Arizona	1	2	2	0	1
Colorado	2	4	4	0	2
Idaho	1	4	3	0	1
Montana	2	6	4	0	2
Nevada	1	4	1	0	1
New Mexico	2	6	6	0	3
Utah	2	4	1	0	2
Wyoming	2	5	2	0	2
Pacific Contiguous	**0**	**1**	**1**	**0**	**1**
California	0	1	2	0	1
Oregon	1	4	5	0	2
Washington	1	3	3	0	1
Pacific Noncontiguous	**1**	**4**	**2**	**0**	**2**
Alaska	2	7	7	0	4
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**0**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.7.A. Relative Standard Error for Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, February 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**1**	**1**	**2**	**0**	**1**
Connecticut	0	1	6	0	1
Maine	1	2	2	0	1
Massachusetts	1	1	4	0	1
New Hampshire	1	1	4	0	1
Rhode Island	0	12	0	0	5
Vermont	4	3	7	0	3
Middle Atlantic	**0**	**1**	**2**	**0**	**0**
New Jersey	1	0	2	0	0
New York	0	0	1	0	0
Pennsylvania	1	2	4	0	1
East North Central	**1**	**1**	**1**	**0**	**0**
Illinois	1	1	3	0	1
Indiana	2	2	2	0	1
Michigan	1	1	3	0	1
Ohio	1	1	3	0	1
Wisconsin	1	2	4	0	1
West North Central	**1**	**1**	**3**	**0**	**1**
Iowa	2	6	6	0	3
Kansas	4	2	4	0	2
Minnesota	2	3	6	0	2
Missouri	2	2	6	0	2
Nebraska	2	6	9	0	3
North Dakota	2	4	7	0	3
South Dakota	2	6	11	0	3
South Atlantic	**1**	**0**	**1**	**0**	**1**
Delaware	2	2	7	0	2
District of Columbia	0	0	0	0	0
Florida	1	1	3	0	1
Georgia	2	1	2	0	1
Maryland	1	1	3	0	1
North Carolina	2	1	2	0	1
South Carolina	2	1	2	0	1
Virginia	1	1	2	0	1
West Virginia	1	1	0	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	2	2	2	0	1
Kentucky	2	2	3	0	2
Mississippi	4	2	3	0	2
Tennessee	2	2	5	0	1
West South Central	**1**	**1**	**1**	**0**	**1**
Arkansas	3	3	3	0	2
Louisiana	3	1	1	0	1
Oklahoma	3	2	4	0	2
Texas	2	1	2	0	1
Mountain	**1**	**3**	**2**	**0**	**1**
Arizona	2	3	4	0	2
Colorado	3	5	7	0	3
Idaho	1	3	4	0	2
Montana	2	5	10	0	3
Nevada	1	21	1	0	7
New Mexico	4	7	12	0	4
Utah	4	5	3	0	3
Wyoming	3	5	3	0	2
Pacific Contiguous	**1**	**1**	**2**	**0**	**1**
California	1	1	2	0	1
Oregon	1	3	9	0	2
Washington	1	2	6	0	1
Pacific Noncontiguous	**1**	**2**	**2**	**0**	**1**
Alaska	3	6	10	0	3
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**0**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.7.B. Relative Standard Error for Revenue from Retail Sales of Electricity to Ultimate Customers

by End-Use Sector, Census Division, and State, Year-to-Date through February 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**2**	**0**	**0**
Connecticut	0	1	5	0	1
Maine	1	2	2	0	1
Massachusetts	1	1	4	0	1
New Hampshire	1	1	3	0	1
Rhode Island	0	10	0	0	5
Vermont	3	3	6	0	2
Middle Atlantic	**0**	**1**	**1**	**0**	**0**
New Jersey	2	1	2	0	1
New York	0	0	1	0	0
Pennsylvania	0	2	3	0	1
East North Central	**0**	**1**	**1**	**0**	**0**
Illinois	1	1	2	0	1
Indiana	1	1	2	0	1
Michigan	0	1	2	0	1
Ohio	1	1	2	0	1
Wisconsin	1	2	4	0	1
West North Central	**1**	**1**	**2**	**0**	**1**
Iowa	1	5	5	0	2
Kansas	3	2	3	0	1
Minnesota	1	3	5	0	2
Missouri	2	1	5	0	1
Nebraska	2	5	7	0	3
North Dakota	1	3	6	0	2
South Dakota	2	6	9	0	3
South Atlantic	**1**	**0**	**1**	**12**	**0**
Delaware	9	6	9	0	6
District of Columbia	17	4	9	29	6
Florida	1	1	3	0	1
Georgia	2	1	2	0	1
Maryland	2	1	3	0	1
North Carolina	1	1	2	0	1
South Carolina	2	1	2	0	1
Virginia	1	1	2	0	1
West Virginia	0	1	0	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	2	1	2	0	1
Kentucky	2	2	3	0	1
Mississippi	3	2	3	0	2
Tennessee	1	2	4	0	1
West South Central	**1**	**1**	**1**	**0**	**1**
Arkansas	2	2	3	0	1
Louisiana	2	1	1	0	1
Oklahoma	2	2	3	0	2
Texas	1	1	1	0	1
Mountain	**1**	**2**	**2**	**0**	**1**
Arizona	1	2	4	0	1
Colorado	2	4	6	0	2
Idaho	1	3	4	0	1
Montana	2	4	9	0	2
Nevada	1	18	1	0	5
New Mexico	3	6	9	0	3
Utah	3	5	2	0	2
Wyoming	2	5	3	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**0**
California	0	1	2	0	0
Oregon	1	4	7	0	2
Washington	1	2	5	0	1
Pacific Noncontiguous	**1**	**2**	**2**	**0**	**1**
Alaska	3	5	9	0	3
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**2**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.8.A. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, February 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**2**	**0**	**1**
Connecticut	0	1	6	0	1
Maine	1	2	1	0	1
Massachusetts	1	0	4	0	1
New Hampshire	1	0	2	0	0
Rhode Island	0	12	0	0	5
Vermont	2	1	3	0	1
Middle Atlantic	**0**	**1**	**2**	**0**	**0**
New Jersey	0	0	1	0	0
New York	0	0	1	0	0
Pennsylvania	0	2	4	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	0	0	1	0	0
Indiana	1	1	1	0	0
Michigan	0	1	1	0	0
Ohio	0	0	1	0	0
Wisconsin	1	1	2	0	1
West North Central	**0**	**0**	**2**	**0**	**0**
Iowa	1	2	4	0	1
Kansas	1	1	2	0	1
Minnesota	1	1	3	0	1
Missouri	1	1	2	0	1
Nebraska	1	2	5	0	1
North Dakota	1	1	3	0	1
South Dakota	1	2	5	0	1
South Atlantic	**0**	**0**	**1**	**0**	**0**
Delaware	1	1	2	0	1
District of Columbia	0	0	0	0	0
Florida	0	1	2	0	0
Georgia	1	1	1	0	0
Maryland	0	0	2	0	0
North Carolina	1	1	1	0	0
South Carolina	1	1	1	0	1
Virginia	0	0	1	0	0
West Virginia	0	0	0	0	0
East South Central	**0**	**0**	**1**	**0**	**0**
Alabama	1	1	1	0	1
Kentucky	1	1	1	0	1
Mississippi	1	1	2	0	1
Tennessee	1	1	2	0	1
West South Central	**0**	**1**	**1**	**0**	**0**
Arkansas	1	2	2	0	1
Louisiana	1	1	1	0	0
Oklahoma	1	1	2	0	1
Texas	0	1	1	0	0
Mountain	**0**	**2**	**1**	**0**	**1**
Arizona	1	1	2	0	1
Colorado	1	1	3	0	1
Idaho	1	1	2	0	1
Montana	1	2	7	0	1
Nevada	0	21	1	0	7
New Mexico	1	2	7	0	2
Utah	1	1	2	0	1
Wyoming	1	2	2	0	1
Pacific Contiguous	**0**	**1**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	1	6	0	1
Washington	1	1	3	0	1
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	2	4	5	0	2
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**0**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table A.8.B. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers

by End-Use Sector, Census Division, and State, Year-to-Date through February 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**3**	**0**	**1**
Connecticut	0	1	6	0	1
Maine	1	2	2	0	1
Massachusetts	1	1	6	0	1
New Hampshire	1	1	4	0	1
Rhode Island	0	10	0	0	5
Vermont	3	2	6	0	2
Middle Atlantic	**0**	**1**	**1**	**0**	**0**
New Jersey	1	1	2	0	1
New York	0	0	2	0	0
Pennsylvania	0	2	2	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	1	1	2	0	0
Indiana	1	1	2	0	1
Michigan	0	1	2	0	1
Ohio	1	1	2	0	1
Wisconsin	1	2	3	0	1
West North Central	**1**	**1**	**2**	**0**	**1**
Iowa	1	4	4	0	2
Kansas	2	1	3	0	1
Minnesota	1	3	4	0	1
Missouri	1	1	4	0	1
Nebraska	2	5	6	0	2
North Dakota	1	3	5	0	2
South Dakota	2	6	7	0	2
South Atlantic	**1**	**0**	**1**	**12**	**0**
Delaware	5	5	9	0	4
District of Columbia	10	4	18	29	5
Florida	1	1	2	0	1
Georgia	1	1	2	0	1
Maryland	2	1	4	0	1
North Carolina	1	1	2	0	1
South Carolina	1	1	1	0	1
Virginia	1	0	2	0	0
West Virginia	0	0	0	0	0
East South Central	**1**	**1**	**1**	**0**	**1**
Alabama	1	1	1	0	1
Kentucky	2	2	2	0	1
Mississippi	2	2	2	0	1
Tennessee	1	1	4	0	1
West South Central	**1**	**1**	**1**	**0**	**0**
Arkansas	2	2	2	0	1
Louisiana	1	1	1	0	1
Oklahoma	2	1	3	0	1
Texas	1	1	1	0	0
Mountain	**1**	**2**	**1**	**0**	**1**
Arizona	1	2	3	0	1
Colorado	2	3	5	0	2
Idaho	1	3	3	0	1
Montana	2	4	7	0	2
Nevada	1	18	1	0	5
New Mexico	2	5	7	0	3
Utah	2	4	2	0	2
Wyoming	2	4	2	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**0**
California	0	1	2	0	0
Oregon	1	4	6	0	2
Washington	1	2	4	0	1
Pacific Noncontiguous	**1**	**3**	**2**	**0**	**1**
Alaska	2	6	7	0	3
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**2**	**0**

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.

Table B.1 Major Disturbances and Unusual Occurrences, Year-to-Date 2015

Year	Month	Event Date and Time	Restoration Date and Time	Duration	Utility/Power Pool	NERC Region	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected
2015	1	01/07/2015 5:00 PM	01/08/2015 8:35 AM	15 Hours, 35 Minutes	Tennessee Valley Authority	SERC	Tennessee, Kentucky, Virginia, North Carolina, Georgia, Alabama, Missouri	Public appeal to reduce the use of electricity - Severe Weather - Winter	Unknown	Unknown
2015	1	01/07/2015 5:00 PM	01/08/2015 8:35 AM	15 Hours, 35 Minutes	Memphis Light Gas and Water Division	SERC	Tennessee	Public appeal to reduce the use of electricity - Severe Weather - Winter	Unknown	Unknown
2015	2	02/06/2015 8:58 PM	ongoing	ongoing	Pacific Gas & Electric Co	WECC	Northern California	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather - Wind	Unknown	65000
2015	2	02/16/2015 9:00 PM	02/18/2015 2:00 PM	41 Hours, 0 Minutes	Tennessee Valley Authority	SERC	Tennessee, Kentucky, Virginia, North Carolina, Georgia, Alabama, Missouri	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather- Winter	Unknown	67189
2015	2	02/16/2015 9:41 PM	02/18/2015 7:00 AM	33 Hours, 19 Minutes	Southern Company	SERC	Northern/North Eastern, Georgia	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather- Winter	620	186035
2015	2	02/17/2015 2:12 AM	02/18/2015 4:00 PM	37 Hours, 48 Minutes	Duke Energy Carolinas	SERC	North Carolina, South Carolina	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather- Winter	Unknown	68000
2015	2	02/17/2015 9:00 AM	02/18/2015 11:00 PM	38 Hours, 0 Minutes	Duke Energy Progress	SERC	North Carolina, South Carolina	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather- Winter	Unknown	52000
2015	2	02/18/2015 3:00 PM	02/20/2015 9:00 AM	42 Hours, 0 Minutes	Tennessee Valley Authority	SERC	Tennessee, Kentucky, Virginia, North Carolina, Georgia, Alabama, Missouri	Public appeal to reduce the use of electricity - Severe Weather- Winter	Unknown	Unknown
2015	2	02/20/2015 6:00 AM	02/20/2015 10:00 AM	4 Hours, 0 Minutes	Duke Energy Progress	SERC	North Carolina, South Carolina	System-wide voltage reductions of 3 percent or more - Severe Weather- Winter	Unknown	Unknown
2015	2	02/21/2015 8:34 AM	02/21/2015 12:45 PM	4 Hours, 11 Minutes	Tennessee Valley Authority	SERC	Fentress County, Tennessee	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather- Winter	Unknown	50000
2015	2	02/26/2015 3:12 AM	02/26/2015 8:00 PM	16 Hours, 48 Minutes	Duke Energy Progress	SERC	North Carolina, South Carolina	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather- Winter	Unknown	124000
2015	2	02/26/2015 3:30 AM	02/27/2015 12:00 PM	32 Hours, 30 Minutes	Duke Energy Carolinas	SERC	North Carolina	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather- Winter	400	103776

Note: Customers affected are estimates and are preliminary.Source: Form OE-417, 'Electric Emergency Incident and Disturbance Report.'

Table B.2 Major Disturbances and Unusual Occurrences, 2014

Year	Month	Event Date and Time	Restoration Date and Time	Duration	Utility/Power Pool	NERC Region	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected
2014	1	01/06/2014 7:01 AM	01/07/2014 9:00 AM	25 Hours, 59 Minutes	ERCOT	TRE	Texas	Public Appeal due to Severe Weather - Cold	N/A	N/A
2014	1	01/06/2014 7:50 PM	01/06/2014 8:44 PM	0 Hours, 54 Minutes	PPL Electric Utilities Corp	RFC	Pennsylvania	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 7:50 PM	01/06/2014 8:44 PM	0 Hours, 54 Minutes	PJM Interconnection	RFC	Unknown	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 7:50 PM	01/06/2014 8:44 PM	0 Hours, 54 Minutes	Potomac Electric Power Co	RFC	District of Columbia	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 7:50 PM	01/06/2014 8:49 PM	0 Hours, 59 Minutes	UGI Utilities, Inc	RFC	Pennsylvania	Voltage Reduction due to Severe Weather - Cold	200	62000
2014	1	01/06/2014 7:52 PM	01/06/2014 8:45 PM	0 Hours, 53 Minutes	Delmarva Power & Light Company	RFC	Delaware	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 8:45 PM	01/07/2014 9:00 PM	24 Hours, 15 Minutes	PJM Interconnection	RFC	Unknown	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 10:00 PM	01/06/2014 10:01 PM	0 Hours, 1 Minutes	Louisville Gas & Electric Co	RFC	Kentucky	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 6:00 AM	01/07/2014 8:30 AM	2 Hours, 30 Minutes	Memphis Light Gas and Water Division	SERC	Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 6:00 AM	01/07/2014 8:30 AM	2 Hours, 30 Minutes	Tennessee Valley Authority	SERC	Northeast Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 7:58 AM	01/07/2014 11:00 AM	3 Hours, 2 Minutes	Duke Energy Progress	SERC	North Carolina	Voltage Reduction; Public Appeal due to Severe Weather - Cold	14435	Unknown
2014	1	01/07/2014 9:30 AM	01/08/2014 9:30 AM	24 Hours, 0 Minutes	Duke Energy Carolinas	SERC	Piedmont North Carolina, Piedmont South Carolina	Fuel Supply Emergency due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 10:59 AM	01/09/2014 9:00 AM	46 Hours, 1 Minutes	Prairie Power, Inc.	RFC	Illinois	Fuel Supply Emergency - Natural Gas	N/A	N/A
2014	1	01/07/2014 4:15 PM	01/08/2014 1:20 PM	21 Hours, 5 Minutes	Duke Energy Progress	SERC	North Carolina	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 6:00 PM	01/07/2014 11:00 PM	5 Hours, 0 Minutes	South Carolina Electric and Gas	SERC	South Carolina	Voltage Reduction; Public Appeal; Load Shed 100+MW due to Severe Weather - Cold	4853	677858
2014	1	01/07/2014 9:00 PM	01/08/2014 9:00 AM	12 Hours, 0 Minutes	PJM Interconnection	RFC	Unknown	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/08/2014 5:00 AM	01/08/2014 6:30 AM	1 Hours, 30 Minutes	American Electric Power	RFC	Unknown	Voltage Reduction due to Severe Weather - Cold	576	Unknown
2014	1	01/08/2014 6:00 AM	01/08/2014 9:00 AM	3 Hours, 0 Minutes	South Carolina Electric and Gas	SERC	South Carolina	Voltage Reduction; Public Appeal; Load Shed 100+MW due to Severe Weather - Cold	4545	677858
2014	1	01/17/2014 10:30 AM	01/28/2014 9:00 AM	262 Hours, 30 Minutes	Prairie Power, Inc.	RFC	Illinois	Fuel Supply Emergency - Natural Gas	Unknown	Unknown
2014	1	01/18/2014 9:00 AM	01/18/2014 9:45 AM	0 Hours, 45 Minutes	ERCOT	TRE	Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	1	01/18/2014 5:39 PM	ongoing	ongoing	First Energy Solutions Corp.	RFC	Unknown	Electrical System Islanding	Unknown	Unknown
2014	1	01/23/2014 4:00 AM	01/24/2014 12:00 PM	32 Hours, 0 Minutes	Memphis Light Gas and Water Division	SERC	Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/23/2014 1:04 PM	01/24/2014 9:00 AM	19 Hours, 56 Minutes	PJM Interconnection	RFC	Maryland	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/23/2014 4:00 PM	01/24/2014 12:00 PM	20 Hours, 0 Minutes	Tennessee Valley Authority	SERC	Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/24/2014 12:00 AM	ongoing	ongoing	We Energies	RFC	Wisconsin	Fuel Supply Emergency - Coal	Unknown	
2014	1	01/27/2014 2:20 PM	01/28/2014 9:00 PM	30 Hours, 40 Minutes	PJM Interconnection	RFC	Maryland	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	2	02/05/2014 12:00 AM	02/09/2014 6:00 PM	114 Hours, 0 Minutes	FirstEnergy Corp: Potomac Edison	RFC	Maryland, West Virginia	Severe Weather - Snow/Ice	Unknown	101580
2014	2	02/05/2014 1:00 AM	02/09/2014 8:40 PM	115 Hours, 40 Minutes	FirstEnergy Corp: Met-Ed	RFC	Pennsylvania	Severe Weather - Snow/Ice	Unknown	144000
2014	2	02/05/2014 5:00 AM	02/05/2014 5:01 AM	0 Hours, 1 Minutes	Exelon Corporation/PECO	RFC	Pennsylvania	Severe Weather - Snow/Ice	Unknown	715000
2014	2	02/05/2014 7:00 AM	02/23/2014 7:00 AM	432 Hours, 0 Minutes	Upstate New York Power Producers	NPCC	New York	Fuel Supply Emergency - Coal	300	Unknown
2014	2	02/05/2014 7:35 AM	02/07/2014 4:03 AM	44 Hours, 28 Minutes	PPL Electric Utilities Corp	RFC	Lancaster Region, Pennsylvania	Severe Weather - Snow/Ice	Unknown	62159
2014	2	02/05/2014 8:05 AM	02/05/2014 8:06 AM	0 Hours, 1 Minutes	Baltimore Gas & Electric Company	RFC	Baltimore, Maryland	Severe Weather - Ice	800	181000
2014	2	02/06/2014 1:00 PM	02/06/2014 10:00 PM	9 Hours, 0 Minutes	California ISO	WECC	California	Fuel Supply Emergency - Natural Gas	4000	Unknown
2014	2	02/06/2014 1:05 PM	02/06/2014 7:15 PM	6 Hours, 10 Minutes	Pacific Gas & Electric Co	WECC	Northern California	Fuel Supply Emergency - Natural Gas	160	Unknown
2014	2	02/06/2014 1:58 PM	02/06/2014 8:40 PM	6 Hours, 42 Minutes	American Electric Power	TRE	Rio Grande Valley Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/06/2014 2:15 PM	02/06/2014 7:39 PM	5 Hours, 24 Minutes	Southern California Edison	WECC	California	Fuel Supply Emergency - Natural Gas	611	Unknown
2014	2	02/06/2014 3:35 PM	02/07/2014 11:30 AM	19 Hours, 55 Minutes	ERCOT	TRE	ERCOT Region Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/07/2014 7:00 AM	03/21/2014 8:00 AM	1,009 Hours, 0 Minutes	Somerset Operating Company, LLC	NPCC	Niagara County New York	Fuel Supply Emergency - Coal	675	Unknown
2014	2	02/07/2014 4:30 PM	02/08/2014 9:00 AM	16 Hours, 30 Minutes	ERCOT	TRE	ERCOT Region Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/07/2014 4:50 PM	02/07/2014 8:30 PM	3 Hours, 40 Minutes	American Electric Power	TRE	Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/12/2014 7:48 AM	02/15/2014 4:30 AM	68 Hours, 42 Minutes	Southern Company	SERC	Northern/Northeastern Georgia	Severe Weather - Snow/Ice	1246	373835
2014	2	02/12/2014 11:03 AM	02/15/2014 8:40 AM	69 Hours, 37 Minutes	South Carolina Electric and Gas	SERC	South Carolina	Severe Weather - Snow/Ice	700	120124
2014	2	02/12/2014 12:10 PM	02/15/2014 3:20 PM	75 Hours, 10 Minutes	Duke Energy Progress	SERC	North Carolina	Severe Weather - Snow/Ice	Unknown	200000
2014	2	02/20/2014 4:40 PM	02/21/2014 11:59 PM	31 Hours, 19 Minutes	Ameren Missouri	SERC	Missouri, Illinois	Severe Weather - Snow/Ice	Unknown	66000
2014	2	02/21/2014 2:53 AM	02/21/2014 9:00 PM	18 Hours, 7 Minutes	Southern Company	SERC	Northern/Northeastern Georgia	Severe Weather - Thunderstorms/High Winds	221	66445
2014	3	03/02/2014 7:00 PM	03/04/2014 9:00 AM	38 Hours, 0 Minutes	ERCOT	TRE	ERCOT Region Texas	Public Appeal due to Severe Weather - Cold	N/A	N/A
2014	3	03/03/2014 1:48 AM	03/03/2014 1:49 AM	0 Hours, 1 Minutes	Public Utility District #1 of Chelan County (CHPD)	WECC	Mid-Columbia River Generation, Washington	Fuel Supply Emergency - Hydro	630	Unknown
2014	3	03/03/2014 6:40 AM	03/03/2014 3:28 PM	8 Hours, 48 Minutes	Tennessee Valley Authority	SERC	Tennessee	Severe Weather - Winter Storm	Unknown	65904
2014	3	03/04/2014 9:06 AM	03/17/2014 9:06 AM	312 Hours, 0 Minutes	Wisconsin Public Service Corp	MRO	Weston, Wisconsin	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	3	03/07/2014 3:30 AM	03/07/2014 9:00 PM	17 Hours, 30 Minutes	Duke Energy Carolinas	SERC	Triad, North Carolina	Severe Weather - Winter Storm	1500	370900
2014	3	03/12/2014 7:35 PM	03/13/2014 12:00 PM	16 Hours, 25 Minutes	Duke Energy Carolinas	SERC	North Carolina	Severe Weather - High Winds	250	61377
2014	3	03/26/2014 1:37 PM	03/26/2014 2:33 PM	0 Hours, 56 Minutes	Peak Reliability	WECC	Montana	Electrical System Separation (Islanding)	Unknown	Unknown
2014	3	03/31/2014 3:41 PM	03/31/2014 8:08 PM	4 Hours, 27 Minutes	Puerto Rico Electric Power Authority	N/A	Puerto Rico	System Wide Voltage Reduction	Unknown	Unknown
2014	4	04/03/2014 12:00 AM	ongoing	ongoing	City of Garland / Texas Municipal Power Agency	TRE	Texas	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	4	04/03/2014 2:45 PM	04/09/2014 11:53 AM	141 Hours, 8 Minutes	We Energies	MRO	Wisconsin	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	4	04/04/2014 3:30 AM	04/04/2014 8:15 AM	4 Hours, 45 Minutes	Entergy Services, Inc.	SERC	Central Arkansas	Severe Weather - Wind	Unknown	57200
2014	4	04/08/2014 11:09 AM	04/08/2014 11:20 AM	0 Hours, 11 Minutes	Puerto Rico Electric Power Authority	N/A	Puerto Rico	Voltage Reduction	Unknown	Unknown
2014	4	04/12/2014 6:15 PM	04/14/2014 9:00 AM	38 Hours, 45 Minutes	Consumers Energy	RFC	Western and Central Michigan	Severe Weather - Thunderstorms	Unknown	50000
2014	4	04/12/2014 8:00 PM	04/15/2014 7:30 PM	71 Hours, 30 Minutes	Detroit Edison Company	RFC	Michigan	Severe Weather	Unknown	164000
2014	4	04/23/2014 7:45 PM	04/23/2014 8:37 PM	0 Hours, 52 Minutes	MISO / Entergy Transmission	SERC	Baton Rouge, Louisiana	Load shedding of 100 Megawatts	163	28000
2014	4	04/24/2014 3:02 PM	04/24/2014 5:13 PM	2 Hours, 11 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2014	4	04/27/2014 9:15 AM	ongoing	ongoing	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	9750	4000000
2014	4	04/29/2014 9:37 AM	05/01/2014 9:00 AM	47 Hours, 23 Minutes	Tennessee Valley Authority	SERC	Northeastern Mississippi, Northern Alabama	Severe Weather - Thunderstorms	Unknown	57000
2014	4	4/28/2014 23:30	04/29/2014 12:30 PM	13 Hours, 0 Minutes	Southern Company	SERC	Mississippi, Alabama	Severe Weather - Thunderstorms	355	106648
2014	4	04/30/2014 3:50 AM	04/30/2014 2:00 PM	10 Hours, 10 Minutes	Southern Company	SERC	Alabama, Florida, Georgia	Severe Weather - Thunderstorms	296	89000

Table B.2 Major Disturbances and Unusual Occurrences, 2014

Year	Month	Event Date and Time	Restoration Date and Time	Duration	Utility/Power Pool	NERC Region	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected
2014	5	05/09/2014 6:00 PM	05/11/2014 1:00 PM	43 Hours, 0 Minutes	Vectren Energy Delivery of Indiana	RFC	Indiana	Severe Weather - Heavy Winds	Unknown	56000
2014	5	05/14/2014 3:34 PM	ongoing	ongoing	San Diego Gas & Electric Company	WECC	San Diego & Orange Counties, California	Public Appeal to Reduce Electricity Usage - Wild Fires	N/A	N/A
2014	5	05/15/2014 10:43 AM	ongoing	ongoing	San Diego Gas & Electric Co	WECC	San Diego & Orange Counties, California	Public Appeal to Reduce Electricity Usage - Wild Fires	3300	1400000
2014	5	05/16/2014 10:43 AM	05/16/2014 9:00 PM	10 Hours, 17 Minutes	San Diego Gas & Electric Co	WECC	San Diego & Orange Counties, California	Public Appeal to Reduce Electricity Usage - Wild Fires	3900	1400000
2014	5	05/26/2014 12:31 PM	05/26/2014 1:18 PM	0 Hours, 47 Minutes	Peak Reliability	WECC	British Columbia & Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2014	6	06/03/2014 3:32 PM	06/03/2014 3:59 PM	0 Hours, 27 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Islanding	338	N/A
2014	6	06/05/2014 3:00 AM	06/07/2014 11:45 PM	68 Hours, 45 Minutes	Memphis Light Gas and Water Division	SERC	Shelby County, Tennessee	Severe Weather - Thunderstorms	494	38500
2014	6	06/05/2014 1:06 PM	06/05/2014 1:07 PM	0 Hours, 1 Minutes	Tennessee Valley Authority	SERC	West Tennessee	Severe Weather - Thunderstorms	Unknown	56475
2014	6	06/06/2014 1:00 PM	ongoing	ongoing	Luminant Energy Company, LLC	ERCOT	Texas	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	6	06/07/2014 11:00 PM	06/08/2014 5:30 AM	6 Hours, 30 Minutes	Southern Company	SERC	North and Central , Alabama	Severe Weather - Thunderstorms	217	65000
2014	6	06/09/2014 11:07 AM	06/09/2014 11:30 AM	0 Hours, 23 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Islanding	Unknown	Unknown
2014	6	06/10/2014 9:50 PM	06/11/2014 2:30 PM	16 Hours, 40 Minutes	American Electric Power	RFC	West Virginia	Severe Weather - Thunderstorms	Unknown	66383
2014	6	06/15/2014 12:00 AM	06/15/2014 1:00 AM	1 Hours, 0 Minutes	Xcel Energy	MRO	Central Minnesota	Severe Weather - Thunderstorms	Unknown	55951
2014	6	06/18/2014 5:00 PM	06/20/2014 3:00 PM	46 Hours, 0 Minutes	Detroit Edison Co	RFC	Southeast Michigan	Severe Weather - Thunderstorms	Unknown	138802
2014	6	06/27/2014 1:21 PM	ongoing	ongoing	We Energies	MRO	Wisconsin	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	6	06/30/2014 5:55 PM	07/01/2014 2:53 AM	8 Hours, 58 Minutes	We Energies	MRO	Southeast Wisconsin	Severe Weather - Thunderstorms	424	120000
2014	6	06/30/2014 8:00 PM	07/02/2014 6:30 PM	46 Hours, 30 Minutes	Exelon Corporation/ComEd	RFC	Illinois	Severe Weather - Thunderstorms	Unknown	420000
2014	6	06/30/2014 11:20 PM	07/01/2014 5:00 PM	17 Hours, 40 Minutes	Northern Indiana Public Service Company	RFC	North Central Indiana	Severe Weather - Thunderstorms	Unknown	127000
2014	7	07/01/2014 3:30 AM	ongoing	ongoing	Consumers Energy Co	RFC	Southwest Michigan	Severe Weather - Thunderstorms	Unknown	51000
2014	7	07/01/2014 4:00 AM	07/03/2014 11:30 PM	67 Hours, 30 Minutes	Detroit Edison Co	RFC	Southeast Michigan	Severe Weather - Thunderstorms	Unknown	140000
2014	7	07/01/2014 5:00 AM	07/02/2014 2:00 AM	21 Hours, 0 Minutes	American Electric Power	RFC	Indiana, Michigan	Severe Weather - Thunderstorms	Unknown	57237
2014	7	07/02/2014 8:39 AM	07/28/2014 3:13 PM	630 Hours, 34 Minutes	We Energies	MRO	Wisconsin	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	7	07/03/2014 6:00 PM	07/06/2014 12:00 PM	66 Hours, 0 Minutes	Exelon Corporation/PECO	RFC	Pennsylvania	Severe Weather - Thunderstorms	Unknown	298165
2014	7	07/03/2014 10:55 PM	07/04/2014 1:50 AM	2 Hours, 55 Minutes	ISO New England	NPCC	Vermont, New Hampshire, Maine, Rhode Island, Massachusetts, Connecticut	Severe Weather - Thunderstorms	Unknown	64000
2014	7	07/08/2014 5:30 PM	07/10/2014 3:00 PM	45 Hours, 30 Minutes	PPL Electric Utilities Corp	RFC	Central and Northeastern Pennsylvania	Severe Weather - Thunderstorms	Unknown	66000
2014	7	07/08/2014 5:30 PM	07/12/2014 11:20 PM	101 Hours, 50 Minutes	FirstEnergy Corp: Potomac Edison	RFC	Maryland, West Virginia	Severe Weather - Thunderstorms	Unknown	96000
2014	7	07/08/2014 5:30 PM	07/12/2014 11:30 PM	102 Hours, 0 Minutes	FirstEnergy Corp: Mon Power	RFC	West Virginia	Severe Weather - Thunderstorms	Unknown	71000
2014	7	07/08/2014 6:00 PM	07/11/2014 5:53 PM	71 Hours, 53 Minutes	FirstEnergy Corp: Met-Ed	RFC	Eastern Pennsylvania	Severe Weather - Thunderstorms	Unknown	69000
2014	7	07/08/2014 7:21 PM	07/11/2014 7:00 AM	59 Hours, 39 Minutes	Niagara Mohawk Power Corporation (dba National Grid)	NPCC	Upstate New York	Severe Weather - Thunderstorms	Unknown	65000
2014	7	07/08/2014 8:30 PM	07/11/2014 11:00 PM	74 Hours, 30 Minutes	Exelon Corporation/PECO	RFC	Pennsylvania	Severe Weather - Thunderstorms	Unknown	260000
2014	7	07/08/2014 9:31 PM	ongoing	ongoing	Baltimore Gas & Electric Company	RFC	Maryland	Severe Weather - Thunderstorms	Unknown	56600
2014	7	07/23/2014 7:14 PM	07/24/2014 12:23 AM	5 Hours, 9 Minutes	American Electric Power	SERC	Arkansas, Louisiana	Severe Weather - Thunderstorms	Unknown	57299
2014	7	07/24/2014 4:29 PM	07/24/2014 11:32 PM	7 Hours, 3 Minutes	Southern California Edison	WECC	California	Load shedding of 100 Megawatts	126	26856
2014	7	07/27/2014 5:00 PM	07/28/2014 11:00 PM	30 Hours, 0 Minutes	Detroit Edison Co	RFC	Southeast Michigan	Severe Weather - Thunderstorms	Unknown	156611
2014	7	07/27/2014 11:00 PM	07/28/2014 4:00 AM	5 Hours, 0 Minutes	California Department of Water Resources	WECC	Central California	Uncontrolled Loss of 300 Megawatts	480	1
2014	8	08/13/2014 6:08 AM	08/13/2014 6:34 AM	0 Hours, 26 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	370	Unknown
2014	8	08/20/2014 1:21 AM	08/20/2014 1:41 AM	0 Hours, 20 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2014	8	08/23/2014 4:39 PM	08/24/2014 1:46 AM	9 Hours, 7 Minutes	Illinois Municipal Electric Agency	RFC	City of Highland, Illinois	Operational Failure of Electrical System	31	6549
2014	8	08/24/2014 3:20 AM	08/25/2014 7:05 AM	27 Hours, 45 Minutes	PG&E	WECC	North of San Francisco, California	Earthquake	95	70000
2014	8	08/26/2014 3:30 PM	ongoing	ongoing	Detroit Edison Co	RFC	Southeast Michigan	Severe Weather - Thunderstorms	Unknown	Unknown
2014	9	09/05/2014 4:30 PM	09/06/2014 2:00 PM	21 Hours, 30 Minutes	Exelon Corporation / ComEd	RFC	Illinois	Severe Weather - Thunderstorms	Unknown	180400
2014	9	09/05/2014 7:14 PM	09/06/2014 1:00 PM	17 Hours, 46 Minutes	Consumers Energy	RFC	Lower Peninsula of Michigan	Severe Weather - Thunderstorms	50	60000
2014	9	09/05/2014 8:00 PM	ongoing	ongoing	Detroit Edison Co	RFC	Michigan	Severe Weather - Thunderstorms	Unknown	324000
2014	9	09/09/2014 8:18 AM	09/09/2014 11:59 PM	15 Hours, 41 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2014	9	09/11/2014 4:56 AM	09/11/2014 5:37 AM	0 Hours, 41 Minutes	Peak Reliability	WECC	Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2014	9	09/14/2014 9:50 PM	09/17/2014 3:08 PM	65 Hours, 18 Minutes	Portland General Electric	WECC	Oregon	Electrical System Separation (Islanding)	1	123
2014	9	09/19/2014 2:20 PM	09/23/2014 1:10 PM	94 Hours, 50 Minutes	Portland General Electric	WECC	Estacada, Oregon	Electrical System Separation (Islanding)	1	123
2014	9	09/22/2014 11:00 AM	09/22/2014 11:01 AM	0 Hours, 1 Minutes	Minnesota Power Inc	MRO	Northeast Minnesota	Fuel Supply Emergency - Coal	1000	140000
2014	10	10/02/2014 4:00 PM	10/07/2014 10:00 AM	114 Hours, 0 Minutes	Oncor Electric Delivery Company LLC	TRE	Texas	Severe Weather - Thunderstorms	Unknown	500000
2014	10	10/02/2014 10:15 PM	ongoing	ongoing	Entergy Services, Inc.	SERC	Arkansas	Severe Weather - Thunderstorms	Unknown	67300
2014	10	10/06/2014 10:52 AM	10/07/2014 12:52 AM	14 Hours, 0 Minutes	CenterPoint Energy	TRE	Houston, Texas	Severe Weather - Thunderstorms	292	129237
2014	10	10/08/2014 4:47 PM	10/08/2014 6:29 PM	1 Hours, 42 Minutes	ERCOT	TRE	Rio Grande Valley Texas	Public Appeal to Reduce Electricity Usage; Load Shed of 100 MW	Unknown	Unknown
2014	10	10/08/2014 4:49 PM	10/08/2014 6:23 PM	1 Hours, 34 Minutes	American Electric Power - Texas	TRE	Rio Grande Valley Texas	Public Appeal to Reduce Electricity Usage; Load Shed of 100 MW	585	120000
2014	10	10/09/2014 9:27 AM	ongoing	ongoing	American Electric Power	TRE	Rio Grande Valley Texas	Public Appeal to Reduce Electricity Usage	Unknown	2800
2014	10	10/13/2014 12:45 PM	10/13/2014 4:15 PM	3 Hours, 30 Minutes	Entergy Services, Inc.	SERC	Louisiana	Severe Weather - Thunderstorms	Unknown	68600
2014	10	10/14/2014 5:44 AM	10/14/2014 5:50 PM	12 Hours, 6 Minutes	Southern Company	SERC	Alabama, Florida, Georgia	Severe Weather - Thunderstorms	191	57475
2014	10	10/14/2014 6:20 PM	10/14/2014 6:28 PM	0 Hours, 8 Minutes	Puerto Rico Electric Power Authority	N/A	Puerto Rico	Voltage Reduction	Unknown	Unknown
2014	10	10/22/2014 10:46 PM	10/22/2014 10:47 PM	0 Hours, 1 Minutes	ISO New England	NPCC	New Hampshire, Maine, Massachusetts, Rhode Island, Connecticut, Vermont	Severe Weather	Unknown	66650
2014	10	10/25/2014 4:00 PM	10/25/2014 10:00 PM	6 Hours, 0 Minutes	Portland General Electric Co	WECC	Greater Portland and Salem, Oregon	Severe Weather - Wind	216	78000
2014	10	10/25/2014 6:00 PM	ongoing	ongoing	Puget Sound Energy	WECC	King County, Thurston County and Kitsap County, Washington	Severe Weather - Wind	154	96000

Table B.2 Major Disturbances and Unusual Occurrences, 2014

Year	Month	Event Date and Time	Restoration Date and Time	Duration	Utility/Power Pool	NERC Region	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected
2014	11	11/02/2014 1:46 PM	ongoing	ongoing	ISO New England	NPCC	Massachusetts, Maine, Vermont, New Hampshire, Rhode Island, Connecticut	Severe Weather - Winter Storm	Unknown	63719
2014	11	11/11/2014 6:00 PM	11/14/2014 3:00 PM	69 Hours, 0 Minutes	Puget Sound Energy	WECC	Washington	Severe Weather - Wind	132	68000
2014	11	11/14/2014 9:50 AM	11/14/2014 1:18 PM	3 Hours, 28 Minutes	Portland General Electric Co	WECC	Estacada, Oregon	Electrical System Islanding	1	123
2014	11	11/24/2014 12:00 AM	ongoing	ongoing	Southwestern Public Service Company	SPP	Nebraska, Kansas, Texas, Arkansas, Louisiana, New Mexico	Fuel Supply Emergency - Coal	Unknown	Unknown
2014	11	11/24/2014 12:00 PM	11/27/2014 1:00 PM	73 Hours, 0 Minutes	Detroit Edison Co	RFC	Michigan	Severe Weather - Wind	Unknown	186154
2014	11	11/26/2014 5:50 PM	11/28/2014 7:00 AM	37 Hours, 10 Minutes	ISO New England	NPCC	New Hampshire, Massachusetts, Maine, Rhode Island, Connecticut, Vermont	Severe Weather - Winter Storm	Unknown	79530
2014	12	12/11/2014 6:40 AM	ongoing	ongoing	Pacific Gas & Electric Co	WECC	Northern California	Severe Weather- High Winds	Unknown	Unknown
2014	12	12/11/2014 7:21 AM	12/11/2014 9:53 PM	14 Hours, 32 Minutes	Pacific Gas & Electric Co	WECC	San Francisco, California	Distribution Interruption - Unknown Cause	225	75000
2014	12	12/11/2014 4:05 PM	12/11/2014 9:00 PM	4 Hours, 55 Minutes	Portland General Electric Co	WECC	Portland, Oregon	Severe Weather- High Winds	250	85470
2014	12	12/11/2014 5:00 PM	12/12/2014 10:00 AM	17 Hours, 0 Minutes	Puget Sound Energy	WECC	Kitsap, Thurston, Whatcom counties Washington	Severe Weather- High Winds	116	264000
2014	12	12/11/2014 11:15 PM	ongoing	ongoing	Pacific Gas & Electric Co	WECC	Northern California	Severe Weather- High Winds	Unknown	Unknown
2014	12	12/30/2014 1:08 PM	01/01/2015 4:50 PM	51 Hours, 42 Minutes	Pacific Gas & Electric Co	WECC	Northern California	Severe Weather- High Winds	127	84500

Note: Customers affected are estimates and are preliminary.Source: Form OE-417, 'Electric Emergency Incident and Disturbance Report.'

Appendix C

Technical notes

This appendix describes how the U. S. Energy Information Administration (EIA) collects, estimates, and reports electric power data in the EPM.

Data quality

The EPM is prepared by the Office of Electricity, Renewables & Uranium Statistics (ERUS), Energy Information Administration (EIA), U. S. Department of Energy. Quality statistics begin with the collection of the correct data. To assure this, ERUS performs routine reviews of the data collected and the forms on which it is collected. Additionally, to assure that the data are collected from the correct parties, ERUS routinely reviews the frames for each data collection.

Automatic, computerized verification of keyed input, review by subject matter specialists, and follow-up with nonrespondents assure quality statistics. To ensure the quality standards established by the EIA, formulas that use the past history of data values in the database have been designed and implemented to check data input for errors automatically. Data values that fall outside the ranges prescribed in the formulas are verified by telephoning respondents to resolve any discrepancies. All survey nonrespondents are identified and contacted.

Reliability of data

There are two types of errors possible in an estimate based on a sample survey: sampling and non-sampling. Sampling errors occur because observations are made only on a sample, not on the entire population. Non-sampling errors can be attributed to many sources in the collection and processing of data. The accuracy of survey results is determined by the joint effects of sampling and non-sampling errors. Monthly sample survey data have both sampling and non-sampling error. Annual survey data are collected by a census and are not subject to sampling error.

Non-sampling errors can be attributed to many sources: (1) inability to obtain complete information about all cases in the sample (i.e., nonresponse); (2) response errors; (3) definitional difficulties; (4) differences in the interpretation of questions; (5) mistakes in recording or coding the data obtained; and (6) other errors of collection, response, coverage, and estimation for missing data. Note that for the cutoff sampling and model-based regression (ratio) estimation that we use, data 'missing' due to nonresponse, and data 'missing' due to being out-of-sample are treated in the same manner. Therefore missing data may be considered to result in sampling error, and variance estimates reflect all missing data.

Although no direct measurement of the biases due to non-sampling errors can be obtained, precautionary steps were taken in all phases of the frame development and data collection, processing, and tabulation processes, in an effort to minimize their influence. See the Data Processing and Data System Editing section for each EIA form for an in-depth discussion of how the sampling and non-sampling errors are handled in each case.

Relative Standard Error: The relative standard error (RSE) statistic, usually given as a percentage, describes the magnitude of sampling error that might reasonably be incurred. The RSE is the square root of the estimated variance, divided by the variable of interest. The variable of interest may be the ratio of two variables, or a single variable.

The sampling error may be less than the non-sampling error. In fact, large RSE estimates found in preliminary work with these data have often indicated non-sampling errors, which were then identified and corrected. Non-sampling 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 non-sampling errors also occur in complete censuses.

Using the Central Limit Theorem, which applies to sums and means such as are applicable here, there is approxi-mately a 68 percent chance that the true total or mean is within one RSE of the estimated total or mean. Note that reported RSEs are always estimates themselves, and are usually, as here, reported as percentages. As an example, suppose that a net generation from coal value is estimated to be 1,507 million kilowatthours with an estimated RSE of 4.9 percent. This means that, ignoring any non-sampling error, there is approximately a 68 percent chance that the true million kilowatthour value is within approximately 4.9 percent of 1,507 million kilowatthours (that is, between 1,433 and 1,581 million kilowatthours). Also under the Central Limit Theorem, there is approxi-mately a 95 percent chance that the true mean or total is within 2 RSEs of the estimated mean or total.

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 may represent 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. Experiments were done to see if nonresponse should be treated differently, but it was decided to treat those cases the same as out-of-sample cases.

Relative Standard Error With Respect to a Superpopulation: The RSESP statistic is similar to the RSE (described above). Like the RSE, it is a statistic designed to estimate the variability of data and is usually given as a percentage. However, where the RSE is only designed to estimate the magnitude of sampling error, the RSESP more fully reflects the impact of variability from sampling and non-sampling errors. This is a more complete measure than RSE in that it can measure statistical variability in a complete census in addition to a sample21,24. In addition to being a measure of data variability, the RSESP can also be useful in comparing different models that are applied to the same set of data22. This capability is used to test different regression models for imputation and prediction. This testing may include considerations such as comparing different regressors, the comparative reliability of different monthly samples, or the use of different geographical strata or groupings for a given model. For testing purposes, ERUS typically uses recent historical data that have been finalized. Typically, time-series graphics showing two or more models or samples are generated showing the RSESP values over time. In selecting models, consideration is given to total survey error as well as any apparent differences in robustness.

Imputation: For monthly data, if the reported values appeared to be in error and the data issue could not be resolved with the respondent, or if the facility was a nonrespondent, a regression methodology is used to impute for the facility. The same procedure is used to estimate ("predict") data for facilities not in the monthly sample. The regression methodology relies on other data to make estimates for erroneous or missing responses.

Estimation for missing monthly data is accomplished by relating the observed data each month to one or more other data elements (regressors) for which we generally have an annual census. Each year, when new annual regressor data are available, recent monthly relationships are updated, causing slight revisions to estimated monthly results. These revisions are made as soon as the annual data are released.

The basic technique employed is described in the paper "Model-Based Sampling and Inference16," on the EIA website. Additional references can be found on the InterStat website (http://interstat.statjournals.net/). The basis for the current methodology involves a 'borrowing of strength' technique for small domains.

Data revision procedure

ERUS has adopted the following policy with respect to the revision and correction of recurrent data in energy publications:

- Annual survey data are disseminated either as preliminary or final when first appearing in a data product. Data initially released as preliminary will be so noted in the data product. These data are typically released as final by the next dissemination of the same product; however, if final data are available at an earlier interval they may be released in another product.
- All monthly survey data are first disseminated as preliminary. These data are revised after the prior year's data are finalized and are disseminated as revised preliminary. No revisions are made to the published data before this or subsequent to these data being finalized unless significant errors are discovered.
- After data are disseminated as final, further revisions will be considered if they make a difference of 1 percent or greater at the national level. Revisions for differences that do not meet the 1 percent or greater threshold will be determined by the Office Director. In either case, the proposed revision will be subject to the EIA revision policy concerning how it affects other EIA products.
- The magnitudes of changes due to revisions experienced in the past will be included periodically in the data products, so that the reader can assess the accuracy of the data.

Data sources for Electric Power Monthly

Data published in the EPM are compiled from the following sources:

- Form EIA-923, "Power Plant Operations Report,"
- Form EIA 826, "Monthly Electric Utility Sales and Revenues with State Distributions Report,"
- Form EIA 860, "Annual Electric Generator Report,"
- Form EIA-860M, "Monthly Update to the Annual Electric Generator Report," and

- Form EIA 861, "Annual Electric Power Industry Report."

For access to these forms and their instructions, please see:
http://www.eia.gov/cneaf/electricity/page/forms.html.

In addition to the above-named forms, the historical data published in the EPM for periods prior to 2008 are compiled from the following sources:

- FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants,"
- Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report,"
- Form EIA-759, "Monthly Power Plant Report,"
- Form EIA-860A, "Annual Electric Generator Report–Utility,"
- Form EIA-860B, "Annual Electric Generator Report–Nonutility,"
- Form EIA-900, "Monthly Nonutility Power Report,"
- Form EIA-906, "Power Plant Report," and
- Form EIA-920, "Combined Heat and Power Plant Report."

See Appendix A of the historical Electric Power Annual reports to find descriptions of forms that are no longer in use. The publications can be found from the top of the current EPA under previous issues: http://www.eia.gov/electricity/annual.

Rounding rules for data: To round a number to n digits (decimal places), add one unit to the nth digit if the (n+1) digit is 5 or larger and keep the nth digit unchanged if the (n+1) digit is less than 5. The symbol for a number rounded to zero is (*).

Percent difference: The following formula is used to calculate percent differences:

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

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

Meanings of symbols appearing in tables: The following symbols have the meaning described below:

*	The value reported is less than half of the smallest unit of measure, but is greater than zero.
P	Indicates a preliminary value.
NM	Data value is not meaningful, either (1) when compared to the same value for the previous time period, or (2) when a data value is not meaningful due to having a high Relative Standard Error (RSE).
(*)	Usage of this symbol indicates a number rounded to zero.

Form EIA-826

The Form EIA 826, "Monthly Electric Utility Sales and Revenues with State Distributions Report," is a monthly collection of data from a sample of approximately 500 of the largest electric utilities (primarily investor owned and publicly owned) as well as a census of energy service providers with retail sales in deregulated States. Form EIA-861, with approximately 3,300 respondents, serves as a frame from which the Form 826 sample is drawn. Based on this sample, a model is used to estimate for the entire universe of U.S. electric utilities.

Instrument and design history: The collection of elec-tric power sales data and related information began in the early 1940's and was established as FPC Form 5 by FPC Order 141 in 1947. In 1980, the report was revised with only selected income items remaining and became the FERC Form 5. The Form EIA 826, "Electric Utility Company Monthly Statement," replaced the FERC Form 5 in January 1983. In January 1987, the "Electric Utility Company Monthly Statement" was changed to the "Monthly Electric Utility Sales and Revenue Report with State Distributions." The title was changed again in January 2002 to "Monthly Electric Utility Sales and Revenues with State Distributions Report" to become consistent with other EIA report titles. The Form EIA 826 was revised in January 1990, and some data elements were eliminated.

In 1993, EIA for the first time used a model sample for the Form EIA 826. A stratified random sample, employing auxiliary data, was used for each of the four previous years. The sample for the Form EIA 826 was designed to obtain estimates of electricity sales and average retail price of electricity at the State level by end use sector.

Starting with data for January 2001, the restructuring of the electric power industry was taken into account by forming three schedules on the Form EIA-826. Schedule 1, Part A is for full service utilities that operate as in the past. Schedule 1, Part B is for electric service providers only, and Schedule 1, Part C is for those utilities providing distribution service for those on Schedule 1, Part B. In addition, Schedule 1 Part D is for those retail energy providers or power marketers that provide bundled service. Also, the Form EIA-826 frame was modified to include all investor-owned electric utilities and a sample of companies from other ownership classes. A new method of estimation was implemented at this same time. (See EPM April 2001, p.1.)

With the October 2004 issue of the EPM, EIA published for the first time preliminary electricity sales data for the Transportation Sector. These data are for electricity delivered to and consumed by local, regional, and metropolitan transportation systems. The data being published for the first time in the October EPM included July 2004 data as well as year-to-date. EIA's efforts to develop these new data have identified anomalies in several States and the District of Columbia. Some of these anomalies are caused by issues such as: 1) Some respondents have classified themselves as outside the realm of the survey. The Form EIA-826 collects retail data from those respondents providing electricity and other services to the ultimate end users. EIA has experienced specific situations where, although the respondents' customers are the ultimate end users, particular end users qualify under wholesale rate schedules. 2) The Form EIA-826 is a cutoff sample and not intended to be a census.

Beginning with 2008 data and some annual 2007 data, the Form EIA-923 replaced Forms EIA-906, EIA-920, EIA-423, and FERC 423. In addition, several sections of the discontinued Form EIA-767 have been included in either the Form EIA-860 or Form EIA-923. See the following link for a detailed explanation. http://www.eia.gov/cneaf/electricity/2008forms/consolidate.html

The legislative authority to collect these data is defined in the Federal Energy Administration Act of 1974 (Public Law 93-275, Sec. 13(b), 5(a), 5(b), 52).

Data processing and data system editing: Monthly Form EIA-826 submission is available via an Internet Data Collection (IDC) system. The completed data are due to EIA by the last calendar day of the month following the reporting month. Nonrespondents are contacted to obtain the data. The data are edited and additional checks are completed. Following verification, imputation is run, and tables and text of the aggregated data are produced for inclusion in the EPM.

Imputation: Regression prediction, or imputation, is done for entities not in the monthly sample and for any nonrespondents. Regressor data for Schedule 1, Part A is the average monthly sales or revenue from the most recent finalized data from survey Form EIA-861. Beginning with January 2008 data and the finalized 2007 data, the regressor data for Schedule 1 Parts B and C is the prior month's data.

Formulas and methodologies: The Form EIA 826 data are collected by end-use sector (residential, commercial, industrial, and transportation) and State. Form EIA 861 data are used as the frame from which the sample is selected and in some instances also as regressor data. Updates are made to the frame to reflect mergers that affect data processing.

With the revised definitions for the commercial and industrial sectors to include all data previously reported as 'other' data except transportation, and a separate transportation sector, all responses that would formerly have been reported under the "other" sector are now to be reported under one of the sectors that currently exist. This means there is probably a lower correlation, in general, between, say, commercial Form EIA-826 data for 2004 and commercial Form EIA-861 data for 2003 than there was between commercial Form EIA-826 data for 2003 and commercial Form EIA-861 data for 2002 or earlier years, although commercial and industrial definitions have always been somewhat nebulous due to power companies not having complete information on all customers.

Data submitted for January 2004 represent the first time respondents were to provide data specifically for the transportation end-use sector.

During 2003 transportation data were collected annually through Form EIA-861. Beginning in 2004 the transportation data were collected on a monthly basis via Form EIA-826. In order to develop an estimate of the monthly transportation data for 2003, values for both retail sales of electricity to ultimate customers and revenue from retail sales of electricity to ultimate customers were estimated using the 2004 monthly profile for the sales and revenues from the data collected via Form EIA-826. All monthly non-transportation data for 2003 (i.e. street lighting, etc.), which were previously reported in the "other" end-use sector on the Form EIA-826 have been prorated into the Commercial and Industrial end-use sectors based on the 2003 Form EIA-861 profile.

A monthly distribution factor was developed for the monthly data collected in 2004 (for the months of January through November). The transportation sales and revenues for December 2004 were assumed to be equivalent to the transportation sales and revenues for November 2004. The monthly distribution factors for January through November were applied to the annual values for transportation sales and revenues collected via Form EIA-861 to develop corresponding 2003 monthly values. The eleven month estimated totals from January through November 2003 were subtracted from the annual values obtained from Form EIA-861 in order to obtain the December 2003 values.

Data from the Form EIA-826 are used to determine estimates by sector at the State, Census division, and national level. State level sales and revenues estimates are first calculated. Then the ratio of revenue divided by sales is calculated to estimate retail price of electricity at the State level. The estimates are accumulated separately to produce the Census division and U.S. level estimates[1].

Some electric utilities provide service in more than one State. To facilitate the estimation, the State service area is actually used as the sampling unit. For each State served by each utility, there is a utility State part, or "State service area." This approach allows for an explicit calculation of estimates for sales, revenue, and average retail price of electricity by end use sector at State, Census division, and national level. Estimation procedures include imputation to account for nonresponse. Non-sampling error must also be considered. The non-sampling error is not estimated directly, although attempts are made to minimize the non-sampling error.

Average retail price of electricity represents the cost per unit of electricity sold and is calculated by dividing retail electric revenue by the corresponding sales of electricity. The average retail price of electricity is calculated for all consumers and for each end-use sector.

The electric revenue used to calculate the average retail price of electricity is the operating revenue reported by the electric utility. Operating revenue includes energy charges, demand charges, consumer service charges, environmental surcharges, fuel adjustments, and other miscellaneous charges. Electric utility operating revenues also include State and Federal income taxes and taxes other than income taxes paid by the utility.

The average retail price of electricity reported in this publication by sector represents a weighted average of consumer revenue and sales within sectors and across sectors for all consumers, and does not reflect the per kWh rate charged by the electric utility to the individual consumers. Electric utilities typically employ a number of rate schedules within a single sector. These alternative rate schedules reflect the varying consumption levels and patterns of consumers and their associated impact on the costs to the electric utility for providing electrical service.

Adjusting monthly data to annual data: As a final adjustment based on our most complete data, use is made of final Form EIA-861 data, when available. The annual totals for Form EIA-826 data by State and end-use sector are compared to the corresponding Form EIA-861 values for sales and revenue. The ratio of these two values in each case is then used to adjust each corresponding monthly value.

Sensitive data: Most of the data collected on the Form EIA-826 are not considered business sensitive. However, revenue, sales, and customer data collected from energy service providers (Schedule 1, Part B), which do not also provide energy delivery, are considered business sensitive and must adhere to EIA's "Policy on the Disclosure of Individually Identifiable Energy Information in the Possession of the EIA" (45Federal Register 59812 (1980)).

Form EIA-860

The Form EIA 860, "Annual Electric Generator Report," is a mandatory annual census of all existing and planned electric generating facilities in the United States with a total generator nameplate capacity of 1 or more megawatts. The survey is used to collect data on existing power plants and 10 year plans for constructing new plants, as well as generating unit additions, modifications, and retirements in existing plants. Data on the survey are collected at the generator level. Certain power plant environmental-related data are collected at the boiler level. These data include environmental equipment design parameters, boiler air emission standards, and boiler emission controls The Form EIA-860 is made available in January to collect data related to the previous year.

Instrument and design history: The Form EIA-860 was originally implemented in January 1985 to collect data as of year-end 1984. It was preceded by several Federal Power Commission (FPC) forms including the FPC Form 4, Form 12 and 12E, Form 67, and Form EIA-411. In January 1999, the Form EIA-860 was renamed the Form EIA-860A, "Annual Electric Generator Report – Utility" and was implemented to collect data from electric utilities as of January 1, 1999.

In 1989, the Form EIA-867, "Annual Nonutility Power Producer Report," was initiated to collect plant data on unregulated entities with a total generator nameplate capacity of 5 or more megawatts. In 1992, the reporting threshold of the Form EIA-867 was lowered to include all facilities with a combined nameplate capacity of 1 or more megawatts. Previously, data were collected every 3 years from facilities with a nameplate capacity between 1 and 5 megawatts. In 1998, the Form EIA-867, was renamed Form EIA-860B, "Annual Electric Generator Report – Nonutility." The Form EIA-860B was a mandatory survey of all existing and planned nonutility electric generating facilities in the United States with a total generator nameplate capacity of 1 or more megawatts.

Beginning with data collected for the year 2001, the infrastructure data collected on the Form EIA-860A and the Form EIA-860B were combined into the new Form EIA-860 and the monthly and annual versions of the Form EIA-906.

Starting with 2007, design parameters data formerly collected on Form EIA-767 were collected on Form EIA-860. These include design parameters associated with certain steam-electric plants' boilers, cooling systems, flue gas particulate collectors, flue gas desulfurization units, and stacks and flues.

The Federal Energy Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

Estimation of form eia-860 data: EIA received forms from all 18,151 existing generators in the 2010 Form EIA-860 frame, so no imputation was required.

Prime Movers: The Form EIA-860 sometimes represents a generator's prime mover by using the abbrebiations in the table below.

Prime Mover Code	Prime Mover Description
BA	Energy Storage, Battery
CE	Energy Storage, Compressed Air
CP	Energy Storage, Concentrated Solar Power
FW	Energy Storage, Flywheel
PS	Energy Storage, Reversible Hydraulic Turbine (Pumped Storage)
ES	Energy Storage, Other
ST	Steam Turbine, including nuclear, geothermal and solar steam (does not include combined cycle)
GT	Combustion (Gas) Turbine (including jet engine design)
IC	Internal Combustion Engine (diesel, piston, reciprocating)
CA	Combined Cycle Steam Part
CT	Combined Cycle Combustion Turbine Part
CS	Combined Cycle Single Shaft
CC	Combined Cycle Total Unit
HA	Hydrokinetic, Axial Flow Turbine
HB	Hydrokinetic, Wave Buoy
HK	Hydrokinetic, Other
HY	Hydroelectric Turbine (including turbines associated with delivery of water by pipeline)
BT	Turbines Used in a Binary Cycle (including those used for geothermal applications)
PV	Photovoltaic
WT	Wind Turbine, Onshore
WS	Wind Turbine, Offshore
FC	Fuel Cell
OT	Other

Energy Sources: The Form EIA-860 sometimes represents the energy sources associated with generators by using the abbreviations and/or groupings in the table below.

Energy Source Grouping	Energy Source Code	Energy Source Description
Coal	ANT	Anthracite Coal
	BIT	Bituminous Coal
	LIG	Lignite Coal
	SUB	Subbituminous Coal
	SGC	Coal-Derived Synthesis Gas
	WC	Waste/Other Coal (including anthracite culm, bituminous gob, fine coal, lignite waste, waste coal)
Petroleum Products	DFO	Distillate Fuel Oil (including diesel, No. 1, No. 2, and No. 4 fuel oils)
	JF	Jet Fuel
	KER	Kerosene
	PC	Petroleum Coke
	PG	Gaseous Propane
	RFO	Residual Fuel Oil (including No. 5, and No. 6 fuel oils, and bunker C fuel oil)
	SG	Synthesis Gas from Petroleum Coke
	WO	Waste/Other Oil (including crude oil, liquid butane, liquid propane, naphtha, oil waste, re-refined motor oil, sludge oil, tar oil, or other petroleum-based liquid wastes)
Natural Gas and Other Gases	BFG	Blast Furnace Gas
	NG	Natural Gas
	OG	Other Gas
Nuclear	NUC	Nuclear (including Uranium, Plutonium, and Thorium)
Hydroelectric Conventional	WAT (Prime Mover = HY)	Water at a Conventional Hydroelectric Turbine, and water used in Wave Buoy Hydrokinetic Technology, Current Hydrokinetic Technology, and Tidal Hydrokinetic Technology
Hydroelectric Pumped Storage	WAT (Prime Mover = PS)	Pumping Energy for Reversible (Pumped Storage) Hydroelectric Turbine
Wood and Wood-Derived Fuels	WDS	Wood/Wood Waste Solids (including paper pellets, railroad ties, utility poles, wood chips, bark, and wood waste solids)
	WDL	Wood Waste Liquids (excluding Black Liquor but including red liquor, sludge wood, spent sulfite liquor, and other wood-based liquids)
	BLQ	Black Liquor
Other Biomass	AB	Agricultural By-Products
	MSW	Municipal Solid Waste
	OBG	Other Biomass Gas (including digester gas, methane, and other biomass gases)
	OBL	Other Biomass Liquids
	OBS	Other Biomass Solids
	LFG	Landfill Gas
	SLW	Sludge Waste
Other Renewable Energy Sources	SUN	Solar (including solar thermal)
	WND	Wind
	GEO	Geothermal
Other Energy Sources	PUR	Purchased Steam
	WH	Waste heat not directly attributed to a fuel source
	TDF	Tire-Derived Fuels
	MWH	Electricity used for energy storage
	OTH	Other

Sensitive data: The tested heat rate data collected on the Form EIA-860 are considered business sensitive.

Form EIA-860M

The Form EIA 860M, "Monthly Update to the Annual Electric Generator Report," is a mandatory monthly survey that collects data on the status of proposed new generators or changes to existing generators for plants that report on Form EIA-860.

The Form EIA-860M has a rolling frame based upon planned changes to capacity as reported on the previous Form EIA-860. Respondents are added to the frame 12 months prior to the expected effective date for all new units or expected retirement date for existing units. For all other types of capacity changes (including retirements, uprates, derates, repowering, or other modifications), respondents are added 1 month prior to the anticipated modification change date. Respondents are removed from the frame at the completion of the changes or if the change date is moved back so that the plant no longer qualifies to be in the frame. Typically, 150 to 200 utilities per month are required to report for 175 to 250 plants (including 250 to 400 generating units) on this form. The unit characteristics of interest are changes to the previously reported planned operating month and year, prime mover type, capacity, and energy sources.

Instrument and design history: The data collected on Form EIA-860M was originally collected via phone calls at the end of each month. During 2005, the Form EIA-860M was introduced as a mandatory form using the Internet Data Collection (IDC) system.

The legislative authority to collect these data is defined in the Federal Energy Administration Act of 1974 (Public Law 93-275, Sec. 13(b), 5(a), 5(b), 52).

Data processing and data system editing: Approximately 150 to 200 utilities are requested to provide data each month on the Form EIA 860M. These data are collected via the IDC system and automatically checked for certain errors. Most of the quality assurance issues are addressed by the respondents as part of the automatic edit check process. In some cases, respondents are subsequently contacted about their explanatory overrides to the edit checks.

Sensitive data: Data collected on the Form EIA-860M are not considered to be sensitive.

Form EIA-861

The Form EIA 861, "Annual Electric Power Industry Report," is a mandatory census of electric power industry participants in the United States. The survey is used to collect information on power sales and revenue data from approximately 3,300 respondents. About 3,200 are electric utilities and the remainder are nontraditional utilities such as energy service providers or the unregulated subsidiaries of electric utilities and power marketers.

Instrument and design history: The Form EIA 861 was implemented in January 1985 for collection of data as of year end 1984. The Federal Energy Administration Act of 1974 (Public Law 93 275) defines the legislative authority to collect these data.

Data processing and data system editing: The Form EIA 861 is made available to the respondents in January of each year to collect data as of the end of the preceding calendar year. The data are edited when entered into the interactive on line system. Internal edit checks are per-formed 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 Form EIA 826. Respondents are telephoned to obtain clarification of reported data and to obtain missing data.

Data for the Form EIA 861 are collected at the owner level from all electric utilities including energy service providers in the United States, its territories, and Puerto Rico. Form EIA 861 data in this report are for the United States only.

Average retail price of electricity represents the cost per unit of electricity sold and is calculated by dividing retail electric revenue by the corresponding sales of electricity. The average retail price of electricity is calculated for all consumers and for each end-use sector.

The electric revenue used to calculate the average retail price of electricity is the operating revenue reported by the electric power industry participant. Operating revenue includes energy charges, demand charges, consumer service charges, environmental surcharges, fuel adjustments, and other miscellaneous charges. Electric power industry participant operating revenues also include State and Federal income taxes and other taxes paid by the utility.

The average retail price of electricity reported in this publication by sector represents a weighted average of consumer revenue and sales, and does not equal the per kWh rate charged by the electric power industry participant to the individual consumers. Electric utilities typically employ a number of rate schedules within a single sector. These alternative rate schedules reflect the varying consumption levels and patterns of consumers and their associated impact on the costs to the electric power industry participant for providing electrical service.

Sensitive data: Data collected on the Form EIA-861 are not considered to be sensitive.

Form EIA-923

Form EIA-923, “Power Plant Operations Report,” is a monthly collection of data on receipts and cost of fossil fuels, fuel stocks, generation, consumption of fuel for generation, and environmental data (e.g. emission controls and cooling systems). Data are collected from a monthly sample of approximately 1,900 plants, which includes a census of nuclear and pumped-storage hydroelectric plants. In addition approximately 4,050 plants, representing all other generators 1 MW or greater, are collected annually. In addition to electric power generating plants, respondents include fuel storage terminals without

generating capacity that receive shipments of fossil fuels for eventual use in electric power generation. The monthly data are due by the last day of the month following the reporting period.

Receipts of fossil fuels, fuel cost and quality information, and fuel stocks at the end of the reporting period are all reported at the plant level. Plants that burn organic fuels and have a steam turbine capacity of at least 10 megawatts report consumption at the boiler level and generation at the generator level. For all other plants, consumption is reported at the prime-mover level. For these plants, generation is reported either at the prime-mover level or, for noncombustible sources (e.g. wind, nuclear), at the prime-mover and energy source level. The source and disposition of electricity is reported annually for nonutilities at the plant level as is revenue from sales for resale. Environmental data are collected annually from facilities that have a steam turbine capacity of at least 10 megawatts.

Instrument and design history:

Receipts and cost and quality of fossil fuels
On July 7, 1972, the Federal Power Commission (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-turbine units. The FERC Form 423 replaced the FPC Form 423 in January 1983. The FERC Form 423 eliminated peaking units, for which data 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.

The Form EIA-423 was originally implemented in January 2002 to collect monthly cost and quality data for fossil fuel receipts from owners or operators of nonutility electricity generating plants. Due to the restructuring of the electric power industry, many plants which had historically submitted this information for utility plants on the FERC Form 423 (see above) were being transferred to the nonutility sector. As a result, a large percentage of fossil fuel receipts were no longer being reported. The Form EIA-423 was implemented to fill this void and to capture the data associated with existing non-regulated power producers. Its design closely followed that of the FERC Form 423.

Both the Form EIA-423 and FERC Form 423 were superseded by Schedule 2 of the Form EIA-923 in January of 2008. At the time, the Form EIA-923 maintained the 50-megawatt threshold for these data. In January 2013, the threshold was changed to 200 megawatts for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. The requirement to report self-produced and minor fuels, i.e., blast furnace gas, other manufactured gases, kerosene, jet fuel, propane, and waste oils was eliminated. The threshold for coal plants remained at 50 megawatts.

Not all data are collected monthly on the Form EIA-923. Beginning with 2008 data, a sample of the respondents report monthly, with the remainder reporting annually. Until January 2013, monthly fuel receipts values for the annual surveys were imputed via regression. Prior to 2008, Schedule 2 annual data were not collected or imputed.

Generation, consumption, and stocks

The Bureau of Census and the U.S. Geological Survey collected, compiled, and published data on the electric power industry prior to 1936. After 1936, the Federal Power Commission (FPC) assumed all data collection and publication responsibilities for the electric power industry and implemented the Form FPC-4. The Federal Power Act, Section 311 and 312, and FPC Order 141 defined the legislative authority to collect power production data. The Form EIA-759 replaced the Form FPC-4 in January 1982.

In 1996, the Form EIA-900 was initiated to collect sales for resale data from unregulated entities14. In 1998, the form was modified to collect sales for resale, gross generation, and sales to end user data. In 1999, the form was modified to collect net generation, consumption, and ending stock data15. In 2000, the form was modified to include the production of useful thermal output data.

In January 2001, Form EIA-906 superseded Forms EIA-759 and EIA-900. In January 2004, Form EIA-920 superseded Form EIA-906 for those plants defined as combined heat and power plants; all other plants that generate electricity continue to report on Form EIA-906. The Federal Energy Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

Forms EIA-906 and EIA-920 were superseded by survey Form EIA-923 beginning in January 2008 with the collection of annual 2007 data and monthly 2008 data.

Data processing and data system editing: Respondents are encouraged to enter data directly into a computerized database via the Internet Data Collection (IDC) system. A variety of automated quality control mechanisms are run during this process, such as range checks and comparisons with historical data. These edit checks are performed as the data are provided, and many problems that are encountered are resolved during the reporting process. Those plants that are unable to use the electronic reporting medium provide the data in hard copy, typically via fax. These data are manually entered into the computerized database. The data are subjected to the same edits as those that are electronically submitted.

If the reported data appear to be in error and the data issue cannot be resolved by follow up contact with the respondent, or if a facility is a nonrespondent, a regression methodology is used to impute for the facility. Beginning in January 2013, imputation is not performed for fuel receipts data reported on Schedule 2.

Imputation: For select survey data elements collected monthly, regression prediction, or imputation, is done for missing data, including non-sampled units and any non-respondents. For data collected annually, imputation is performed for non-respondents. For gross generation and total fuel

consumption, multiple regression is used for imputation (see discussion, above). Only approximately 0.02 percent of the national total generation for 2010 is imputed, although this will vary by State and energy source.

When gross generation is reported and net generation is not available, net generation is estimated by using a fixed ratio to gross generation by prime-mover type and installed environmental equipment. These ratios are:

Net Generation = (Factor) x Gross Generation
Prime Movers:
Combined Cycle Steam - 0.97
Combined Cycle Single Shaft - 0.97
Combined Cycle Combustion Turbine - 0.97
Compressed Air - 0.97
Fuel Cell - 0.99
Gas Turbine - 0.98
Hydroelectric Turbine - 0.99
Hydroelectric Pumped Storage - 0.99
Internal Combustion Engine - 0.98
Other - 0.97
Photovoltaic - 0.99
Steam Turbine - 0.97
Wind Turbine - 0.99
Environmental Equipment:
Flue Gas Desulfurization - 0.97
Flue Gas Particulate 0.99
All Others - 0.97

For stocks, a linear combination of the prior month's ending stocks value and the current month's consumption and receipts values are used.

Receipts of fossil fuels: Receipts data, including cost and quality of fuels, are collected at the plant level from selected electric generating plants and fossil-fuel storage terminals in the United States. These plants include independent power producers, electric utilities, and commercial and industrial combined heat and power producers. All plants with a total fossil-fueled nameplate capacity of 50 megawatts or more (excluding storage terminals, which do not produce electricity) were required to report receipts of fossil fuels. In January 2013, the threshold was changed to 200 megawatts for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. The requirement to report self-produced and minor fuels, i.e., blast furnace gas, other manufactured gases, kerosene, jet fuel, propane, and waste oils was eliminated. The threshold for coal plants remained at 50 megawatts. The data on cost and quality of fuel shipments are used to produce aggregates and weighted averages for each fuel type at the state, Census division, and U.S. levels.

For coal, units for receipts are in tons and units for average heat contents (A) are in million Btu per ton. For petroleum, units for receipts are in barrels and units for average heat contents (A) are in million Btu per barrel.

For gas, units for receipts are in thousand cubic feet (Mcf) and units for average heat contents (A) are in million Btu per thousand cubic foot.

Power production, fuel stocks, and fuel consumption data: The Bureau of Census and the U.S. Geological Survey collected, compiled, and published data on the electric power industry prior to 1936. After 1936, the Federal Power Commission (FPC) assumed all data collection and publication responsibilities for the electric power industry and implemented the Form FPC-4. The Federal Power Act, Section 311 and 312, and FPC Order 141 defined the legislative authority to collect power production data. The Form EIA-759 replaced the Form FPC-4 in January 1982.

In 1996, the Form EIA-900 was initiated to collect sales for resale data from unregulated entities. In 1998, the form was modified to collect sales for resale, gross generation, and sales to end user data. In 1999, the form was modified to collect net generation, consumption, and ending stock data. In 2000, the form was modified to include the production of useful thermal output data.

In January 2001, Form EIA-906 superseded Forms EIA-759 and EIA-900. In January 2004, Form EIA-920 superseded Form EIA-906 for those plants defined as combined heat and power plants; all other plants that generate electricity continue to report on Form EIA-906. The Federal Energy Administration Act of 1974 (Public Law 93 275) defines the legislative authority to collect these data.

In January 2004, Form EIA-920 superseded Form EIA-906 for those plants defined as combined heat and power plants; all other plants that generate electricity continue to report on Form EIA-906.

In January 2008, Form EIA-923 superseded both the Forms EIA-906 and EIA-920 for the collection of these data.

Methodology to estimate biogenic and non-biogenic municipal solid waste[2]: Municipal solid waste (MSW) consumption for generation of electric power is split into its biogenic and non-biogenic components beginning with 2001 data by the following methodology:

The tonnage of MSW consumed is reported on the Form EIA-923. The composition of MSW and categorization of the components were obtained from the Environmental Protection Agency publication, *Municipal Solid Waste in the United States: 2005 Facts and Figures*. The Btu contents of the components of MSW were obtained from various sources.

The potential quantities of combustible MSW discards (which include all MSW material available for combustion with energy recovery, discards to landfill, and other disposal) were multiplied by their respective Btu contents. The EPA-based categories of MSW were then classified into renewable and non-renewable groupings. From this, EIA calculated how much of the energy potentially consumed from MSW was attributed to biogenic components and how much to non-biogenic components (see Tables 1 and 2, below). [3]

These values are used to allocate net generation published in the Electric Power Monthly generation tables. The tons of biogenic and non-biogenic components were estimated with the assumption that glass and metals were removed prior to combustion. The average Btu/ton for the biogenic and non-

biogenic components is estimated by dividing the total Btu consumption by the total tons. Published net generation attributed to biogenic MSW and non-biogenic MSW is classified under Other Renewables and Other, respectively.

Table 1. Btu consumption for biogenic and non-biogenic municipal solid waste (percent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Biogenic	57	56	55	55	56	57	55	54	51	50
Non-biogenic	43	44	45	45	44	43	46	46	49	50

Table 2. Tonnage consumption for biogenic and non-biogenic municipal solid waste (percent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Biogenic	77	77	76	76	75	67	65	65	64	64
Non-biogenic	23	23	24	24	25	34	35	35	36	36

Useful thermal output: With the implementation of the Form EIA-923, "Power Plant Operations Report," in 2008, combined heat and power (CHP) plants are required to report total fuel consumed and electric power generation. Beginning with the January 2008 data, EIA will estimate the allocation of the total fuel consumed at CHP plants between electric power generation and useful thermal output.

First, an efficiency factor is determined for each plant and prime mover type. Based on data for electric power generation and useful thermal output collected in 2003 (on Form EIA-906, "Power Plant Report") efficiency was calculated for each prime mover type at a plant. The efficiency factor is the total output in Btu, including electric power and useful thermal output (UTO), divided by the total input in Btu. Electric power is converted to Btu at 3,412 Btu per kilowatthour.

Second, to calculate the amount of fuel for electric power, the gross generation in Btu is multiplied by the efficiency factor. The fuel for UTO is the difference between the total fuel reported and the fuel for electric power generation. UTO is calculated by multiplying the fuel for UTO by the efficiency factor.

In addition, if the total fuel reported is less than the estimated fuel for electric power generation, then the fuel for electric power generation is equal to the total fuel consumed, and the UTO will be zero.

Conversion of petroleum coke to liquid petroleum: The quantity conversion is 5 barrels (of 42 U.S. gallons each) per short ton (2,000 pounds).

Conversion of propane gas to liquid petroleum: The quantity conversion is 1.53 Mcf (thousand cubic feet) per barrel (or 42 U.S. gallons each).

Conversion of synthesis gas from coal to coal: The quantity conversion is 98 Mcf (thousand cubic feet) per short ton (2,000 pounds).

Conversion of synthesis gas from petroleum coke to petroleum coke: The quantity conversion is 107.42 Mcf (thousand cubic feet) per short ton (2,000 pounds).

Issues within historical data series:

Receipts and cost and quality of fossil fuels
Values for receipts of natural gas for 2001 forward do not include blast furnace gas or other gas.

Historical data collected on FERC Form 423 and published by EIA have been reviewed for consistency between volumes and prices and for their consistency over time. However, these data were collected by FERC for regulatory rather than statistical and publication purposes. EIA did not attempt to resolve any late filing issues in the FERC Form 423 data. In 2003, EIA introduced a procedure to estimate for late or non-responding entities due to report on the FERC Form 423. Due to the introduction of this procedure, 2003 and later data cannot be directly compared to previous years' data. In January 2013, this estimation procedure was dropped.

Prior to 2008, regulated plants reported receipts data on the FERC Form 423. These plants, along with unregulated plants, now report receipts data on Schedule 2 of Form EIA-923. Because FERC issued waivers to the FERC Form 423 filing requirements to some plants who met certain criteria, and because not all types of generators were required to report (only steam turbines and combined-cycle units reported), a significant number of plants either did not submit fossil fuel receipts data or submitted only a portion of their fossil fuel receipts. Since Form EIA-923 does not have exemptions based on generator type or reporting waivers, receipts data from 2008 and later cannot be directly compared to previous years' data for the regulated sector. Furthermore, there may be a notable increase in fuel receipts beginning with January 2008 data.

Starting with the revised data for 2008, tables for total receipts begin to reflect estimation for all plants with capacity over 1 megawatt, to be consistent with other electric power data. Previous receipts data published have been a legacy of their original collection as information for a regulatory agency, not as a survey to provide more meaningful estimates of totals for statistical purposes. Totals appeared to become smaller as more electric production came from unregulated plants, until the Form EIA-423 was created to help fill that gap. As a further improvement, estimation of all receipts for the universe normally depicted in the EPM (i.e., 1 megawatt and above), with associated relative standard errors, provides a more complete assessment of the market.

Generation and consumption
Beginning in 2008, a new method of allocating fuel consumption between electric power generation and useful thermal output (UTO) was implemented. This new methodology evenly distributes a combined heat and power (CHP) plant's losses between the two output products (electric power and UTO). In the historical data, UTO was consistently assumed to be 80 percent efficient and all other losses at the plant were allocated to electric power. This change causes the fuel for electric power to be decreased while the fuel for UTO is increased as both are given the same efficiency. This results in the appearance of an increase in efficiency of production of electric power between periods.

Sensitive data: Most of the data collected on the Form EIA-923 are not considered business sensitive. However, the cost of fuel delivered to nonutilities, commodity cost of fossil fuels, and reported fuel stocks at the end of the reporting period are considered business sensitive 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)).

Average Capacity Factors

This section describes the methodology for calculating capacity factors by fuel and technology type for operating electric power plants. Capacity factor is a measure (expressed as a percent) of how often an electric generator operates over a specific period of time, using a ratio of the actual output to the maximum possible output over that time period.

The capacity factor calculation only includes operating electric generators in the Electric Power Sector (sectors 1, 2 and 3) using the net generation reported on the Form EIA-923 and the net summer capacity reported on the Form EIA-860. The capacity factor for a particular fuel/technology type is given by:

$$CapacityFactor = \left(\frac{\sum_{x,m} Generation_{x,m}}{\sum_{x,m} Capacity_{x,m} * AvailableTime_{x,m}} \right)$$

Where x represents generators of that fuel/technology combination and m represents the period of time (month or year). Generation and capacity are specific to a generator, and the generator is categorized by its primary fuel type as reported on the EIA-860. All generation from that generator is included, regardless of other fuels consumed. Available time is also specific to the generator in order to account for differing online and retirement dates. Therefore, these published capacity factors will differ from a simple calculation using annual generation and capacity totals from the appropriate tables in this publication.

NERC classification

The Florida Reliability Coordinating Council (FRCC) separated itself from the Southeastern Electric Reliability Council (SERC) in the mid-1990s. In 1998, several utilities realigned from Southwest Power Pool (SPP) to SERC. Name changes altered both the Mid-Continent Area Power Pool (MAPP) to the Midwest Reliability Organization (MRO) and the Western Systems Coordinating Council (WSCC) to the Western Energy Coordinating Council (WECC). The MRO membership boundaries have altered over time, but WECC membership boundaries have not. The utilities in the associated regional entity identified as the Alaska System Coordination Council (ASCC) dropped their formal participation in NERC. Both the States of Alaska and Hawaii are not contiguous with the other continental States and have no electrical interconnections. At the close of calendar year 2005, the following reliability regional councils were dissolved: East Central Area Reliability Coordinating Agreement (ECAR), Mid-Atlantic Area Council (MAAC), and Mid-America Interconnected Network (MAIN).

On January 1, 2006, the ReliabilityFirst Corporation (RFC) came into existence as a new regional reliability council. Individual utility membership in the former ECAR, MAAC, and MAIN councils mostly shifted to RFC. However, adjustments in membership as utilities joined or left various reliability councils impacted MRO, SERC, and SPP. The Texas Regional Entity (TRE) was formed from a delegation of authority from NERC to handle the regional responsibilities of the Electric Reliability Council of Texas (ERCOT). The revised delegation agreements covering all the regions were approved by the Federal Energy Regulatory Commission on March 21, 2008. Reliability Councils that are unchanged include: Florida Reliability Coordinating Council (FRCC), Northeast Power Coordinating Council (NPCC), and the Western Energy Coordinating Council (WECC

The new NERC Regional Council names are as follows:

- Florida Reliability Coordinating Council (FRCC),
- Midwest Reliability Organization (MRO),
- Northeast Power Coordinating Council (NPCC),
- ReliabilityFirst Corporation (RFC),
- Southeastern Electric Reliability Council (SERC),
- Southwest Power Pool (SPP),
- Texas Regional Entity (TRE), and
- Western Energy Coordinating Council (WECC).

Business classification

Nonutility power producers consist of corporations, persons, agencies, authorities, or other legal entities that own or operate facilities for electric generation but are not electric utilities. This includes qualifying cogenerators, small power producer, and independent power producers. Furthermore, nonutility power producers do not have a designated franchised service area. In addition to entities whose primary business is the production and sale of electric power, entities with other primary business classifications can and do sell electric power. These can consist of manufacturing, agricultural, forestry, transportation, finance, service and administrative industries, based on the Office of Management and Budget's Standard Industrial Classification (SIC) Manual. In 1997, the SIC Manual name was changed to North American Industry Classification System (NAICS). The following is a list of the main classifications and the category of primary business activity within each classification.

Agriculture, Forestry, and Fishing

111 Agriculture production-crops
112 Agriculture production, livestock and animal specialties
113 Forestry
114 Fishing, hunting, and trapping
115 Agricultural services

Mining

211 Oil and gas extraction
2121 Coal mining
2122 Metal mining

2123 Mining and quarrying of nonmetallic minerals except fuels

Construction

23

Manufacturing

311 Food and kindred products
3122 Tobacco products
314 Textile and mill products
315 Apparel and other finished products made from fabrics and similar materials
316 Leather and leather products
321 Lumber and wood products, except furniture
322 Paper and allied products (other than 322122 or 32213)
322122 Paper mills, except building paper
32213 Paperboard mills
323 Printing and publishing
324 Petroleum refining and related industries (other than 32411)
32411 Petroleum refining
325 Chemicals and allied products (other than 325188, 325211, 32512, or 325311)
32512 Industrial organic chemicals
325188 Industrial Inorganic Chemicals
325211 Plastics materials and resins
325311 Nitrogenous fertilizers
326 Rubber and miscellaneous plastic products
327 Stone, clay, glass, and concrete products (other than 32731)
32731 Cement, hydraulic
331 Primary metal industries (other than 331111 or 331312)
331111 Blast furnaces and steel mills
331312 Primary aluminum
332 Fabricated metal products, except machinery and transportation equipment
333 Industrial and commercial equipment and components except computer equipment
3345 Measuring, analyzing, and controlling instruments, photographic, medical, and optical goods, watches and clocks
335 Electronic and other electrical equipment and components except computer equipment
336 Transportation equipment
337 Furniture and fixtures
339 Miscellaneous manufacturing industries

Transportation and Public Utilities

22 Electric, gas, and sanitary services
2212 Natural gas transmission
2213 Water supply
22131 Irrigation systems
22132 Sewerage systems
481 Transportation by air
482 Railroad transportation
483 Water transportation
484 Motor freight transportation and warehousing
485 Local and suburban transit and interurban highway passenger transport
486 Pipelines, except natural gas
487 Transportation services
491 United States Postal Service
513 Communications
562212 Refuse systems

Wholesale Trade

421 to 422

Retail Trade

441 to 454

Finance, Insurance, and Real Estate

521 to 533

Services

512 Motion pictures
514 Business services
514199 Miscellaneous services
541 Legal services
561 Engineering, accounting, research, management, and related services
611 Education services
622 Health services
624 Social services
712 Museums, art galleries, and botanical and zoological gardens
713 Amusement and recreation services
721 Hotels
811 Miscellaneous repair services
8111 Automotive repair, services, and parking
812 Personal services
813 Membership organizations
814 Private households

Public Administration

92

[1] The basic technique employed is described in the paper "Model-Based Sampling and Inference," on the EIA website. Additional references can be found on the InterStat website (http://interstat.statjournals.net/). See the following sources: Knaub, J.R., Jr. (1999a), "Using Prediction-Oriented Software for Survey Estimation," InterStat, August 1999, http://interstat.statjournals.net/; Knaub, J.R. Jr. (1999b), "Model-Based Sampling, Inference and Imputation," EIA web site: http://www.eia.gov/cneaf/electricity/forms/eiawebme.pdf; Knaub, J.R., Jr. (2005), "Classical Ratio Estimator," InterStat, October 2005, http://interstat.statjournals.net/; Knaub, J.R., Jr. (2007a), "Cutoff Sampling and Inference," InterStat, April 2007, http://interstat.statjournals.net/; Knaub, J.R., Jr. (2008), "Cutoff Sampling." Definition in Encyclopedia of Survey Research Methods, Editor: Paul J. Lavrakas, Sage, to appear; Knaub, J.R., Jr. (2000), "Using Prediction-Oriented Software for Survey Estimation - Part II: Ratios of Totals," InterStat, June 2000, http://interstat.statjournals.net/; Knaub, J.R., Jr. (2001), "Using Prediction-Oriented Software for Survey Estimation - Part III: Full-Scale Study of Variance and Bias," InterStat, June 2001, http://interstat.statjournals.net/.

[2] See the following sources: Bahillo, A. et al. Journal of Energy Resources Technology, "NOx and N2O Emissions During Fluidized Bed Combustion of Leather Wastes." Volume 128, Issue 2, June 2006. pp. 99-103; U.S. Energy Information Administration. *Renewable Energy Annual 2004*. "Average Heat Content of Selected Biomass Fuels." Washington, DC, 2005; Penn State Agricultural College Agricultural and Biological Engineering and Council for Solid Waste Solutions. Garth, J. and Kowal, P. Resource Recovery, Turning Waste into Energy, University Park, PA, 1993; Utah State University Recycling Center Frequently Asked Questions. Published at http://www.usu.edu/recycle/faq.htm. Accessed December 2006.

[3] Biogenic components include newsprint, paper, containers and packaging, leather, textiles, yard trimmings, food wastes, and wood. Non-biogenic components include plastics, rubber and other miscellaneous non-biogenic waste.

Table C.1 Average Heat Content of Fossil-Fuel Receipts, February 2015

Census Division and State	Coal (Million Btu per Ton)	Petroleum Liquids (Million Btu per Barrel)	Petroleum Coke (Million Btu per Ton)	Natural Gas (Million Btu per Thousand Cubic Feet)
New England	20.81	6.13	--	1.03
Connecticut	18.41	5.74	--	1.03
Maine	24.84	6.30	--	1.02
Massachusetts	23.08	5.79	--	1.03
New Hampshire	25.94	5.70	--	1.04
Rhode Island	--	5.83	--	1.03
Vermont	--	--	--	--
Middle Atlantic	23.53	6.11	--	1.04
New Jersey	25.74	5.80	--	1.04
New York	21.46	6.17	--	1.03
Pennsylvania	23.49	5.82	--	1.04
East North Central	20.23	5.78	28.85	1.04
Illinois	17.69	5.79	--	1.01
Indiana	22.26	5.75	29.70	1.03
Michigan	18.83	5.84	27.50	1.02
Ohio	24.40	5.77	28.46	1.05
Wisconsin	17.87	5.80	27.99	1.04
West North Central	16.76	5.79	--	1.04
Iowa	17.53	5.71	--	1.05
Kansas	17.11	5.77	--	1.04
Minnesota	17.66	5.73	--	1.05
Missouri	17.68	5.80	--	1.03
Nebraska	16.91	--	--	1.05
North Dakota	13.37	5.94	--	1.00
South Dakota	16.42	--	--	1.05
South Atlantic	23.49	5.95	28.60	1.03
Delaware	25.89	5.67	--	1.06
District of Columbia	--	--	--	--
Florida	23.53	5.80	28.93	1.02
Georgia	19.48	5.84	27.44	1.03
Maryland	25.04	6.32	--	1.05
North Carolina	24.85	5.81	--	1.03
South Carolina	25.04	5.89	--	1.03
Virginia	22.05	6.00	--	1.04
West Virginia	24.53	5.75	--	1.03
East South Central	21.11	5.77	28.37	1.03
Alabama	19.99	5.76	--	1.03
Kentucky	21.94	5.79	28.37	1.03
Mississippi	14.76	5.84	--	1.03
Tennessee	23.34	5.76	--	1.01
West South Central	16.18	5.82	28.51	1.03
Arkansas	17.69	5.86	--	1.04
Louisiana	16.34	5.78	28.51	1.03
Oklahoma	17.30	5.75	--	1.04
Texas	15.62	5.81	--	1.03
Mountain	18.78	5.71	--	1.04
Arizona	19.00	5.69	--	1.04
Colorado	18.97	--	--	1.07
Idaho	--	--	--	1.03
Montana	16.84	5.92	--	--
Nevada	18.71	5.83	--	1.04
New Mexico	17.86	5.66	--	1.05
Utah	21.73	5.88	--	1.04
Wyoming	17.46	5.80	--	1.05
Pacific Contiguous	17.42	6.00	--	1.03
California	23.11	--	--	1.03
Oregon	17.44	--	--	1.03
Washington	17.10	6.00	--	1.06
Pacific Noncontiguous	20.70	6.19	--	1.00
Alaska	--	--	--	1.00
Hawaii	20.70	6.19	--	--
U.S. Total	19.31	6.08	28.61	1.03

'Coal' includes anthracite, bituminous, subbituminous, lignite, waste coal, synthetic coal, and coal-derived synthesis gas.
'Petroleum Liquids' include distillate fuel oil, residual fuel oil, jet fuel, kerosene, propane, and waste oil.
'Petroleum Coke' includes petroleum coke and synthesis gas derived from petroleum coke.
'Natural Gas' includes a small amount of supplemental gaseous fuels.
Notes: See Glossary for definitions. Values are preliminary. Data represents weighted values.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table C.2. Comparison of Preliminary Monthly Data Versus Final Monthly Data at the U.S. Level, 2011 through 2013

	Mean Absolute Value of Percent Change Total (All Sectors)		
Item	**2011**	**2012**	**2013**
Net Generation			
Coal	0.15%	0.20%	0.31%
Petroleum Liquids	2.67%	4.25%	4.04%
Petroleum Coke	14.41%	2.45%	0.95%
Natural Gas	0.41%	0.46%	0.98%
Other Gases	2.95%	6.36%	5.81%
Hydroelectric	2.03%	0.70%	0.65%
Nuclear	0.00%	0.00%	0.00%
Other	1.03%	1.08%	0.56%
Total	**0.16%**	**0.20%**	**0.19%**
Consumption of Fossil Fuels for Electricity Generation			
Coal	0.23%	0.16%	0.07%
Petroleum Liquids	2.90%	4.47%	3.49%
Petroleum Coke	9.93%	3.99%	1.03%
Natural Gas	0.28%	0.37%	0.99%
Fuel Stocks for Electric Power Sector			
Coal	0.46%	0.57%	0.25%
Petroleum Liquids	0.55%	0.64%	2.54%
Petroleum Coke	2.64%	8.22%	0.08%
Retail Sales			
Residential	0.15%	0.16%	0.27%
Commercial	0.66%	0.39%	0.43%
Industrial	1.61%	0.50%	2.47%
Transportation	0.88%	2.44%	1.45%
Total	**0.64%**	**0.27%**	**0.90%**
Revenue			
Residential	0.73%	0.13%	0.33%
Commercial	0.24%	0.20%	0.33%
Industrial	0.58%	0.20%	2.76%
Transportation	0.29%	1.09%	4.07%
Total	**0.31%**	**0.13%**	**0.76%**
Average Retail Price			
Residential	0.66%	0.10%	0.12%
Commercial	0.79%	0.27%	0.11%
Industrial	1.02%	0.39%	0.29%
Transportation	1.08%	1.57%	2.70%
Total	**0.90%**	**0.21%**	**0.13%**
Receipt of Fossil Fuels			
Coal	1.15%	0.99%	2.50%
Petroleum Liquids	5.25%	23.68%	0.79%
Petroleum Coke	16.19%	13.72%	2.30%
Natural Gas	0.52%	10.47%	0.47%
Cost of Fossil Fuels			
Coal	0.31%	0.90%	0.18%
Petroleum Liquids	1.55%	0.53%	0.14%
Petroleum Coke	8.98%	11.66%	1.22%
Natural Gas	0.50%	0.77%	0.02%

Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and synthetic coal. Coal stocks exclude waste coal.
Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately. Excludes blast furnace gas and other gases.
Hydroelectric includes conventional hydroelectric and hydroelectric pumped storage facilities.
Other generation includes geothermal, wood, waste, wind, and solar, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.
Fuel Stocks are end-of-month values.
See technical notes (http://www.eia.gov/cneaf/electricity/epm/appenc.pdf) for additional information on the Commercial, Industrial and Transportation sectors.
Cost of Fossil Fuels represent weighted values.
Notes: Mean absolute value of percent change is the unweighted average of the absolute percent cahnges.
Sources: U.S. Energy Information Administration, Form EIA-923 'Power Plant Operations Report'; Form EIA-423, 'Monthly Cost and Quality of Fuels for Electric Plants Report'; Form EIA-826, 'Monthly Electric Sales and Revenue With State Distributions Report'; Form EIA-906, 'Power Plant Report;' Form EIA-920 'Combined Heat and Power Plant Report'; and Federal Energy Regulatory Commission, FERC Form 423, 'Monthly Report of Cost and Quality of Fuels for Electric Plants.'

Table C.3. Comparison of Preliminary Annual Data Versus Final Annual Data at the U.S. Level, 2011 through 2013

	2011			2012			2013		
Item	Preliminary Annual Data	Final Annual Data	Percent Change	Preliminary Annual Data	Final Annual Data	Percent Change	Preliminary Annual Data	Final Annual Data	Percent Change
Net Generation (Thousand MWh)									
Coal	1,734,265	1,733,430	-0.05%	1,517,203	1,514,043	-0.21%	1,585,998	1,581,115	-0.31%
Petroleum Liquids	15,840	16,086	1.56%	13,209	13,403	1.47%	13,410	13,820	3.06%
Petroleum Coke	12,322	14,096	14.39%	9,691	9,787	0.99%	13,453	13,344	-0.81%
Natural Gas	1,016,595	1,013,689	-0.29%	1,230,708	1,225,894	-0.39%	1,113,665	1,124,836	1.00%
Other Gases	11,269	11,566	2.64%	11,212	11,898	6.11%	12,271	12,853	4.75%
Hydroelectric	319,162	312,934	-1.95%	271,878	271,290	-0.22%	264,713	263,884	-0.31%
Nuclear	790,225	790,204	0.00%	769,331	769,331	0.00%	789,017	789,016	0.00%
Other	206,057	208,135	1.01%	231,253	232,120	0.37%	265,683	267,096	0.53%
Total	**4,105,734**	**4,100,141**	**-0.14%**	**4,054,485**	**4,047,765**	**-0.17%**	**4,058,209**	**4,065,964**	**0.19%**
Consumption of Fossil Fuels for Electricity Generation									
Coal (1,000 tons)	932,911	934,938	0.22%	826,700	825,734	-0.12%	860,790	860,729	-0.01%
Petroleum Liquids (1,000 barrels)	26,728	27,326	2.24%	22,523	22,604	0.36%	22,751	23,231	2.11%
Petroleum Coke (1,000 tons)	4,561	5,012	9.89%	3,552	3,675	3.44%	4,893	4,852	-0.83%
Natural Gas (1,000 Mcf)	7,880,481	7,883,865	0.04%	9,465,207	9,484,710	0.21%	8,512,483	8,596,299	0.98%
Fuel Stocks for Electric Power Sector									
Coal (1,000 tons)	175,100	172,387	-1.55%	184,923	185,116	0.10%	147,973	147,884	-0.06%
Petroleum Liquids (1,000 barrels)	35,260	34,847	-1.17%	31,897	32,224	1.03%	31,045	31,673	2.03%
Petroleum Coke (1,000 tons)	470	508	8.17%	495	495	-0.01%	390	390	-0.01%
Retail Sales (Million kWh)									
Residential	1,423,700	1,422,801	-0.06%	1,374,594	1,374,515	-0.01%	1,391,090	1,394,919	0.28%
Commercial	1,319,288	1,328,057	0.66%	1,323,844	1,327,101	0.25%	1,338,448	1,344,206	0.43%
Industrial	975,569	991,316	1.61%	980,837	985,714	0.50%	954,725	978,351	2.47%
Transportation	7,606	7,672	0.87%	7,504	7,320	-2.45%	7,525	7,625	1.32%
Total	**3,726,163**	**3,749,846**	**0.64%**	**3,686,780**	**3,694,650**	**0.21%**	**3,691,789**	**3,725,101**	**0.90%**
Revenue (Million Dollars)									
Residential	167,930	166,714	-0.72%	163,352	163,280	-0.04%	168,546	169,113	0.34%
Commercial	136,138	135,927	-0.16%	133,908	133,898	-0.01%	137,778	138,229	0.33%
Industrial	67,212	67,606	0.59%	65,691	65,761	0.11%	65,111	66,909	2.76%
Transportation	805	803	-0.25%	754	747	-0.90%	773	805	4.08%
Total	**372,084**	**371,049**	**-0.28%**	**363,705**	**363,687**	**0.00%**	**372,208**	**375,055**	**0.76%**
Average Retail Price (Cents/kWh)									
Residential	11.80	11.72	-0.66%	11.88	11.88	-0.04%	12.12	12.12	0.06%
Commercial	10.32	10.24	-0.81%	10.12	10.09	-0.25%	10.29	10.28	-0.10%
Industrial	6.89	6.82	-1.01%	6.70	6.67	-0.39%	6.82	6.84	0.28%
Transportation	10.58	10.46	-1.11%	10.05	10.21	1.59%	10.28	10.55	2.72%
Total	**9.99**	**9.90**	**-0.91%**	**9.87**	**9.84**	**-0.22%**	**10.08**	**10.07**	**-0.14%**
Receipt of Fossil Fuels									
Coal (1,000 tons)	945,581	956,538	1.16%	849,667	841,183	-1.00%	803,206	823,222	2.49%
Petroleum Liquids (1,000 barrels)	34,342	36,158	5.29%	25,485	19,464	-23.63%	20,348	20,413	0.32%
Petroleum Coke (1,000 tons)	5,163	5,980	15.82%	4,858	4,180	-13.95%	4,555	4,660	2.31%
Natural Gas (1,000 Mcf)	9,025,066	9,056,164	0.34%	10,631,822	9,531,389	-10.35%	8,463,303	8,503,424	0.47%
Cost of Fossil Fuels (Dollars per Million Btu)									
Coal (1,000 tons)	2.40	2.39	-0.25%	2.40	2.38	-0.89%	2.35	2.34	-0.12%
Petroleum Liquids (1,000 barrels)	20.10	19.94	-0.76%	21.82	21.85	0.12%	20.59	20.56	-0.12%
Petroleum Coke (1,000 tons)	2.80	3.03	8.27%	2.54	2.24	-11.90%	2.16	2.17	0.70%
Natural Gas (1,000 Mcf)	4.71	4.72	0.41%	3.40	3.42	0.64%	4.33	4.33	0.03%

Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and synthetic coal. Coal stocks exclude waste coal.
Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.
Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately. Excludes blast furnace gas and other gases.
Hydroelectric includes conventional hydroelectric and hydroelectric pumped storage facilities.
Other generation includes geothermal, wood, waste, wind, and solar, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.
Fuel Stocks are end-of-year values.
See technical notes (http://www.eia.gov/cneaf/electricity/epm/appenc.pdf) for additional information on the Commercial, Industrial and Transportation sectors.
Cost of Fossil Fuels represent weighted values.
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 changes refer to the difference between the preliminary data published in the Electric Power Monthly (EPM) and the final data published in the EPM. Values for 2013 are Final.
Sources: U.S. Energy Information Administration, Form EIA-923 'Power Plant Operations Report'; Form EIA-423, 'Monthly Cost and Quality of Fuels for Electric Plants Report'; Form EIA-826, 'Monthly Electric Sales and Revenue With State Distributions Report'; Form EIA-906, 'Power Plant Report;' Form EIA-920 'Combined Heat and Power Plant Report'; and Federal Energy Regulatory Commission, FERC Form 423, 'Monthly Report of Cost and Quality of Fuels for Electric Plants.'

Table C.4. 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: U.S. Energy Information Administration

Glossary

Anthracite: The highest rank of coal; used primarily for residential and commercial space heating. It is a hard, brittle, and black lustrous coal, often referred to as hard coal, containing a high percentage of fixed carbon and a low percentage of volatile matter. The moisture content of fresh-mined anthracite generally is less than 15 percent. The heat content of anthracite ranges from 22 to 28 million Btu per ton on a moist, mineral-matter-free basis. The heat content of anthracite coal consumed in the United States averages 25 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter). Note: Since the 1980's, anthracite refuse or mine waste has been used for steam electric power generation. This fuel typically has a heat content of 15 million Btu per ton or less.

Ash: Impurities consisting of silica, iron, aluminum, and other noncombustible matter that are contained in coal. Ash increases the weight of coal, adds to the cost of handling, and can affect its burning characteristics. Ash content is measured as a percent by weight of coal on a "received" or a "dry" (moisture-free, usually part of a laboratory analysis) basis.

Ash content: The amount of ash contained in the fuel (except gas) in terms of percent by weight.

Average Retail Price of Electricity (formerly known as Average Revenue per Kilowatthour): The average revenue per kilowatthour of electricity sold by sector (residential, commercial, industrial, or other) and geographic area (State, Census division, and national), is calculated by dividing the total monthly revenue by the corresponding total monthly sales for each sector and geographic area.

Barrel: A unit of volume equal to 42 U.S. gallons.

Biomass: Organic non-fossil material of biological origin constituting a renewable energy resource.

Bituminous coal: A dense coal, usually black, sometimes dark brown, often with well-defined bands of bright and dull material, used primarily as fuel in steam-electric power generation, with substantial quantities also used for heat and power applications in manufacturing and to make coke. Bituminous coal is the most abundant coal in active U.S. mining regions. Its moisture content usually is less than 20 percent. The heat content of bituminous coal ranges from 21 to 30 million Btu per ton on a moist, mineral-matter-free basis. The heat content of bituminous coal consumed in the United States averages 24 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

British thermal unit: The quantity of heat required to raise the temperature of 1 pound of liquid water by 1 degree Fahrenheit at the temperature at which water has its greatest density (approximately 39 degrees Fahrenheit).

Btu: The abbreviation for British thermal unit(s).

Capacity: See Generator Capacity and Generator Name Plate Capacity (Installed).

Census Divisions: Any of nine geographic areas of the United States as defined by the U.S. Department of Commerce, Bureau of the Census. The divisions, each consisting of several States, are defined as follows:

1) *New England:* Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont;
2) *Middle Atlantic:* New Jersey, New York, and Pennsylvania;
3) *East North Central:* Illinois, Indiana, Michigan, Ohio, and Wisconsin;
4) *West North Central:* Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota;
5) *South Atlantic:* Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia;
6) *East South Central:* Alabama, Kentucky, Mississippi, and Tennessee;
7) *West South Central:* Arkansas, Louisiana, Oklahoma, and Texas;
8) *Mountain:* Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming;
9) *Pacific:* Alaska, California, Hawaii, Oregon, and Washington.

Note: Each division is a sub-area within a broader Census Region. In some cases, the Pacific division is subdivided into the Pacific Contiguous area (California, Oregon, and Washington) and the Pacific Noncontiguous area (Alaska and Hawaii).

Coal: A readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time.

Coal synfuel: Coal-based solid fuel that has been processed by a coal synfuel plant; and coal-based fuels such as briquettes, pellets, or extrusions, which are formed from fresh or recycled coal and binding materials.

Coke (petroleum): A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion is 5 barrels (of 42 U.S. gallons each) per short ton. Coke from petroleum has a heating value of 6.024 million Btu per barrel.

Combined cycle: An electric generating technology in which electricity is produced from otherwise lost waste heat exiting from one or more gas (combustion) turbine-generators. The exiting heat from the combustion turbine(s) is routed to a conventional boiler or to a heat recovery steam generator for utilization by a steam turbine in the production of additional electricity.

Combined heat and power (CHP): Includes plants designed to produce both heat and electricity from a single heat source. *Note:* This term is being used in place of the term "cogenerator" that was used by EIA in the past. CHP better describes the facilities because some of the plants included do not produce heat and power in a sequential fashion and, as a result, do not meet the legal definition of cogeneration specified in the Public Utility Regulatory Policies Act (PURPA).

Commercial sector: An energy-consuming sector that consists of service-providing facilities and equipment of: businesses; Federal, State, and local governments; and other private and public organizations, such as religious, social, or fraternal groups. The commercial sector includes institutional living quarters. It also includes sewage treatment facilities. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a wide variety of other equipment. *Note:* This sector includes generators that produce electricity and/or useful thermal output primarily to support the activities of the above-mentioned commercial establishments.

Consumption (fuel): The use of energy as a source of heat or power or as a raw material input to a manufacturing process.

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

Demand (electric): The rate at which electric energy is delivered to or by a system, part of a system, or piece of equipment, at a given instant or averaged over any designated period of time.

Diesel: A distillate fuel oil that is used in diesel engines such as those used for transportation and for electric power generation.

Distillate fuel oil: *A general classification for one of the petroleum fractions produced in conventional distillation operations. It includes diesel fuels and fuel oils. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in trucks and automobiles, as well as off-highway engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.*

1) *No. 1 Distillate:* A light petroleum distillate that can be used as either a diesel fuel (see No. 1 Diesel Fuel) or a fuel oil. See No. 1 Fuel Oil.

- *No. 1 Diesel fuel:* A light distillate fuel oil that has distillation temperatures of 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines, such as those in city buses and similar vehicles. See No. 1 Distillate above.
- *No. 1 Fuel oil:* A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See No. 1 Distillate above.

2) *No. 2 Distillate:* A petroleum distillate that can be used as either a diesel fuel (see No. 2 Diesel Fuel definition below) or a fuel oil. See No. 2 Fuel oil below.

- *No. 2 Diesel fuel:* A fuel that has distillation temperatures of 500 degrees Fahrenheit at the 10-percent recovery point and 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See No. 2 Distillate above.

3) *No. 4 Fuel:* A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms with ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

- *No. 4 Diesel fuel and No. 4 Fuel oil:* See No. 4 Fuel above.

Electric industry restructuring: The process of replacing a monopolistic system of electric utility suppliers with competing sellers, allowing individual retail customers to choose their supplier but still receive delivery over the power lines of the local utility. It includes the reconfiguration of vertically integrated electric utilities.

Electric plant (physical): A facility containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or fission energy into electric energy.

Electric power sector: An energy-consuming sector that consists of electricity-only and combined-heat-and-power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public-- i. e., North American Industry Classification System 22 plants.

Electric utility: A corporation, person, agency, authority, or other legal entity or instrumentality aligned with distribution facilities for delivery of electric energy for use primarily by the public. Included are investor-owned electric utilities, municipal and State utilities, Federal electric utilities, and rural electric cooperatives. A few entities that are tariff based and corporately aligned with companies that own distribution facilities are also included. Note: Due to the issuance of FERC Order 888 that required traditional electric utilities to functionally unbundle their generation, transmission, and distribution operations, "electric utility" currently has inconsistent interpretations from State to State.

Electricity: A form of energy characterized by the presence and motion of elementary charged particles generated by friction, induction, or chemical change.

Electricity generation: The process of producing electric energy or the amount of electric energy produced by transforming other forms of energy, commonly expressed in kilowatthours (kWh) or megawatthours (MWh).

Electricity generators: The facilities that produce only electricity, commonly expressed in kilowatthours (kWh) or megawatthours (MWh).

Energy: The capacity for doing work as measured by the capability of doing work (potential energy) or the conversion of this capability to motion (kinetic energy). Energy has several forms, some of which are easily convertible and can be changed to another form useful for work. Most of the world's convertible energy comes from fossil fuels that are burned to produce heat that is then used as a transfer medium to mechanical or other means in order to accomplish tasks. Electrical energy is usually measured in kilowatthours, while heat energy is usually measured in British thermal units.

Energy conservation features: This includes building shell conservation features, HVAC conservation features, lighting conservation features, any conservation features, and other conservation features incorporated by the building. However, this category does not include any demand-side management (DSM) program participation by the building. Any DSM program participation is included in the DSM Programs.

Energy efficiency: Refers to programs that are aimed at reducing the energy used by specific end-use devices and systems, typically without affecting the services provided. These programs reduce overall electricity consumption (reported in megawatthours), often without explicit consideration for the timing of program-induced savings. Such savings are generally achieved by substituting technically more advanced equipment to produce the same level of end-use services (e.g. lighting, heating, motor drive) with less electricity. Examples include high-efficiency appliances, efficient lighting programs, high-efficiency heating, ventilating and air conditioning (HVAC) systems or control modifications, efficient building design, advanced electric motor drives, and heat recovery systems.

Energy service provider: An energy entity that provides service to a retail or end-use customer.

Energy source: Any substance or natural phenomenon that can be consumed or transformed to supply heat or power. Examples include petroleum, coal, natural gas, nuclear, biomass, electricity, wind, sunlight, geothermal, water movement, and hydrogen in fuel cells.

Energy-only service: Retail sales services for which the company provided only the energy consumed, where another entity provides delivery services.

Fossil fuel: An energy source formed in the earths crust from decayed organic material. The common fossil fuels are petroleum, coal, and natural gas.

Franchised service area: A specified geographical area in which a utility has been granted the exclusive right to serve customers. A franchise allows an entity to use city streets, alleys and other public lands in order to provide, distribute, and sell services to the community.

Fuel: Any material substance that can be consumed to supply heat or power. Included are petroleum, coal, and natural gas (the fossil fuels), and other consumable materials, such as uranium, biomass, and hydrogen.

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

Gas turbine plant: An electric generating facility in which the prime mover is a gas (combustion) turbine. A gas turbine typically consists of an air compressor and one or more combustion chambers where either liquid or gaseous fuel is burned. The resulting hot gases are passed through the turbine where they expand to drive both an electric generator and the compressor.

Generating unit: Any combination of physically connected generators, reactors, boilers, combustion turbines, or other prime movers operated together to produce electric power.

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

Generator capacity: The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, adjusted for ambient conditions.

Generator nameplate capacity (installed): The maximum rated output of a generator, prime mover, or other electric power production equipment under specific conditions designated by the manufacturer. Installed generator nameplate capacity is commonly expressed in megawatts (MW) and is usually indicated on a nameplate physically attached to the generator.

Geothermal: Pertaining to heat within the Earth.

Geothermal energy: Hot water or steam extracted from geothermal reservoirs in the earth's crust. Water or steam extracted from geothermal reservoirs can be used for geothermal heat pumps, water heating, or electricity generation.

Gigawatt (GW): One billion watts.

Gigawatthour (GWh): One billion watthours.

Gross generation: The total amount of electric energy produced by generating units and measured at the generating terminal in kilowatthours (kWh) or megawatthours (MWh).

Heat content: The amount or number of British thermal units (Btu) produced by the combustion of fuel, measured in Btu/unit of measure.

Hydroelectric power: The production of electricity from the kinetic energy of falling water.

Hydroelectric power generation: Electricity generated by an electric power plant whose turbines are driven by falling water. It includes electric utility and industrial generation of hydroelectricity, unless otherwise specified. Generation is reported on a net basis, i.e., on the amount of electric energy generated after the electric energy consumed by station auxiliaries and the losses in the transformers that are considered integral parts of the station are deducted.

Hydroelectric pumped storage: Hydroelectricity that is generated during peak loads by using water previously pumped into an elevated storage reservoir during off-peak periods when excess generating capacity is available to do so. When additional generating capacity is needed, the water can be released from the reservoir through a conduit to turbine generators located in a power plant at a lower level.

Hydrogen: A colorless, odorless, highly flammable gaseous element. It is the lightest of all gases and the most abundant element in the universe, occurring chiefly in combination with oxygen in water and also in acids, bases, alcohols, petroleum, and other hydrocarbons.

Independent power producer: A corporation, person, agency, authority, or other legal entity or instrumentality that owns or operates facilities for the generation of electricity for use primarily by the public, and that is not an electric utility.

Industrial sector: An energy-consuming sector that consists of all facilities and equipment used for producing, processing, or assembling goods. The industrial sector encompasses the following types of activity: manufacturing (NAICS codes 31-33); agriculture, forestry, and hunting (NAICS code 11); mining, including oil and gas extraction (NAICS code 21); natural gas distribution (NAICS code 2212); and construction (NAICS code 23). Overall energy use in this sector is largely for process heat and cooling and powering machinery, with lesser amounts used for facility heating, air conditioning, and lighting. Fossil fuels are also used as raw material inputs to manufactured products. Note: This sector includes generators that produce electricity and/or useful thermal output primarily to support the above-mentioned industrial activities.

Interdepartmental service (electric): Interdepartmental service includes amounts charged by the electric department at tariff or other specified rates for electricity supplied by it to other utility departments.

Internal combustion plant: A plant in which the prime mover is an internal combustion engine. An internal combustion engine has one or more cylinders in which the process of combustion takes place, converting energy released from the rapid burning of a fuel-air mixture into mechanical energy. Diesel or gas-fired engines are the principal types used in electric plants. The plant is usually operated during periods of high demand for electricity.

Investor-owned utility (IOU): A privately-owned electric utility whose stock is publicly traded. It is rate regulated and authorized to achieve an allowed rate of return.

Jet fuel: A refined petroleum product used in jet aircraft engines. It includes kerosene-type jet fuel and naphtha-type jet fuel.

Kerosene: A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil.

Kilowatt (kW): One thousand watts.

Kilowatthour (kWh): One thousand watthours.

Light oil: Lighter fuel oils distilled off during the refining process. Virtually all petroleum used in internal combustion and gas-turbine engines is light oil.

Lignite: The lowest rank of coal, often referred to as brown coal, used almost exclusively as fuel for steam-electric power generation. It is brownish-black and has a high inherent moisture content, sometimes as high as 45 percent. The heat content of lignite ranges from 9 to 17 million Btu per ton on a moist, mineral-matter-free basis. The heat content of lignite consumed in the United States averages 13 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

Manufactured gas: A gas obtained by destructive distillation of coal, or by thermal decomposition of oil, or by the reaction of steam passing through a bed of heated coal or coke. Examples are coal gases, coke oven gases, producer gas, blast furnace gas, blue (water) gas, and carbureted water gas

Mcf: One thousand cubic feet.

Megawatt (MW): One million watts of electricity.

Megawatthour (MWh): One million watthours.

Municipal utility: A nonprofit utility, owned by a local municipality and operated as a department thereof, governed by a city council or an independently elected or appointed board; primarily involved in the distribution and/or sale of retail electric power.

Natural gas: A gaseous mixture of hydrocarbon compounds, the primary one being methane. Note: The Energy Information Administration measures wet natural gas and its two sources of production, associated/dissolved natural gas and nonassociated natural gas, and dry natural gas, which is produced from wet natural gas.

1) *Wet natural gas:* A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or in solution with crude oil in porous rock formations at reservoir conditions. The principal hydrocarbons normally contained in the mixture are methane, ethane, propane, butane, and pentane. Typical nonhydrocarbon gases that may be present in reservoir natural gas are water vapor, carbon dioxide, hydrogen sulfide, nitrogen and trace amounts of helium. Under reservoir conditions, natural gas and its associated liquefiable portions occur either in a single gaseous phase in the reservoir or in solution with crude oil and are not distinguishable at the time as separate substances. Note: The Securities and Exchange Commission and the Financial Accounting Standards Board refer to this product as natural gas.

- Associated-dissolved natural gas: Natural gas that occurs in crude oil reservoirs either as free gas (associated) or as gas in solution with crude oil (dissolved gas).
- Nonassociated natural gas: Natural gas that is not in contact with significant quantities of crude oil in the reservoir.

2) *Dry natural gas:* Natural gas which remains after: 1) the liquefiable hydrocarbon portion has been removed from the gas stream (i.e., gas after lease, field, and/or plant separation); and 2) any volumes of nonhydrocarbon gases have been removed where they occur in sufficient quantity to render the gas unmarketable. Note: Dry natural gas is also known as consumer-grade natural gas. The parameters for measurement are cubic feet at 60 degrees Fahrenheit and 14.73 pounds per square inch absolute.

Net generation: The amount of gross generation less the electrical energy consumed at the generating station(s) for station service or auxiliaries. Note: Electricity required for pumping at pumped-storage plants is regarded as electricity for station service and is deducted from gross generation.

Net summer capacity: The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, as demonstrated by a multi-hour test, at the time of summer peak demand (period of May 1 through October 31). This output reflects a reduction in capacity due to electricity use for station service or auxiliaries.

Net winter capacity: The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, as demonstrated by a multi-hour test, at the time of peak winter demand (period of November 1 though April 30). This output reflects a reduction in capacity due to electricity use for station service or auxiliaries.

North American Electric Reliability Council (NERC): A council formed in 1968 by the electric utility industry to promote the reliability and adequacy of bulk power supply in the electric utility systems of North America. The NERC Regions are:

1) Texas Regional Entity (TRE),
2) Florida Reliability Coordinating Council (FRCC),
3) Midwest Reliability Organization (MRO),
4) Northeast Power Coordinating Council (NPCC),
5) ReliabilityFirst Corporation (RFC),
6) Southeastern Electric Reliability Council (SERC),
7) Southwest Power Pool (SPP), and the
8) Western Energy Coordinating Council (WECC).

North American Industry Classification System (NAICS): A set of codes that describes the possible purposes of a facility.

Nuclear electric power: Electricity generated by an electric power plant whose turbines are driven by steam produced by the heat from the fission of nuclear fuel in a reactor.

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

Other generation: Electricity originating from these sources: manufactured, supplemental gaseous fuel, propane, and waste gasses, excluding natural gas; biomass; geothermal; wind; solar thermal; photovoltaic; synthetic fuel; purchased steam; and waste oil energy sources.

Percent change: The relative change in a quantity over a specified time period. It is calculated as follows: the current value has the previous value subtracted from it; this new number is divided by the absolute value of the previous value; then this new number is multiplied by 100.

Petroleum: A broadly defined class of liquid hydrocarbon mixtures. Included are crude oil, lease condensate, unfinished oils, refined products obtained from the processing of crude oil, and natural gas plant liquids. Note: Volumes of finished petroleum products include nonhydrocarbon compounds, such as additives and detergents, after they have been blended into the products.

Petroleum coke: See Coke (petroleum).

Photovoltaic energy: Direct-current electricity generated from sunlight through solid-state semiconductor devices that have no moving parts.

Plant: A term commonly used either as a synonym for an industrial establishment or a generation facility or to refer to a particular process within an establishment.

Power: The rate at which energy is transferred. Electrical energy is usually measured in watts. Also used for a measurement of capacity.

Power production plant: All the land and land rights, structures and improvements, boiler or reactor vessel equipment, engines and engine-driven generator, turbo generator units, accessory electric equipment, and miscellaneous power plant equipment are grouped together for each individual facility.

Production (electric): Act or process of producing electric energy from other forms of energy; also, the amount of electric energy expressed in watthours (Wh).

Propane: A normally gaseous straight-chain hydrocarbon, (C3H8). It is a colorless paraffinic gas that boils at a temperature of -43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products covered by Gas Processors Association Specifications for commercial propane and HD-5 propane and ASTM Specification D 1835.

Public street and highway lighting service: Includes electricity supplied and services rendered for the purpose of lighting streets, highways, parks and other public places; or for traffic or other signal system service, for municipalities, or other divisions or agencies of State or Federal governments.

Railroad and railway electric service: Electricity supplied to railroads and interurban and street railways, for general railroad use, including the propulsion of cars or locomotives, where such electricity is supplied under separate and distinct rate schedules.

Receipts: Purchases of fuel.

Relative standard error: The standard deviation of a distribution divided by the arithmetic mean, sometimes multiplied by 100. It is used for the purpose of comparing the variabilities of frequency distributions but is sensitive to errors in the means.

Residential: An energy-consuming sector that consists of living quarters for private households. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a variety of other appliances. The residential sector excludes institutional living quarters.

Residual fuel oil: A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government

service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

Retail: Sales covering electrical energy supplied for residential, commercial, and industrial end-use purposes. Other small classes, such as agriculture and street lighting, also are included in this category.

Revenues: The total amount of money received by a firm from sales of its products and/or services, gains from the sales or exchange of assets, interest and dividends earned on investments, and other increases in the owner's equity except those arising from capital adjustments.

Sales: The transfer of title to an energy commodity from a seller to a buyer for a price or the quantity transferred during a specified period.

Service classifications (sectors): Consumers grouped by similar characteristics in order to be identified for the purpose of setting a common rate for electric service. Usually classified into groups identified as residential, commercial, industrial and other.

Service to public authorities: Public authority service includes electricity supplied and services rendered to municipalities or divisions or agencies of State and Federal governments, under special contracts or agreements or service classifications applicable only to public authorities.

Solar energy: The radiant energy of the sun that can be converted into other forms of energy, such as heat or electricity. Electricity produced from solar energy heats a medium that powers an electricity-generating device.

State power authority: A nonprofit utility owned and operated by a state government agency, primarily involved in the generation, marketing, and/or transmission of wholesale electric power.

Steam-electric power plant (conventional): A plant in which the prime mover is a steam turbine. The steam used to drive the turbine is produced in a boiler where fossil fuels are burned.

Stocks of fuel: A supply of fuel accumulated for future use. This includes coal and fuel oil stocks at the plant site, in coal cars, tanks, or barges at the plant site, or in separate storage sites.

Subbituminous coal: A coal whose properties range from those of lignite to those of bituminous coal and used primarily as fuel for steam-electric power generation. It may be dull, dark brown to black, soft and crumbly, at the lower end of the range, to bright, jet black, hard, and relatively strong, at the upper end. Subbituminous coal contains 20 to 30 percent inherent moisture by weight. The heat content of subbituminous coal ranges from 17 to 24 million Btu per ton on a moist, mineral-matter-free basis. The heat content of subbituminous coal consumed in the United States averages 17 to 18 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

Sulfur: A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. Note: No. 2 Distillate fuel is

currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

Sulfur content: The amount of sulfur contained in the fuel (except gas) in terms of percent by weight.

Supplemental gaseous fuel supplies: Synthetic natural gas, propane-air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

Synthetic fuel: A gaseous, liquid, or solid fuel that does not occur naturally. Synfuels can be made from coal (coal gasification or coal liquefaction), petroleum products, oil shale, tar sands, or plant products. Among the synfuels are various fuel gases, including but not restricted to substitute natural gas, liquid fuels for engines (e.g., gasoline, diesel fuel, and alcohol fuels) and burner fuels (e.g., fuel heating oils).

Terrawatt: One trillion watts.

Terrawatthour: One trillion kilowatthours.

Ton: A unit of weight equal to 2,000 pounds.

Turbine: A machine for generating rotary mechanical power from the energy of a stream of fluid (such as water, steam, or hot gas). Turbines convert the kinetic energy of fluids to mechanical energy through the principles of impulse and reaction, or a mixture of the two.

Ultimate consumer: A consumer that purchases electricity for its own use and not for resale.

Useful thermal output: The thermal energy made available in a combined heat or power system for use in any industrial or commercial process, heating or cooling application, or delivered to other end users, i.e., total thermal energy made available for processes and applications other than electrical generation.

Waste coal: As a fuel for electric power generation, waste coal includes anthracite refuse or mine waste, waste from anthracite preparation plants, and coal recovered from previously mined sites.

Waste gases: As a fuel for electric power generation, waste gasses are those gasses that are produced from gasses recovered from a solid-waste or wastewater treatment facility, or the gaseous by-products of oil-refining processes.

Waste oil: As a fuel for electric power generation, waste oil includes recycled motor oil, and waste oil from transformers.

Watt (W): The unit of electrical power equal to one ampere under a pressure of one volt. A Watt is equal to 1/746 horsepower.

Watthour (Wh): The electrical energy unit of measure equal to one watt of power supplied to, or taken from, an electric circuit steadily for one hour.

Wind energy: The kinetic energy of wind converted into mechanical energy by wind turbines (i.e., blades rotating from the hub) that drive generators to produce electricity.

Year-to -date: The cumulative sum of each month's value starting with January and ending with the current month of the data.