Independent Statistics & Analysis
U.S. Energy Information Administration

Electric Power Monthly

with Data for April 2015

June 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	Orhan Yildiz

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 April											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
Net Generation (Thousand Megawatthours)											
Coal	88,835	109,591	-18.9%	69,263	80,172	18,708	28,382	48	60	817	978
Petroleum Liquids	922	910	1.3%	711	715	165	163	8	9	38	NM
Petroleum Coke	806	811	-0.6%	561	572	140	142	1	1	105	97
Natural Gas	92,516	76,728	20.6%	41,343	32,854	44,407	36,595	523	538	6,243	6,741
Other Gas	915	784	16.8%	20	18	324	232	0	0	571	534
Nuclear	59,757	56,385	6.0%	31,053	30,312	28,705	26,072	0	0	0	0
Hydroelectric Conventional	22,468	25,053	-10.3%	19,924	22,652	2,299	2,209	NM	NM	242	187
Renewable Sources Excluding Hydroelectric	26,584	26,776	-0.7%	3,258	3,394	20,753	20,694	280	277	2,293	2,411
... Wind	17,835	18,731	-4.8%	2,751	2,901	15,066	15,817	13	9	NM	4
... Solar Thermal and Photovoltaic	2,567	1,633	57.2%	161	118	2,351	1,472	53	42	NM	NM
... Wood and Wood-Derived Fuels	3,168	3,251	-2.6%	152	163	825	795	NM	NM	2,187	2,291
... Other Biomass	1,669	1,783	-6.4%	120	125	1,243	1,321	209	224	98	113
... Geothermal	1,344	1,378	-2.5%	75	89	1,269	1,289	0	0	0	0
Hydroelectric Pumped Storage	-208	-378	-45.1%	-146	-301	-62	-77	0	0	0	0
Other Energy Sources	1,030	993	3.8%	39	37	521	528	100	103	371	324
All Energy Sources	293,627	297,653	-1.4%	166,025	170,426	115,960	114,941	963	992	10,679	11,294
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	48,704	58,151	-16.2%	37,578	42,217	10,798	15,546	16	20	312	369
Petroleum Liquids (1000 barrels)	1,555	1,498	3.8%	1,273	1,245	215	205	19	19	48	NM
Petroleum Coke (1000 tons)	297	298	-0.2%	211	212	59	55	0	0	27	30
Natural Gas (1000 Mcf)	691,236	578,188	19.6%	318,449	255,080	323,944	270,394	4,598	4,837	44,245	47,877
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	1,305	1,498	-12.9%	0	0	121	207	71	90	1,113	1,202
Petroleum Liquids (1000 barrels)	250	225	11.3%	0	0	84	88	21	21	145	NM
Petroleum Coke (1000 tons)	103	104	-0.7%	0	0	10	9	1	2	92	93
Natural Gas (1000 Mcf)	75,604	69,916	8.1%	0	0	26,206	24,871	4,112	3,722	45,286	41,322
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	50,009	59,650	-16.2%	37,578	42,217	10,919	15,752	87	109	1,426	1,571
Petroleum Liquids (1000 barrels)	1,804	1,722	4.8%	1,273	1,245	299	293	40	41	193	NM
Petroleum Coke (1000 tons)	400	401	-0.4%	211	212	68	64	2	2	119	124
Natural Gas (1000 Mcf)	766,840	648,104	18.3%	318,449	255,080	350,150	295,265	8,711	8,560	89,531	89,199
Fuel Stocks (end-of-month)											
Coal (1000 tons)	170,949	131,110	30.4%	131,327	102,826	36,866	26,057	273	308	2,483	1,919
Petroleum Liquids (1000 barrels)	30,427	30,741	-1.0%	19,931	20,971	8,380	7,625	609	399	1,508	1,746
Petroleum Coke (1000 tons)	1,087	751	44.8%	776	W	136	W	W	W	W	W

Sales, Revenue, and Average Retail Price for April									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	April 2015	April 2014	Percentage Change	April 2015	April 2014	Percentage Change	April 2015	April 2014	Percentage Change
Residential	89,825	92,186	-2.6%	11,351	11,342	0.1%	12.64	12.30	2.8%
Commercial	104,385	102,833	1.5%	10,777	10,778	0.0%	10.32	10.48	-1.5%
Industrial	77,326	77,227	0.1%	5,068	5,206	-2.6%	6.55	6.74	-2.8%
Transportation	623	641	-2.9%	61	64	-4.3%	9.87	10.02	-1.5%
All Sectors	272,159	272,887	-0.3%	27,257	27,390	-0.5%	10.02	10.04	-0.2%

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 April											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
Net Generation (Thousand Megawatthours)											
Coal	457,305	547,326	-16.4%	346,711	406,977	106,544	135,574	244	335	3,806	4,439
Petroleum Liquids	9,194	10,900	-15.7%	4,633	5,391	4,161	5,049	NM	177	260	283
Petroleum Coke	3,695	4,148	-10.9%	2,736	3,179	544	506	4	3	411	459
Natural Gas	383,747	321,053	19.5%	169,369	136,281	185,072	153,968	2,266	2,337	27,040	28,468
Other Gas	3,973	3,334	19.1%	85	44	1,435	1,060	0	0	2,453	2,231
Nuclear	262,036	254,485	3.0%	137,235	134,609	124,801	119,875	0	0	0	0
Hydroelectric Conventional	94,213	88,357	6.6%	85,549	79,687	7,670	7,646	NM	NM	980	1,008
Renewable Sources Excluding Hydroelectric	96,967	99,441	-2.5%	12,460	12,892	74,000	75,842	1,063	1,029	9,445	9,678
... Wind	63,418	68,477	-7.4%	10,258	10,789	53,093	57,641	45	32	21	16
... Solar Thermal and Photovoltaic	7,595	4,758	59.6%	477	361	6,954	4,267	157	125	7	6
... Wood and Wood-Derived Fuels	13,736	13,916	-1.3%	914	914	3,800	3,770	24	19	8,998	9,213
... Other Biomass	6,651	6,821	-2.5%	467	461	4,929	5,062	836	854	418	444
... Geothermal	5,568	5,469	1.8%	344	368	5,224	5,102	0	0	0	0
Hydroelectric Pumped Storage	-1,510	-1,534	-1.6%	-1,195	-1,235	-315	-299	0	0	0	0
Other Energy Sources	3,969	3,915	1.4%	141	126	2,063	2,125	373	372	1,391	1,292
All Energy Sources	1,313,589	1,331,424	-1.3%	757,726	777,953	505,975	501,345	4,101	4,268	45,787	47,859
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	245,849	290,238	-15.3%	184,297	213,613	60,019	74,852	94	107	1,440	1,666
Petroleum Liquids (1000 barrels)	15,632	18,868	-17.2%	8,387	9,816	6,615	8,357	340	406	290	289
Petroleum Coke (1000 tons)	1,367	1,539	-11.2%	1,023	1,169	233	224	1	1	110	146
Natural Gas (1000 Mcf)	2,850,426	2,438,094	16.9%	1,288,630	1,069,539	1,350,254	1,143,922	19,967	21,006	191,575	203,627
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	5,796	6,579	-11.9%	0	0	633	837	357	433	4,807	5,308
Petroleum Liquids (1000 barrels)	2,138	2,315	-7.7%	0	0	479	488	550	657	1,109	1,171
Petroleum Coke (1000 tons)	477	438	8.9%	0	0	36	32	8	6	433	399
Natural Gas (1000 Mcf)	309,351	299,194	3.4%	0	0	108,829	107,770	18,235	16,729	182,287	174,696
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	251,645	296,817	-15.2%	184,297	213,613	60,651	75,689	451	541	6,247	6,974
Petroleum Liquids (1000 barrels)	17,769	21,183	-16.1%	8,387	9,816	7,094	8,845	890	1,062	1,399	1,459
Petroleum Coke (1000 tons)	1,844	1,977	-6.7%	1,023	1,169	269	256	9	7	543	545
Natural Gas (1000 Mcf)	3,159,777	2,737,288	15.4%	1,288,630	1,069,539	1,459,083	1,251,692	38,202	37,734	373,862	378,323

Sales, Revenue, and Average Retail Price for January through April									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	Percentage Change
Residential	467,262	480,521	-2.8%	57,546	57,605	-0.1%	12.32	11.99	2.8%
Commercial	429,172	428,744	0.1%	44,862	45,169	-0.7%	10.45	10.54	-0.9%
Industrial	305,114	304,227	0.3%	20,467	21,073	-2.9%	6.71	6.93	-3.2%
Transportation	2,628	2,724	-3.5%	274	278	-1.4%	10.42	10.20	2.2%
All Sectors	1,204,176	1,216,217	-1.0%	123,149	124,126	-0.8%	10.23	10.21	0.2%

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	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
Coal (1000 tons)	60,030	66,626	43.68	47.21	307	340	255,877	265,698	43.86	45.76
Petroleum Liquids (1000 barrels)	1,522	1,480	79.56	131.19	160	184	9,639	12,773	76.87	131.46
Petroleum Coke (1000 tons)	392	449	56.16	59.89	12	13	1,552	1,613	55.67	56.49
Natural Gas (1000 Mcf)	691,566	577,655	3.20	5.20	727	701	2,817,778	2,431,969	3.97	6.57

Electric Utilities										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
Coal (1000 tons)	45,572	47,782	44.61	48.20	216	237	192,061	189,516	44.44	46.49
Petroleum Liquids (1000 barrels)	1,091	1,101	80.65	132.38	107	122	5,650	6,639	74.17	131.24
Petroleum Coke (1000 tons)	313	394	55.11	58.69	8	9	1,300	1,411	53.72	55.55
Natural Gas (1000 Mcf)	308,799	250,788	3.59	5.46	375	360	1,230,914	1,046,642	4.13	6.26

Independent Power Producers										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
Coal (1000 tons)	13,797	18,077	39.58	43.56	70	79	60,973	73,087	41.04	42.91
Petroleum Liquids (1000 barrels)	389	360	75.92	128.91	46	53	3,592	6,002	80.73	131.95
Petroleum Coke (1000 tons)	54	37	W	W	2	2	159	149	65.65	W
Natural Gas (1000 Mcf)	328,604	271,880	2.78	5.00	305	298	1,363,535	1,151,481	3.95	7.27

Commercial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
Coal (1000 tons)	13	15	W	W	2	2	43	70	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)	412	435	W	W	2	2	1,695	1,476	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	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
Coal (1000 tons)	649	751	W	W	19	22	2,800	3,025	W	W
Petroleum Liquids (1000 barrels)	41	19	78.37	105.64	7	9	397	132	83.49	121.15
Petroleum Coke (1000 tons)	25	18	W	W	2	2	92	52	W	W
Natural Gas (1000 Mcf)	53,751	54,553	W	W	45	41	221,634	232,370	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	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
Coal	1,165,784	1,316,053	2.25	2.39	307	340	4,959,367	5,181,225	2.26	2.35
Petroleum Liquids	9,163	8,946	13.18	21.71	160	184	58,393	77,039	12.67	21.77
Petroleum Coke	11,059	12,734	1.99	2.11	12	13	43,950	45,650	1.97	1.99
Natural Gas	715,158	593,040	3.10	5.07	727	701	2,910,719	2,495,882	3.85	6.41
Fossil Fuels	1,901,164	1,930,773	2.59	3.24	924	914	7,972,429	7,799,796	2.87	3.75

Electric Utilities										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
Coal	891,906	953,528	2.28	2.41	216	237	3,751,957	3,733,593	2.27	2.36
Petroleum Liquids	6,628	6,706	13.28	21.74	107	122	34,401	40,149	12.18	21.70
Petroleum Coke	8,845	11,184	1.95	2.07	8	9	36,921	40,054	1.89	1.96
Natural Gas	318,786	256,911	3.48	5.33	375	360	1,269,861	1,071,393	4.01	6.11
Fossil Fuels	1,226,165	1,228,329	2.65	3.12	513	504	5,093,140	4,885,190	2.77	3.33

Independent Power Producers										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
Coal	258,855	345,380	2.11	2.28	70	79	1,142,587	1,377,803	2.19	2.28
Petroleum Liquids	2,289	2,123	12.86	21.86	46	53	21,575	36,073	13.41	21.92
Petroleum Coke	1,501	1,047	W	W	2	2	4,447	4,135	2.35	W
Natural Gas	340,438	279,495	2.69	4.86	305	298	1,410,119	1,183,419	3.82	7.07
Fossil Fuels	603,083	628,045	W	W	361	363	2,578,727	2,601,430	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	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
Coal	298	364	W	W	2	2	993	1,623	W	W
Petroleum Liquids	0	0	--	--	0	0	0	0	--	--
Petroleum Coke	0	0	--	--	0	0	0	0	--	--
Natural Gas	419	439	W	W	2	2	1,721	1,493	W	W
Fossil Fuels	718	803	W	W	2	2	2,714	3,116	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	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
Coal	14,725	16,782	W	W	19	22	63,830	68,206	W	W
Petroleum Liquids	247	118	13.17	16.98	7	9	2,418	816	13.71	19.61
Petroleum Coke	712	503	W	W	2	2	2,582	1,460	W	W
Natural Gas	55,515	56,195	W	W	45	41	229,017	239,578	W	W
Fossil Fuels	71,199	73,597	W	W	48	45	297,847	310,059	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-April 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
March	108,642	1,082	734	98,889	951	64,547	24,696	24,106	-358	959	324,248
April	88,835	922	806	92,516	915	59,757	22,468	26,584	-208	1,030	293,627
Year to Date											
2013	504,120	4,848	3,806	331,604	4,202	252,603	90,878	88,620	-1,539	4,285	1,283,427
2014	547,326	10,900	4,148	321,053	3,334	254,485	88,357	99,441	-1,534	3,915	1,331,424
2015	457,305	9,194	3,695	383,747	3,973	262,036	94,213	96,967	-1,510	3,969	1,313,589
Rolling 12 Months Ending in April											
2014	1,624,320	19,872	13,685	1,114,285	11,986	790,898	266,044	264,330	-4,676	13,217	4,113,961
2015	1,495,676	17,002	11,328	1,184,621	12,216	804,619	264,605	278,586	-6,184	12,630	4,075,099

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-April 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
March	15,361	1,934	287	3,437	841	549	251	1,447	24,696	48,802
April	17,835	2,194	374	3,168	869	586	215	1,344	22,468	49,052
Year to Date										
2013	62,046	1,806	222	12,646	3,417	2,263	948	5,270	90,878	179,498
2014	68,477	4,211	547	13,916	3,524	2,323	974	5,469	88,357	187,798
2015	63,418	6,711	884	13,736	3,421	2,256	974	5,568	94,213	191,180
Rolling 12-Month Ending in April										
2014	174,271	10,526	1,239	41,298	10,765	7,246	3,012	15,974	266,044	530,374
2015	176,732	18,374	2,784	42,869	10,864	7,320	2,915	16,727	264,605	543,191

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-April 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
March	82,595	702	502	43,729	20	33,328	22,434	3,190	-266	20	186,254
April	69,263	711	561	41,343	20	31,053	19,924	3,258	-146	39	166,025
Year to Date											
2013	376,947	3,240	2,577	147,333	231	128,309	81,881	11,569	-1,288	188	750,988
2014	406,977	5,391	3,179	136,281	44	134,609	79,687	12,892	-1,235	126	777,953
2015	346,711	4,633	2,736	169,369	85	137,235	85,549	12,460	-1,195	141	757,726
Rolling 12 Months Ending in April											
2014	1,218,482	11,597	10,124	490,375	611	412,415	240,846	33,739	-3,721	554	2,415,023
2015	1,139,720	10,376	8,615	510,505	133	422,399	240,649	33,927	-5,138	487	2,361,674

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 1.3. Net Generation by Energy Source: Independent Power Producers, 2005-April 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
March	24,966	306	143	47,919	380	31,218	2,007	18,285	-92	497	125,629
April	18,708	165	140	44,407	324	28,705	2,299	20,753	-62	521	115,960
Year to Date											
2013	122,744	1,373	576	153,417	1,119	124,295	7,741	66,748	-251	2,144	479,906
2014	135,574	5,049	506	153,968	1,060	119,875	7,646	75,842	-299	2,125	501,345
2015	106,544	4,161	544	185,072	1,435	124,801	7,670	74,000	-315	2,063	505,975
Rolling 12 Months Ending in April											
2014	392,100	7,437	1,710	528,072	3,465	378,483	21,923	198,138	-956	6,722	1,537,095
2015	342,852	5,844	1,446	583,081	4,227	382,220	21,245	212,149	-1,046	6,679	1,558,698

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-April 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
March	66	12	1	605	0	0	NM	281	0	95	1,064
April	48	8	1	523	0	0	NM	280	0	100	963
Year to Date											
2013	310	47	2	2,189	0	0	17	900	0	345	3,810
2014	335	177	3	2,337	0	0	NM	1,029	0	372	4,268
2015	244	NM	4	2,266	0	0	NM	1,063	0	373	4,101
Rolling 12 Months Ending in April											
2014	863	NM	6	7,302	0	0	NM	3,085	0	1,145	12,692
2015	659	NM	10	7,155	0	0	NM	3,251	0	1,213	12,539

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-April 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
March	1,015	62	89	6,635	551	0	252	2,351	0	347	11,302
April	817	38	105	6,243	571	0	242	2,293	0	371	10,679
Year to Date											
2013	4,119	187	651	28,664	2,852	0	1,239	9,402	0	1,608	48,722
2014	4,439	283	459	28,468	2,231	0	1,008	9,678	0	1,292	47,859
2015	3,806	260	411	27,040	2,453	0	980	9,445	0	1,391	45,787
Rolling 12 Months Ending in April											
2014	12,874	NM	1,845	88,536	7,909	0	3,232	29,367	0	4,796	149,151
2015	12,445	571	1,257	83,879	7,856	0	2,670	29,259	0	4,251	142,189

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, April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	8,137	8,056	1.0%	164	216	7,613	7,433	90	97	270	311
Connecticut	2,826	2,407	17.4%	NM	NM	2,765	2,332	NM	28	NM	44
Maine	886	999	-11.3%	NM	NM	647	727	19	20	220	252
Massachusetts	2,176	2,567	-15.2%	39	54	2,084	2,461	38	40	NM	NM
New Hampshire	1,729	994	73.9%	50	91	1,672	895	NM	NM	NM	NM
Rhode Island	345	493	-30.0%	1	1	339	489	NM	NM	0	0
Vermont	176	597	-70.5%	70	68	105	529	NM	NM	0	0
Middle Atlantic	30,473	31,172	-2.2%	2,491	2,564	27,489	28,093	178	172	316	343
New Jersey	4,924	4,427	11.2%	3	-4	4,827	4,332	57	51	NM	48
New York	10,129	9,679	4.6%	2,271	2,352	7,698	7,162	91	90	69	74
Pennsylvania	15,420	17,066	-9.6%	217	215	14,963	16,599	30	31	210	221
East North Central	43,239	44,818	-3.5%	21,249	22,875	21,083	21,028	162	160	745	755
Illinois	14,465	15,292	-5.4%	663	585	13,574	14,441	47	55	180	211
Indiana	7,479	8,194	-8.7%	6,178	7,086	1,056	863	NM	17	232	228
Michigan	8,492	7,552	12.5%	6,261	5,684	2,044	1,690	78	67	109	110
Ohio	8,054	9,687	-16.9%	5,021	6,474	2,952	3,130	NM	NM	68	69
Wisconsin	4,749	4,094	16.0%	3,126	3,046	1,457	904	NM	NM	156	138
West North Central	23,882	24,192	-1.3%	19,503	19,728	4,033	4,094	46	45	300	325
Iowa	4,402	4,201	4.8%	3,171	2,802	1,073	1,222	15	16	143	160
Kansas	3,268	3,387	-3.5%	2,339	2,332	919	1,049	0	0	NM	NM
Minnesota	3,804	4,096	-7.1%	2,838	3,114	843	853	16	NM	108	116
Missouri	5,669	5,905	-4.0%	5,350	5,723	302	164	15	14	NM	NM
Nebraska	2,939	2,815	4.4%	2,646	2,582	265	203	NM	NM	27	29
North Dakota	2,999	2,739	9.5%	2,583	2,337	405	392	NM	NM	NM	NM
South Dakota	802	1,050	-23.6%	577	838	226	212	NM	NM	0	0
South Atlantic	57,170	56,453	1.3%	47,256	45,834	8,338	9,038	105	103	1,471	1,477
Delaware	767	503	52.4%	NM	NM	658	467	NM	NM	105	33
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	19,133	18,106	5.7%	17,612	16,636	1,088	1,040	NM	NM	428	426
Georgia	9,687	8,597	12.7%	8,398	7,579	927	639	NM	2	359	377
Maryland	2,679	3,048	-12.1%	3	2	2,618	2,981	NM	34	23	31
North Carolina	8,188	8,245	-0.7%	7,395	7,195	619	869	20	16	154	165
South Carolina	7,458	7,253	2.8%	7,199	6,980	127	98	NM	NM	130	174
Virginia	4,887	5,109	-4.4%	3,822	3,958	838	920	36	39	190	193
West Virginia	4,367	5,586	-21.8%	2,823	3,482	1,463	2,025	0	0	81	78
East South Central	25,345	26,081	-2.8%	21,046	23,104	3,416	2,103	NM	NM	871	856
Alabama	10,307	10,825	-4.8%	7,394	9,002	2,566	1,470	0	0	347	353
Kentucky	5,351	6,589	-18.8%	5,296	6,532	7	7	0	0	48	50
Mississippi	4,230	3,140	34.7%	3,159	2,292	820	611	NM	NM	249	235
Tennessee	5,458	5,528	-1.3%	5,197	5,278	22	15	NM	NM	227	219
West South Central	49,142	48,810	0.7%	15,985	16,340	27,887	26,828	79	75	5,191	5,566
Arkansas	4,338	4,713	-8.0%	2,906	3,452	1,281	1,109	NM	NM	151	152
Louisiana	7,765	7,204	7.8%	4,367	3,093	1,549	1,931	NM	NM	1,836	2,165
Oklahoma	5,342	5,402	-1.1%	3,183	3,252	2,105	2,082	NM	NM	52	67
Texas	31,697	31,491	0.7%	5,530	6,543	22,953	21,707	63	59	3,152	3,182
Mountain	27,315	27,057	1.0%	21,037	20,817	6,014	5,970	35	39	228	232
Arizona	7,342	7,215	1.8%	6,165	6,253	1,165	950	NM	13	0	0
Colorado	3,812	4,062	-6.2%	2,935	2,889	869	1,164	NM	NM	NM	NM
Idaho	1,329	1,485	-10.5%	890	1,036	394	406	0	0	44	42
Montana	2,365	2,692	-12.1%	714	1,134	1,650	1,557	0	0	NM	NM
Nevada	3,088	2,623	17.7%	2,098	1,720	978	886	NM	9	3	NM
New Mexico	2,630	2,686	-2.1%	2,018	2,080	607	599	NM	NM	NM	NM
Utah	2,917	2,619	11.4%	2,705	2,386	144	136	NM	7	62	89
Wyoming	3,832	3,676	4.2%	3,511	3,317	205	271	0	0	115	88
Pacific Contiguous	27,612	29,768	-7.2%	16,378	18,138	9,780	10,000	201	232	1,253	1,398
California	14,534	15,231	-4.6%	5,227	5,432	8,027	8,350	192	225	1,088	1,225
Oregon	4,555	4,600	-1.0%	3,169	3,592	1,330	950	NM	NM	49	52
Washington	8,523	9,937	-14.2%	7,982	9,114	422	700	NM	NM	117	121
Pacific Noncontiguous	1,310	1,245	5.3%	917	809	308	354	52	52	33	30
Alaska	530	484	9.5%	482	439	NM	19	21	21	NM	NM
Hawaii	781	760	2.6%	435	370	290	335	31	32	25	24
U.S. Total	293,627	297,653	-1.4%	166,025	170,426	115,960	114,941	963	992	10,679	11,294

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 April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	36,344	36,594	-0.7%	1,685	1,966	32,951	32,749	460	484	1,248	1,395
Connecticut	12,687	11,297	12.3%	NM	21	12,388	10,970	114	115	170	190
Maine	4,594	4,627	-0.7%	NM	NM	3,515	3,416	74	77	1,005	1,133
Massachusetts	9,273	10,556	-12.2%	193	303	8,815	9,973	203	222	NM	59
New Hampshire	7,573	6,157	23.0%	1,150	1,310	6,379	4,797	NM	NM	NM	NM
Rhode Island	1,494	1,476	1.2%	4	3	1,457	1,442	NM	NM	0	0
Vermont	723	2,482	-70.9%	325	329	396	2,151	NM	NM	0	0
Middle Atlantic	141,114	141,419	-0.2%	11,117	11,274	127,782	127,905	740	726	1,476	1,513
New Jersey	23,027	21,803	5.6%	-15	-44	22,623	21,434	219	193	201	220
New York	44,175	44,519	-0.8%	10,681	10,783	32,758	32,980	407	416	329	339
Pennsylvania	73,912	75,097	-1.6%	451	535	72,401	73,491	115	116	946	954
East North Central	204,903	210,763	-2.8%	104,577	112,649	96,338	94,186	686	692	3,302	3,237
Illinois	64,596	68,006	-5.0%	3,220	3,578	60,305	63,300	224	236	847	892
Indiana	36,263	40,829	-11.2%	30,808	36,103	4,398	3,759	69	74	988	893
Michigan	37,608	34,506	9.0%	27,721	27,021	9,113	6,699	285	282	489	504
Ohio	44,329	47,254	-6.2%	27,782	30,972	16,179	15,914	NM	59	309	309
Wisconsin	22,107	20,168	9.6%	15,046	14,974	6,344	4,514	48	41	669	639
West North Central	109,632	114,144	-4.0%	92,745	96,510	15,216	15,858	205	211	1,465	1,565
Iowa	20,338	19,979	1.8%	15,083	14,343	4,453	4,762	78	90	723	783
Kansas	14,007	16,027	-12.6%	10,672	12,255	3,294	3,749	0	0	NM	24
Minnesota	18,708	19,142	-2.3%	14,901	15,115	3,241	3,431	69	63	497	533
Missouri	27,835	29,780	-6.5%	27,020	29,115	744	586	51	52	NM	26
Nebraska	12,665	13,044	-2.9%	11,435	12,148	1,093	749	NM	6	130	141
North Dakota	12,720	12,575	1.2%	11,121	10,800	1,543	1,717	NM	NM	55	58
South Dakota	3,360	3,597	-6.6%	2,513	2,733	847	864	NM	NM	0	0
South Atlantic	254,358	257,072	-1.1%	208,518	209,579	39,376	40,823	468	452	5,995	6,219
Delaware	2,399	2,227	7.7%	NM	NM	2,004	2,002	NM	NM	381	212
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	72,409	70,176	3.2%	66,861	64,701	3,846	3,789	28	21	1,674	1,665
Georgia	40,576	39,279	3.3%	34,447	35,249	4,641	2,445	10	10	1,478	1,576
Maryland	12,075	14,249	-15.3%	NM	NM	11,764	13,907	183	183	116	143
North Carolina	41,909	42,634	-1.7%	36,856	37,908	4,294	3,860	84	75	675	792
South Carolina	31,689	32,635	-2.9%	30,693	31,626	431	318	NM	NM	560	689
Virginia	27,045	26,977	0.3%	22,045	21,673	4,149	4,415	135	138	716	752
West Virginia	26,235	28,875	-9.1%	17,591	18,396	8,248	10,088	0	0	396	391
East South Central	123,765	122,835	0.8%	103,317	107,827	16,825	11,267	NM	72	3,553	3,669
Alabama	47,658	48,093	-0.9%	33,854	38,226	12,414	8,404	0	0	1,390	1,463
Kentucky	28,845	31,805	-9.3%	28,586	31,490	53	107	0	0	206	208
Mississippi	20,980	15,439	35.9%	15,690	11,752	4,283	2,701	NM	NM	1,001	979
Tennessee	26,282	27,498	-4.4%	25,186	26,359	75	54	NM	65	956	1,019
West South Central	211,502	210,440	0.5%	70,105	76,289	118,381	110,555	322	299	22,694	23,297
Arkansas	18,571	20,953	-11.4%	12,187	15,920	5,738	4,418	NM	NM	644	612
Louisiana	33,194	32,622	1.8%	17,826	15,135	6,833	8,213	62	63	8,474	9,211
Oklahoma	23,699	23,236	2.0%	15,690	16,275	7,786	6,695	NM	NM	215	263
Texas	136,038	133,629	1.8%	24,402	28,960	98,024	91,229	250	230	13,361	13,211
Mountain	112,142	115,551	-3.0%	87,755	90,034	23,419	24,406	126	155	843	956
Arizona	30,070	31,842	-5.6%	26,404	27,981	3,625	3,810	40	51	0	0
Colorado	16,788	17,745	-5.4%	12,734	13,275	4,029	4,437	NM	15	15	18
Idaho	5,072	5,359	-5.4%	3,432	3,468	1,476	1,720	0	0	165	172
Montana	9,865	9,673	2.0%	2,513	2,644	7,348	7,025	0	0	NM	NM
Nevada	11,174	10,480	6.6%	7,799	7,032	3,324	3,362	34	34	NM	53
New Mexico	9,812	10,346	-5.2%	7,732	8,189	2,062	2,128	NM	28	NM	NM
Utah	13,146	13,066	0.6%	12,430	12,191	524	573	NM	28	169	273
Wyoming	16,215	17,039	-4.8%	14,711	15,254	1,030	1,351	0	0	474	434
Pacific Contiguous	114,492	117,157	-2.3%	74,233	68,133	34,415	42,266	812	955	5,031	5,802
California	54,846	59,047	-7.1%	21,234	19,692	28,448	33,325	773	916	4,391	5,114
Oregon	20,330	20,590	-1.3%	16,116	15,635	3,985	4,706	NM	30	201	218
Washington	39,315	37,520	4.8%	36,883	32,806	1,983	4,235	NM	NM	439	470
Pacific Noncontiguous	5,336	5,450	-2.1%	3,675	3,692	1,272	1,330	210	222	179	206
Alaska	2,168	2,126	2.0%	1,966	1,909	80	82	89	101	34	34
Hawaii	3,168	3,324	-4.7%	1,709	1,783	1,192	1,248	121	121	146	171
U.S. Total	1,313,589	1,331,424	-1.3%	757,726	777,953	505,975	501,345	4,101	4,268	45,787	47,859

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, April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	40	363	-89.1%	3	48	35	313	0	0	NM	NM
Connecticut	2	34	-95.5%	0	0	2	34	0	0	0	0
Maine	5	8	-39.9%	0	0	5	7	0	0	0	1
Massachusetts	31	274	-88.8%	0	0	29	272	0	0	NM	NM
New Hampshire	3	48	-94.8%	3	48	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	4,552	7,537	-39.6%	NM	NM	4,489	7,468	NM	NM	61	65
New Jersey	61	104	-41.2%	0	0	61	104	0	0	0	0
New York	66	405	-83.8%	NM	NM	41	380	0	0	23	22
Pennsylvania	4,425	7,029	-37.0%	0	0	4,386	6,985	NM	NM	38	43
East North Central	21,983	25,736	-14.6%	16,562	18,395	5,198	7,077	13	23	210	242
Illinois	4,767	6,478	-26.4%	631	574	4,014	5,762	6	NM	116	140
Indiana	5,494	6,838	-19.7%	5,066	6,477	426	351	NM	9	NM	NM
Michigan	4,209	3,197	31.7%	4,159	3,138	31	34	7	10	NM	15
Ohio	5,010	6,757	-25.9%	4,265	5,807	727	931	0	NM	18	19
Wisconsin	2,503	2,465	1.5%	2,441	2,399	0	0	0	NM	62	66
West North Central	14,054	13,913	1.0%	13,823	13,650	NM	NM	11	16	217	245
Iowa	2,168	1,849	17.2%	2,029	1,688	0	0	NM	NM	132	152
Kansas	2,160	2,123	1.7%	2,160	2,123	0	0	0	0	0	0
Minnesota	1,509	1,597	-5.5%	1,458	1,542	0	0	0	0	51	55
Missouri	4,244	4,643	-8.6%	4,236	4,631	NM	NM	5	7	2	NM
Nebraska	1,839	1,504	22.3%	1,813	1,476	0	0	0	0	26	28
North Dakota	2,135	1,957	9.1%	2,128	1,950	0	0	0	0	NM	NM
South Dakota	0	240	-100.0%	0	240	0	0	0	0	0	0
South Atlantic	14,456	18,877	-23.4%	12,203	15,224	2,152	3,480	4	NM	97	171
Delaware	0	91	-100.0%	0	0	0	91	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,293	3,601	-8.5%	3,188	3,500	97	86	0	0	NM	NM
Georgia	2,896	3,005	-3.6%	2,879	2,963	0	0	0	0	17	41
Maryland	737	1,253	-41.2%	0	0	725	1,238	NM	NM	12	14
North Carolina	1,769	2,609	-32.2%	1,693	2,456	64	133	3	0	NM	20
South Carolina	1,209	2,085	-42.0%	1,199	2,072	0	0	0	0	10	13
Virginia	560	934	-40.1%	474	805	NM	80	NM	NM	28	48
West Virginia	3,991	5,300	-24.7%	2,770	3,428	1,207	1,853	0	0	14	19
East South Central	9,708	12,727	-23.7%	9,314	12,395	297	219	NM	NM	94	110
Alabama	2,685	3,236	-17.0%	2,674	3,228	0	0	0	0	11	NM
Kentucky	4,544	5,934	-23.4%	4,544	5,934	0	0	0	0	0	0
Mississippi	486	608	-20.0%	189	388	297	219	0	0	0	0
Tennessee	1,993	2,949	-32.4%	1,909	2,845	0	0	NM	NM	83	103
West South Central	10,741	16,306	-34.1%	5,448	7,951	5,270	8,317	0	0	NM	38
Arkansas	1,283	2,369	-45.8%	972	1,908	307	456	0	0	4	5
Louisiana	614	1,263	-51.4%	187	305	427	958	0	0	0	0
Oklahoma	1,620	1,957	-17.2%	1,542	1,797	60	127	0	0	NM	33
Texas	7,224	10,717	-32.6%	2,747	3,941	4,477	6,776	0	0	0	0
Mountain	13,157	13,697	-3.9%	11,902	12,473	1,177	1,142	0	0	78	82
Arizona	2,532	3,044	-16.8%	2,532	3,044	0	0	0	0	0	0
Colorado	2,260	2,446	-7.6%	2,256	2,437	NM	NM	0	0	NM	NM
Idaho	NM	NM	NM	0	0	0	0	0	0	NM	NM
Montana	1,108	996	11.3%	NM	NM	1,087	977	0	0	NM	NM
Nevada	104	474	-78.0%	97	385	8	88	0	0	0	0
New Mexico	1,589	1,679	-5.4%	1,589	1,679	0	0	0	0	0	0
Utah	2,183	1,933	12.9%	2,118	1,863	NM	NM	0	0	37	42
Wyoming	3,374	3,120	8.2%	3,291	3,047	NM	NM	0	0	34	33
Pacific Contiguous	36	265	-86.4%	0	16	NM	230	0	0	32	19
California	33	57	-43.4%	0	0	NM	43	0	0	28	15
Oregon	0	16	-100.0%	0	16	0	0	0	0	0	0
Washington	3	192	-98.2%	0	0	0	188	0	0	3	4
Pacific Noncontiguous	108	169	-35.9%	6	17	83	133	17	16	NM	NM
Alaska	37	46	-20.1%	6	17	NM	14	17	16	0	0
Hawaii	71	123	-41.8%	0	0	69	119	0	0	NM	NM
U.S. Total	88,835	109,591	-18.9%	69,263	80,172	18,708	28,382	48	60	817	978

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 April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	3,000	3,890	-22.9%	835	983	2,133	2,878	0	0	32	29
Connecticut	588	658	-10.7%	0	0	588	658	0	0	0	0
Maine	55	48	15.4%	0	0	33	29	0	0	22	18
Massachusetts	1,522	2,201	-30.9%	0	0	1,512	2,191	0	0	NM	NM
New Hampshire	835	983	-15.0%	835	983	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	27,985	35,754	-21.7%	NM	NM	27,683	35,423	NM	NM	288	310
New Jersey	925	1,277	-27.5%	0	0	925	1,277	0	0	0	0
New York	1,199	2,788	-57.0%	NM	NM	1,087	2,668	0	0	104	107
Pennsylvania	25,860	31,690	-18.4%	0	0	25,671	31,479	NM	NM	185	203
East North Central	110,904	129,150	-14.1%	81,189	94,252	28,660	33,677	59	116	996	1,105
Illinois	25,962	30,387	-14.6%	3,097	3,505	22,292	26,265	20	22	552	595
Indiana	27,074	34,452	-21.4%	25,328	32,737	1,728	1,666	12	41	NM	NM
Michigan	17,184	17,607	-2.4%	16,946	17,309	136	148	25	50	77	100
Ohio	28,440	33,679	-15.6%	23,855	27,989	4,503	5,597	NM	NM	81	91
Wisconsin	12,245	13,025	-6.0%	11,963	12,712	0	0	NM	NM	281	311
West North Central	67,462	72,632	-7.1%	66,297	71,319	NM	NM	70	94	1,085	1,209
Iowa	11,007	10,982	0.2%	10,299	10,190	0	0	43	59	665	733
Kansas	8,311	9,553	-13.0%	8,311	9,553	0	0	0	0	0	0
Minnesota	8,530	9,203	-7.3%	8,282	8,924	0	0	0	0	248	279
Missouri	22,236	24,390	-8.8%	22,185	24,322	NM	NM	26	35	NM	23
Nebraska	7,446	8,142	-8.5%	7,320	8,003	0	0	0	0	126	139
North Dakota	9,409	9,375	0.4%	9,377	9,340	0	0	0	0	32	34
South Dakota	523	988	-47.1%	523	988	0	0	0	0	0	0
South Atlantic	83,361	103,464	-19.4%	68,971	83,720	13,824	18,923	33	24	533	797
Delaware	358	599	-40.2%	0	0	358	599	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	12,669	16,366	-22.6%	12,535	16,071	98	232	0	0	NM	63
Georgia	12,211	15,910	-23.2%	12,130	15,724	0	0	0	0	81	186
Maryland	5,428	7,800	-30.4%	0	0	5,370	7,727	NM	NM	57	71
North Carolina	14,085	18,327	-23.1%	13,757	17,725	262	504	29	20	NM	78
South Carolina	7,832	9,452	-17.1%	7,784	9,382	0	0	0	0	48	70
Virginia	5,937	7,599	-21.9%	5,417	6,800	398	626	NM	NM	121	172
West Virginia	24,840	27,410	-9.4%	17,348	18,018	7,339	9,235	0	0	154	157
East South Central	50,553	60,731	-16.8%	49,016	59,486	1,143	774	NM	NM	386	462
Alabama	11,739	15,490	-24.2%	11,691	15,439	0	0	0	0	48	51
Kentucky	25,541	28,612	-10.7%	25,541	28,612	0	0	0	0	0	0
Mississippi	2,361	3,352	-29.6%	1,218	2,578	1,143	774	0	0	0	0
Tennessee	10,912	13,276	-17.8%	10,565	12,856	0	0	NM	NM	339	411
West South Central	55,204	74,690	-26.1%	28,546	39,429	26,565	35,116	0	0	93	145
Arkansas	6,628	11,336	-41.5%	5,375	9,532	1,233	1,781	0	0	20	24
Louisiana	5,242	6,077	-13.7%	2,479	2,043	2,763	4,033	0	0	0	0
Oklahoma	8,143	9,653	-15.6%	7,680	9,057	389	475	0	0	NM	121
Texas	35,192	47,624	-26.1%	13,012	18,797	22,180	28,828	0	0	0	0
Mountain	57,505	62,854	-8.5%	51,765	56,734	5,482	5,859	0	0	258	262
Arizona	10,757	13,235	-18.7%	10,757	13,235	0	0	0	0	0	0
Colorado	10,494	10,952	-4.2%	10,476	10,920	NM	NM	0	0	NM	NM
Idaho	30	32	-6.3%	0	0	0	0	0	0	30	32
Montana	5,009	5,039	-0.6%	NM	NM	4,916	4,940	0	0	NM	NM
Nevada	642	2,414	-73.4%	431	1,867	211	547	0	0	0	0
New Mexico	5,974	6,542	-8.7%	5,974	6,542	0	0	0	0	0	0
Utah	10,406	10,078	3.3%	10,207	9,874	123	128	0	0	76	76
Wyoming	14,194	14,562	-2.5%	13,829	14,201	NM	212	0	0	148	148
Pacific Contiguous	719	3,489	-79.4%	26	975	568	2,404	0	0	125	109
California	127	197	-35.4%	0	0	NM	103	0	0	114	94
Oregon	26	975	-97.4%	26	975	0	0	0	0	0	0
Washington	566	2,317	-75.6%	0	0	554	2,302	0	0	11	15
Pacific Noncontiguous	612	673	-9.0%	58	68	476	510	69	82	NM	NM
Alaska	189	212	-10.8%	58	68	62	62	69	82	0	0
Hawaii	423	460	-8.1%	0	0	414	447	0	0	NM	NM
U.S. Total	457,305	547,326	-16.4%	346,711	406,977	106,544	135,574	244	335	3,806	4,439

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, April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	17	13	30.1%	3	2	10	5	4	5	NM	NM
Connecticut	6	0	NM	NM	NM	5	0	NM	NM	NM	NM
Maine	NM	2	NM	NM	NM	0	1	NM	NM	NM	1
Massachusetts	7	8	-10.6%	NM	NM	4	4	3	4	NM	NM
New Hampshire	2	2	6.9%	1	1	NM	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	1	1	0	0	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	31	22	40.9%	3	5	18	14	1	2	9	NM
New Jersey	2	1	162.0%	NM	NM	2	1	NM	NM	NM	NM
New York	14	11	32.7%	3	5	NM	3	1	2	9	0
Pennsylvania	15	11	40.5%	NM	NM	14	10	NM	NM	NM	NM
East North Central	39	52	-24.3%	32	44	5	5	NM	NM	2	2
Illinois	4	6	-28.9%	1	1	3	5	NM	NM	0	0
Indiana	10	15	-33.1%	9	13	0	0	NM	NM	1	1
Michigan	13	10	38.4%	13	9	NM	0	0	0	NM	0
Ohio	10	20	-48.3%	8	20	2	1	NM	NM	NM	NM
Wisconsin	2	1	9.2%	1	1	NM	NM	NM	NM	NM	NM
West North Central	18	17	5.5%	17	16	NM	NM	NM	NM	NM	NM
Iowa	3	2	6.0%	2	2	NM	NM	NM	NM	NM	NM
Kansas	6	4	54.4%	6	4	0	0	0	0	0	0
Minnesota	NM	3	NM	1	3	NM	NM	NM	NM	NM	NM
Missouri	4	4	-3.8%	4	4	0	0	NM	NM	0	0
Nebraska	2	2	-12.1%	2	2	0	0	0	0	0	0
North Dakota	1	1	15.2%	1	1	0	0	NM	NM	NM	NM
South Dakota	0	NM	NM	0	NM	NM	NM	NM	NM	0	0
South Atlantic	97	199	-51.0%	79	175	7	15	NM	NM	10	NM
Delaware	NM	1	NM	NM	NM	NM	1	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	48	140	-65.7%	46	137	NM	NM	0	0	NM	NM
Georgia	9	NM	NM	6	4	NM	NM	NM	NM	NM	NM
Maryland	9	9	-1.9%	2	1	6	7	NM	NM	NM	NM
North Carolina	8	NM	NM	6	8	NM	NM	NM	NM	NM	NM
South Carolina	12	NM	NM	8	7	NM	NM	NM	NM	4	1
Virginia	8	NM	NM	5	7	2	4	NM	NM	NM	NM
West Virginia	7	10	-31.7%	7	10	0	0	0	0	0	0
East South Central	25	27	-9.4%	22	24	NM	NM	NM	NM	NM	NM
Alabama	5	NM	NM	3	9	NM	NM	0	0	NM	NM
Kentucky	7	7	-1.9%	7	7	0	0	0	0	0	0
Mississippi	3	2	65.4%	3	2	0	0	0	0	0	0
Tennessee	9	6	46.1%	9	6	0	0	NM	NM	NM	NM
West South Central	44	14	207.4%	36	7	6	7	NM	NM	NM	NM
Arkansas	8	2	223.3%	5	2	1	0	0	0	1	0
Louisiana	28	6	378.1%	27	2	0	3	0	0	0	1
Oklahoma	NM	NM	NM	NM	1	0	0	NM	0	NM	NM
Texas	8	NM	NM	4	1	4	3	NM	NM	NM	NM
Mountain	23	22	6.6%	21	20	2	2	NM	NM	NM	NM
Arizona	6	4	40.7%	6	4	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	1	2	-37.7%	NM	NM	1	2	0	0	0	0
Nevada	1	1	-49.8%	0	1	0	0	0	0	0	0
New Mexico	10	8	28.1%	10	8	NM	NM	0	0	NM	NM
Utah	3	4	-20.1%	3	4	NM	NM	0	0	NM	NM
Wyoming	2	2	-12.7%	2	2	0	0	0	0	NM	NM
Pacific Contiguous	6	4	54.0%	3	3	NM	NM	NM	NM	NM	NM
California	5	3	84.9%	2	2	NM	NM	NM	NM	NM	NM
Oregon	NM	NM	NM	0	0	0	0	NM	NM	0	0
Washington	NM	1	NM	NM	NM	NM	NM	NM	NM	NM	NM
Pacific Noncontiguous	622	540	15.1%	494	420	114	114	1	NM	12	6
Alaska	69	56	24.4%	65	53	0	0	NM	NM	4	3
Hawaii	553	484	14.0%	429	368	114	114	0	0	8	NM
U.S. Total	922	910	1.3%	711	715	165	163	8	9	38	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 1.8.B. Net Generation from Petroleum Liquids

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	1,895	2,031	-6.7%	156	241	1,624	1,651	NM	NM	NM	NM
Connecticut	399	467	-14.5%	NM	NM	394	456	NM	NM	NM	NM
Maine	490	280	74.9%	NM	NM	457	246	NM	NM	NM	31
Massachusetts	736	910	-19.2%	49	124	641	727	NM	NM	NM	NM
New Hampshire	167	282	-41.0%	98	101	52	162	NM	NM	NM	NM
Rhode Island	100	81	22.9%	4	3	80	59	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	2,292	2,885	-20.6%	715	841	1,506	1,963	NM	NM	53	48
New Jersey	271	451	-39.8%	NM	NM	268	438	NM	NM	NM	NM
New York	1,617	1,944	-16.8%	714	841	841	1,040	NM	NM	45	32
Pennsylvania	403	491	-17.8%	NM	NM	398	484	NM	NM	NM	NM
East North Central	207	352	-41.3%	163	226	33	114	NM	NM	NM	NM
Illinois	17	33	-47.9%	NM	NM	11	25	NM	NM	0	0
Indiana	61	61	1.1%	56	55	0	0	NM	NM	6	6
Michigan	39	51	-23.4%	38	49	NM	0	1	0	1	2
Ohio	77	183	-57.9%	54	96	21	85	NM	NM	NM	NM
Wisconsin	11	23	-51.3%	10	18	1	4	NM	NM	NM	NM
West North Central	106	160	-33.7%	101	149	NM	10	NM	NM	NM	NM
Iowa	11	24	-53.6%	11	24	NM	NM	NM	NM	NM	NM
Kansas	25	19	30.5%	25	19	0	0	0	0	0	0
Minnesota	13	40	-67.2%	8	29	NM	10	NM	NM	NM	NM
Missouri	28	48	-41.8%	28	48	0	0	NM	NM	0	0
Nebraska	7	16	-56.0%	7	16	0	0	0	0	0	0
North Dakota	9	10	-1.8%	9	9	0	0	NM	NM	NM	NM
South Dakota	13	4	225.7%	13	4	NM	NM	NM	NM	0	0
South Atlantic	1,793	2,424	-26.0%	1,274	1,586	432	747	NM	NM	55	55
Delaware	123	154	-20.2%	NM	NM	123	153	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	240	271	-11.5%	228	258	NM	NM	0	0	NM	NM
Georgia	106	111	-5.1%	41	61	47	30	NM	NM	NM	20
Maryland	147	417	-64.7%	NM	NM	107	369	NM	NM	NM	NM
North Carolina	280	310	-9.8%	246	276	20	23	NM	NM	NM	NM
South Carolina	147	199	-26.1%	127	182	NM	NM	NM	NM	7	4
Virginia	704	891	-21.0%	587	749	110	132	NM	NM	NM	NM
West Virginia	46	70	-33.4%	37	47	10	23	0	0	0	0
East South Central	143	222	-35.5%	113	194	12	10	NM	NM	NM	NM
Alabama	53	69	-23.8%	25	43	12	10	0	0	NM	NM
Kentucky	34	39	-14.2%	34	39	0	0	0	0	0	0
Mississippi	8	NM	NM	7	NM	0	0	0	0	1	0
Tennessee	49	108	-54.8%	48	107	0	0	NM	NM	NM	NM
West South Central	115	76	51.3%	72	35	38	35	NM	NM	NM	NM
Arkansas	22	10	114.5%	16	6	5	2	0	0	2	2
Louisiana	53	20	168.3%	44	NM	9	11	0	0	0	2
Oklahoma	NM	5	NM	1	5	0	0	NM	NM	NM	NM
Texas	38	41	-6.0%	12	18	NM	21	NM	NM	NM	NM
Mountain	81	92	-11.8%	74	83	6	8	NM	NM	NM	NM
Arizona	20	28	-28.8%	20	28	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	5	8	-34.5%	NM	NM	4	6	0	0	0	0
Nevada	5	4	28.9%	4	4	1	0	0	0	0	0
New Mexico	28	26	4.7%	26	25	NM	NM	0	0	NM	NM
Utah	7	9	-30.6%	6	9	NM	NM	0	0	NM	NM
Wyoming	12	11	7.1%	12	11	0	0	0	0	NM	NM
Pacific Contiguous	20	25	-16.9%	11	15	NM	5	NM	NM	3	NM
California	16	13	18.9%	10	9	NM	NM	NM	NM	NM	NM
Oregon	NM	NM	NM	0	3	0	0	NM	NM	0	0
Washington	NM	8	NM	NM	NM	1	2	NM	NM	3	3
Pacific Noncontiguous	2,541	2,633	-3.5%	1,954	2,020	499	505	2	2	85	106
Alaska	290	264	9.9%	273	249	0	0	NM	NM	16	14
Hawaii	2,251	2,369	-5.0%	1,681	1,771	499	505	1	1	69	92
U.S. Total	9,194	10,900	-15.7%	4,633	5,391	4,161	5,049	NM	177	260	283

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, April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 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	183	292	-37.3%	61	168	100	101	0	0	NM	NM
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	103	-100.0%	0	103	0	0	0	0	0	0
Michigan	64	68	-6.4%	53	57	3	4	0	0	NM	NM
Ohio	98	99	-0.6%	0	0	97	98	0	0	NM	NM
Wisconsin	21	23	-6.4%	8	8	0	0	0	0	14	14
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	104	241	-56.7%	86	227	0	0	0	0	19	14
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	86	227	-62.2%	86	227	0	0	0	0	0	0
Georgia	19	14	32.6%	0	0	0	0	0	0	19	14
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	68	60	12.1%	68	60	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	68	60	12.1%	68	60	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	391	158	146.9%	346	116	0	0	0	0	NM	NM
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	376	141	165.8%	346	116	0	0	0	0	NM	NM
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	15	17	-10.4%	0	0	0	0	0	0	15	17
Mountain	40	40	-1.3%	0	0	40	40	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	40	40	-1.3%	0	0	40	40	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	806	811	-0.6%	561	572	140	142	1	1	105	97

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 April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 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	63	70	-9.7%	0	0	0	0	0	0	63	70
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	53	53	0.0%	0	0	0	0	0	0	53	53
East North Central	954	1,123	-15.0%	486	663	385	361	0	0	84	100
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	244	431	-43.3%	244	431	0	0	0	0	0	0
Michigan	270	246	9.4%	224	188	12	19	0	0	NM	NM
Ohio	377	347	8.7%	0	0	373	341	0	0	NM	NM
Wisconsin	63	99	-36.3%	18	44	0	0	0	0	45	55
West North Central	NM	NM	NM	0	0	0	0	4	3	NM	NM
Iowa	NM	NM	NM	0	0	0	0	4	3	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	530	880	-39.8%	457	811	0	0	0	0	73	69
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	457	811	-43.7%	457	811	0	0	0	0	0	0
Georgia	73	69	5.6%	0	0	0	0	0	0	73	69
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	405	323	25.5%	405	323	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	405	323	25.5%	405	323	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	1,564	1,584	-1.3%	1,388	1,383	0	0	0	0	176	201
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	1,511	1,520	-0.6%	1,388	1,383	0	0	0	0	124	138
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	52	64	-17.8%	0	0	0	0	0	0	52	64
Mountain	157	142	10.8%	0	0	157	142	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	157	142	10.8%	0	0	157	142	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	3,695	4,148	-10.9%	2,736	3,179	544	506	4	3	411	459

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, April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	3,771	4,015	-6.1%	6	29	3,614	3,802	55	61	95	124
Connecticut	1,295	1,252	3.4%	0	0	1,243	1,186	NM	NM	NM	44
Maine	182	320	-43.2%	0	0	132	250	NM	NM	NM	69
Massachusetts	1,499	1,504	-0.3%	NM	23	1,452	1,439	31	32	NM	NM
New Hampshire	471	467	0.8%	1	5	467	459	NM	NM	NM	NM
Rhode Island	323	471	-31.4%	0	0	320	468	NM	NM	0	0
Vermont	0	0	-63.6%	0	0	0	0	0	0	0	0
Middle Atlantic	10,066	8,579	17.3%	603	683	9,282	7,695	75	71	106	132
New Jersey	2,274	1,895	20.0%	NM	NM	2,235	1,847	NM	NM	NM	32
New York	3,575	3,565	0.3%	599	680	2,907	2,816	54	50	NM	19
Pennsylvania	4,216	3,120	35.2%	NM	NM	4,141	3,031	NM	NM	NM	80
East North Central	6,014	3,843	56.5%	2,487	1,636	3,304	1,999	110	103	113	105
Illinois	727	198	267.1%	NM	NM	634	114	41	52	NM	27
Indiana	1,294	605	114.0%	1,063	441	183	111	NM	NM	38	49
Michigan	1,218	901	35.1%	274	275	877	577	38	28	30	NM
Ohio	1,878	1,602	17.3%	718	607	1,141	978	NM	NM	NM	NM
Wisconsin	897	537	66.9%	405	308	469	218	NM	NM	NM	NM
West North Central	1,203	573	109.8%	882	471	269	67	23	NM	NM	NM
Iowa	110	64	70.7%	97	57	0	NM	NM	NM	NM	NM
Kansas	115	124	-7.3%	105	119	0	0	0	0	NM	NM
Minnesota	624	159	291.9%	537	113	69	34	NM	NM	NM	NM
Missouri	290	146	98.2%	81	105	199	33	8	8	NM	NM
Nebraska	25	56	-56.1%	24	55	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	3	0	0	0	0	0	NM	NM
South Dakota	36	NM	NM	36	NM	0	0	0	0	0	0
South Atlantic	23,057	19,658	17.3%	19,103	16,366	3,626	3,037	NM	37	288	218
Delaware	747	391	91.0%	NM	NM	651	366	0	0	93	24
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	13,309	11,981	11.1%	12,514	11,250	675	617	NM	NM	116	111
Georgia	3,181	2,558	24.3%	2,291	1,932	858	588	0	0	31	38
Maryland	312	137	127.2%	0	0	278	105	NM	29	NM	NM
North Carolina	2,626	2,201	19.3%	2,328	1,656	285	535	1	0	NM	NM
South Carolina	1,185	1,014	16.8%	1,072	931	109	80	NM	NM	NM	4
Virginia	1,609	1,362	18.1%	896	593	685	741	NM	NM	28	29
West Virginia	84	8	908.9%	0	3	84	5	0	0	NM	0
East South Central	7,091	4,910	44.4%	3,770	2,842	3,085	1,849	NM	NM	225	204
Alabama	3,500	2,627	33.2%	868	1,105	2,557	1,452	0	0	75	71
Kentucky	324	340	-4.7%	304	317	6	6	0	0	NM	NM
Mississippi	2,637	1,627	62.1%	1,992	1,123	522	391	NM	NM	121	112
Tennessee	631	316	99.6%	605	298	0	0	NM	NM	15	NM
West South Central	25,434	21,525	18.2%	6,472	5,367	14,448	11,215	73	72	4,441	4,872
Arkansas	1,252	742	68.9%	263	80	960	641	NM	NM	29	20
Louisiana	4,732	4,324	9.4%	2,297	1,643	930	810	NM	NM	1,491	1,856
Oklahoma	2,229	2,049	8.8%	1,268	1,149	951	892	NM	NM	NM	NM
Texas	17,221	14,411	19.5%	2,643	2,495	11,606	8,871	57	56	2,914	2,988
Mountain	6,396	4,651	37.5%	4,397	2,761	1,894	1,788	25	29	81	73
Arizona	1,805	1,248	44.6%	996	609	800	628	NM	10	0	0
Colorado	773	637	21.3%	613	271	159	365	0	1	0	NM
Idaho	167	32	417.7%	81	NM	82	27	0	0	NM	NM
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	2,241	1,495	49.8%	1,742	1,049	491	434	NM	NM	2	NM
New Mexico	732	681	7.5%	395	369	333	307	NM	NM	0	0
Utah	575	497	15.7%	520	435	NM	NM	NM	7	25	31
Wyoming	53	36	45.6%	NM	NM	NM	NM	0	0	49	32
Pacific Contiguous	9,215	8,751	5.3%	3,358	2,482	4,886	5,144	111	133	860	992
California	7,448	8,135	-8.4%	2,395	2,236	4,099	4,783	104	128	850	987
Oregon	1,179	311	279.5%	426	16	740	288	NM	NM	7	NM
Washington	589	306	92.4%	537	229	48	73	NM	NM	3	3
Pacific Noncontiguous	270	221	21.9%	265	218	0	0	NM	NM	NM	NM
Alaska	270	221	21.9%	265	218	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	92,516	76,728	20.6%	41,343	32,854	44,407	36,595	523	538	6,243	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 April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	13,743	12,116	13.4%	28	70	13,031	11,249	262	268	422	529
Connecticut	5,196	4,122	26.0%	0	5	4,933	3,838	NM	93	169	186
Maine	1,045	1,380	-24.3%	0	0	842	1,085	NM	NM	194	287
Massachusetts	4,403	4,421	-0.4%	26	57	4,186	4,168	143	149	NM	46
New Hampshire	1,791	870	105.9%	1	6	1,775	849	NM	NM	NM	NM
Rhode Island	1,307	1,322	-1.1%	0	0	1,294	1,309	NM	NM	0	0
Vermont	1	1	-26.3%	1	1	0	0	0	0	0	0
Middle Atlantic	43,216	37,610	14.9%	3,296	3,370	39,019	33,362	345	332	556	545
New Jersey	10,101	8,146	24.0%	NM	NM	9,899	7,947	NM	56	131	131
New York	16,136	15,578	3.6%	3,281	3,357	12,526	11,899	251	240	78	82
Pennsylvania	16,980	13,886	22.3%	NM	NM	16,594	13,517	NM	NM	347	332
East North Central	29,116	19,144	52.1%	12,075	7,576	16,016	10,665	498	462	527	440
Illinois	3,091	1,297	138.2%	98	45	2,667	922	203	214	124	117
Indiana	6,151	3,530	74.2%	4,979	2,657	932	679	NM	NM	195	174
Michigan	5,862	4,544	29.0%	1,368	1,113	4,228	3,199	152	139	114	94
Ohio	9,638	7,622	26.4%	3,748	2,753	5,804	4,793	NM	56	NM	NM
Wisconsin	4,375	2,150	103.5%	1,882	1,009	2,385	1,073	41	34	66	34
West North Central	4,616	2,761	67.2%	3,909	2,331	503	279	77	61	128	90
Iowa	585	234	150.1%	527	193	0	NM	NM	NM	NM	23
Kansas	404	477	-15.4%	363	454	0	0	0	0	NM	24
Minnesota	2,098	901	132.8%	1,850	644	168	188	42	36	38	34
Missouri	1,281	978	31.0%	930	878	335	91	14	7	NM	NM
Nebraska	67	86	-22.2%	63	84	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	5	0	0	0	0	0	NM	NM
South Dakota	170	78	119.4%	170	78	0	0	0	0	0	0
South Atlantic	89,717	72,324	24.0%	72,640	58,985	15,796	12,199	175	164	1,107	976
Delaware	1,833	1,394	31.4%	NM	NM	1,489	1,216	0	0	334	170
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	47,151	41,660	13.2%	44,244	39,035	2,422	2,157	NM	NM	472	459
Georgia	15,041	10,449	44.0%	10,571	8,098	4,343	2,190	0	0	127	161
Maryland	851	605	40.5%	0	0	699	457	135	131	NM	NM
North Carolina	11,359	7,958	42.7%	8,194	5,288	3,118	2,628	1	0	46	42
South Carolina	4,109	3,351	22.6%	3,742	3,102	352	237	NM	NM	NM	12
Virginia	9,167	6,674	37.4%	5,852	3,304	3,214	3,253	NM	NM	100	116
West Virginia	187	212	-11.5%	28	151	159	61	0	0	NM	NM
East South Central	35,827	25,646	39.7%	19,258	14,324	15,522	10,355	NM	62	985	905
Alabama	17,274	13,238	30.5%	4,624	4,582	12,336	8,328	0	0	313	328
Kentucky	1,376	1,541	-10.7%	1,255	1,367	50	104	0	0	NM	70
Mississippi	14,491	9,460	53.2%	10,817	7,050	3,136	1,923	NM	NM	531	480
Tennessee	2,686	1,406	91.0%	2,562	1,325	0	0	NM	55	70	26
West South Central	107,851	87,100	23.8%	27,932	22,399	60,073	44,051	296	283	19,550	20,367
Arkansas	5,826	3,134	85.9%	1,241	442	4,452	2,591	NM	NM	133	100
Louisiana	19,091	17,389	9.8%	8,717	6,029	3,348	3,506	62	63	6,965	7,791
Oklahoma	10,572	8,662	22.0%	6,962	6,117	3,568	2,509	NM	NM	NM	33
Texas	72,362	57,916	24.9%	11,012	9,811	48,705	35,446	226	216	12,419	12,443
Mountain	22,323	19,748	13.0%	15,105	12,007	6,804	7,239	95	127	319	374
Arizona	5,336	4,759	12.1%	2,733	1,951	2,570	2,764	NM	45	0	0
Colorado	3,006	3,233	-7.0%	1,879	1,719	1,125	1,505	0	5	NM	NM
Idaho	671	799	-16.0%	300	401	355	386	0	0	16	12
Montana	201	160	25.3%	188	151	NM	NM	0	0	0	0
Nevada	7,823	5,705	37.1%	6,418	4,223	1,367	1,406	NM	23	NM	52
New Mexico	2,931	2,631	11.4%	1,649	1,545	1,265	1,058	NM	26	0	NM
Utah	2,145	2,278	-5.8%	1,926	2,006	NM	107	NM	28	92	137
Wyoming	209	182	14.8%	NM	NM	NM	NM	0	0	192	167
Pacific Contiguous	36,296	43,551	-16.7%	14,103	14,185	18,309	24,567	453	575	3,432	4,224
California	30,533	36,618	-16.6%	10,845	10,202	15,871	21,681	424	546	3,393	4,188
Oregon	3,658	3,840	-4.7%	1,380	1,373	2,237	2,426	NM	23	NM	18
Washington	2,106	3,094	-31.9%	1,878	2,610	201	459	NM	NM	19	19
Pacific Noncontiguous	1,040	1,054	-1.3%	1,023	1,033	0	0	NM	NM	NM	18
Alaska	1,040	1,054	-1.3%	1,023	1,033	0	0	NM	NM	NM	18
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	383,747	321,053	19.5%	169,369	136,281	185,072	153,968	2,266	2,337	27,040	28,468

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, April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 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	47	8.2%	0	0	0	0	0	0	50	47
New Jersey	NM	12	NM	0	0	0	0	0	0	NM	12
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	40	34	16.9%	0	0	0	0	0	0	40	34
East North Central	322	282	14.0%	20	18	122	88	0	0	180	176
Illinois	NM	21	NM	0	0	0	2	0	0	NM	20
Indiana	149	143	4.6%	0	0	0	0	0	0	149	143
Michigan	105	64	65.6%	20	18	86	45	0	0	0	0
Ohio	50	54	-8.5%	0	0	36	40	0	0	NM	14
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	13	12	13.1%	0	0	0	0	0	0	13	12
Delaware	12	9	28.4%	0	0	0	0	0	0	12	9
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	1	-54.5%	0	0	0	0	0	0	0	1
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	1	2	-36.0%	0	0	0	0	0	0	1	2
East South Central	NM	24	NM	0	0	0	0	0	0	NM	24
Alabama	NM	23	NM	0	0	0	0	0	0	NM	23
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	-14.7%	0	0	0	0	0	0	1	1
West South Central	352	272	29.2%	0	0	170	137	0	0	182	136
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	180	106	69.0%	0	0	92	43	0	0	88	63
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	172	166	3.7%	0	0	78	94	0	0	94	72
Mountain	36	23	53.0%	0	0	2	0	0	0	33	23
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	0	104.7%	0	0	1	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	0	--	0	0	0	0	0	0	NM	0
Wyoming	33	23	42.4%	0	0	0	0	0	0	33	23
Pacific Contiguous	134	118	13.6%	0	0	30	7	0	0	104	111
California	104	111	-6.3%	0	0	0	0	0	0	104	111
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	30	7	320.1%	0	0	30	7	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	915	784	16.8%	20	18	324	232	0	0	571	534

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 April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 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	204	213	-4.1%	0	0	0	0	0	0	204	213
New Jersey	55	60	-7.1%	0	0	0	0	0	0	55	60
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	149	153	-2.9%	0	0	0	0	0	0	149	153
East North Central	1,441	1,254	15.0%	85	44	552	438	0	0	804	771
Illinois	89	95	-6.6%	0	0	0	3	0	0	89	92
Indiana	649	617	5.2%	0	0	0	0	0	0	649	617
Michigan	453	291	55.8%	85	44	368	247	0	0	0	0
Ohio	250	251	-0.2%	0	0	184	189	0	0	66	62
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	12	13	-9.3%	0	0	0	0	0	0	12	13
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	12	13	-9.3%	0	0	0	0	0	0	12	13
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	58	52	11.3%	0	0	0	0	0	0	58	52
Delaware	48	42	14.4%	0	0	0	0	0	0	48	42
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1	2	-41.3%	0	0	0	0	0	0	1	2
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	9	9	7.0%	0	0	0	0	0	0	9	9
East South Central	30	72	-58.1%	0	0	0	0	0	0	30	72
Alabama	27	68	-60.8%	0	0	0	0	0	0	27	68
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	-20.0%	0	0	0	0	0	0	4	5
West South Central	1,485	1,137	30.6%	0	0	755	543	0	0	730	593
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	729	538	35.3%	0	0	369	236	0	0	360	302
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	756	599	26.3%	0	0	386	308	0	0	370	291
Mountain	140	120	17.1%	0	0	5	1	0	0	135	118
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	4	0	NM	0	0	4	0	0	0	0	0
Nevada	1	1	-9.6%	0	0	1	1	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	NM	NM	0	0	0	0	0	0	NM	NM
Wyoming	134	118	13.1%	0	0	0	0	0	0	134	118
Pacific Contiguous	593	463	28.2%	0	0	123	77	0	0	470	386
California	470	386	21.7%	0	0	0	0	0	0	470	386
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	123	77	60.6%	0	0	123	77	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	3,973	3,334	19.1%	85	44	1,435	1,060	0	0	2,453	2,231

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, April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	2,588	2,058	25.8%	0	0	2,588	2,058	0	0	0	0
Connecticut	1,387	985	40.9%	0	0	1,387	985	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	303	491	-38.4%	0	0	303	491	0	0	0	0
New Hampshire	898	146	515.8%	0	0	898	146	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	436	-100.0%	0	0	0	436	0	0	0	0
Middle Atlantic	11,766	10,949	7.5%	0	0	11,766	10,949	0	0	0	0
New Jersey	2,379	2,225	6.9%	0	0	2,379	2,225	0	0	0	0
New York	3,721	2,924	27.3%	0	0	3,721	2,924	0	0	0	0
Pennsylvania	5,666	5,800	-2.3%	0	0	5,666	5,800	0	0	0	0
East North Central	11,572	11,434	1.2%	1,543	1,988	10,030	9,446	0	0	0	0
Illinois	7,789	7,394	5.3%	0	0	7,789	7,394	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	2,128	2,578	-17.5%	1,543	1,988	585	590	0	0	0	0
Ohio	791	910	-13.1%	0	0	791	910	0	0	0	0
Wisconsin	865	552	56.8%	0	0	865	552	0	0	0	0
West North Central	2,568	3,387	-24.2%	2,129	2,949	439	438	0	0	0	0
Iowa	439	438	0.2%	0	0	439	438	0	0	0	0
Kansas	-16	-11	50.8%	-16	-11	0	0	0	0	0	0
Minnesota	578	1,175	-50.8%	578	1,175	0	0	0	0	0	0
Missouri	881	884	-0.3%	881	884	0	0	0	0	0	0
Nebraska	687	901	-23.8%	687	901	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	15,790	13,920	13.4%	14,606	12,636	1,185	1,284	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	1,731	1,479	17.1%	1,731	1,479	0	0	0	0	0	0
Georgia	2,945	2,327	26.6%	2,945	2,327	0	0	0	0	0	0
Maryland	1,185	1,284	-7.7%	0	0	1,185	1,284	0	0	0	0
North Carolina	2,957	2,700	9.5%	2,957	2,700	0	0	0	0	0	0
South Carolina	4,671	3,703	26.1%	4,671	3,703	0	0	0	0	0	0
Virginia	2,301	2,427	-5.2%	2,301	2,427	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	5,507	6,068	-9.3%	5,507	6,068	0	0	0	0	0	0
Alabama	2,687	3,705	-27.5%	2,687	3,705	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	975	779	25.1%	975	779	0	0	0	0	0	0
Tennessee	1,845	1,585	16.4%	1,845	1,585	0	0	0	0	0	0
West South Central	5,531	4,084	35.4%	2,834	2,187	2,697	1,897	0	0	0	0
Arkansas	1,325	1,160	14.3%	1,325	1,160	0	0	0	0	0	0
Louisiana	1,509	1,027	46.8%	1,509	1,027	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	2,697	1,897	42.2%	0	0	2,697	1,897	0	0	0	0
Mountain	2,007	2,028	-1.0%	2,007	2,028	0	0	0	0	0	0
Arizona	2,007	2,028	-1.0%	2,007	2,028	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	2,429	2,456	-1.1%	2,429	2,456	0	0	0	0	0	0
California	1,645	1,645	0.0%	1,645	1,645	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	783	812	-3.5%	783	812	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	59,757	56,385	6.0%	31,053	30,312	28,705	26,072	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 April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	11,020	12,022	-8.3%	0	0	11,020	12,022	0	0	0	0
Connecticut	5,939	5,468	8.6%	0	0	5,939	5,468	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	1,490	1,962	-24.0%	0	0	1,490	1,962	0	0	0	0
New Hampshire	3,591	2,836	26.6%	0	0	3,591	2,836	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	1,757	-100.0%	0	0	0	1,757	0	0	0	0
Middle Atlantic	52,341	49,759	5.2%	0	0	52,341	49,759	0	0	0	0
New Jersey	10,992	11,236	-2.2%	0	0	10,992	11,236	0	0	0	0
New York	14,360	13,332	7.7%	0	0	14,360	13,332	0	0	0	0
Pennsylvania	26,988	25,191	7.1%	0	0	26,988	25,191	0	0	0	0
East North Central	49,823	47,585	4.7%	8,228	7,697	41,595	39,888	0	0	0	0
Illinois	31,097	31,512	-1.3%	0	0	31,097	31,512	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	10,579	8,920	18.6%	8,228	7,697	2,351	1,222	0	0	0	0
Ohio	4,691	4,253	10.3%	0	0	4,691	4,253	0	0	0	0
Wisconsin	3,457	2,901	19.2%	0	0	3,457	2,901	0	0	0	0
West North Central	14,101	15,204	-7.3%	12,375	13,451	1,726	1,754	0	0	0	0
Iowa	1,726	1,754	-1.6%	0	0	1,726	1,754	0	0	0	0
Kansas	1,673	1,891	-11.5%	1,673	1,891	0	0	0	0	0	0
Minnesota	3,753	4,453	-15.7%	3,753	4,453	0	0	0	0	0	0
Missouri	3,460	3,562	-2.9%	3,460	3,562	0	0	0	0	0	0
Nebraska	3,489	3,544	-1.6%	3,489	3,544	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	65,620	63,427	3.5%	61,152	59,206	4,468	4,221	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	9,237	8,357	10.5%	9,237	8,357	0	0	0	0	0	0
Georgia	10,871	10,032	8.4%	10,871	10,032	0	0	0	0	0	0
Maryland	4,468	4,221	5.9%	0	0	4,468	4,221	0	0	0	0
North Carolina	13,176	12,761	3.2%	13,176	12,761	0	0	0	0	0	0
South Carolina	18,210	17,738	2.7%	18,210	17,738	0	0	0	0	0	0
Virginia	9,659	10,318	-6.4%	9,659	10,318	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	25,475	24,760	2.9%	25,475	24,760	0	0	0	0	0	0
Alabama	13,224	13,766	-3.9%	13,224	13,766	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	3,648	2,118	72.3%	3,648	2,118	0	0	0	0	0	0
Tennessee	8,603	8,876	-3.1%	8,603	8,876	0	0	0	0	0	0
West South Central	23,398	22,835	2.5%	9,748	10,604	13,650	12,231	0	0	0	0
Arkansas	4,550	4,929	-7.7%	4,550	4,929	0	0	0	0	0	0
Louisiana	5,198	5,675	-8.4%	5,198	5,675	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	13,650	12,231	11.6%	0	0	13,650	12,231	0	0	0	0
Mountain	10,631	10,658	-0.3%	10,631	10,658	0	0	0	0	0	0
Arizona	10,631	10,658	-0.3%	10,631	10,658	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	9,626	8,234	16.9%	9,626	8,234	0	0	0	0	0	0
California	6,429	5,001	28.6%	6,429	5,001	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	3,197	3,233	-1.1%	3,197	3,233	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	262,036	254,485	3.0%	137,235	134,609	124,801	119,875	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, April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	756	712	6.2%	107	93	611	585	NM	NM	37	34
Connecticut	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Maine	307	289	6.3%	0	0	270	256	0	0	37	33
Massachusetts	104	94	10.8%	NM	NM	77	70	NM	NM	NM	NM
New Hampshire	192	194	-1.2%	38	31	154	162	0	0	0	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	115	102	13.6%	40	NM	75	66	0	0	0	0
Middle Atlantic	2,554	2,504	2.0%	1,913	1,917	636	582	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	2,116	2,086	1.4%	1,697	1,701	414	380	NM	NM	NM	NM
Pennsylvania	435	415	4.8%	216	215	219	200	0	0	0	0
East North Central	340	425	-19.9%	302	377	NM	NM	NM	NM	NM	NM
Illinois	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
Indiana	NM	18	NM	NM	18	0	0	0	0	0	0
Michigan	120	149	-19.1%	108	133	NM	NM	0	0	NM	NM
Ohio	NM	38	NM	NM	38	0	0	0	0	0	0
Wisconsin	170	209	-18.7%	150	185	NM	NM	0	0	NM	NM
West North Central	982	1,043	-5.9%	958	1,014	NM	NM	0	0	NM	NM
Iowa	60	71	-16.2%	59	71	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	42	53	-21.0%	NM	NM	NM	NM	0	0	NM	NM
Missouri	113	90	24.8%	113	90	0	0	0	0	0	0
Nebraska	98	122	-19.6%	98	122	0	0	0	0	0	0
North Dakota	193	197	-2.1%	193	197	0	0	0	0	0	0
South Dakota	475	508	-6.6%	475	508	0	0	0	0	0	0
South Atlantic	1,635	1,590	2.8%	1,148	1,211	370	293	NM	NM	116	85
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	NM	NM	NM	NM	0	0	0	0	0	0
Georgia	293	359	-18.4%	290	356	NM	NM	0	0	NM	NM
Maryland	313	249	25.7%	0	0	313	249	0	0	0	0
North Carolina	456	405	12.7%	403	374	NM	NM	NM	NM	47	NM
South Carolina	272	297	-8.4%	263	289	NM	NM	NM	NM	0	0
Virginia	132	140	-5.7%	124	133	NM	NM	0	0	NM	NM
West Virginia	147	122	20.8%	46	NM	35	24	0	0	66	57
East South Central	2,439	1,770	37.8%	2,380	1,736	NM	NM	0	0	58	33
Alabama	1,161	956	21.5%	1,161	956	0	0	0	0	0	0
Kentucky	367	206	78.2%	367	205	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	910	607	49.9%	853	575	0	0	0	0	58	33
West South Central	796	611	30.3%	696	496	100	115	0	0	0	0
Arkansas	344	293	17.6%	341	291	NM	NM	0	0	0	0
Louisiana	93	110	-15.5%	0	0	93	110	0	0	0	0
Oklahoma	245	127	93.8%	245	127	0	0	0	0	0	0
Texas	113	81	39.8%	110	78	NM	NM	0	0	0	0
Mountain	2,943	3,700	-20.5%	2,489	3,228	453	471	NM	NM	0	0
Arizona	570	534	6.9%	570	534	0	0	0	0	0	0
Colorado	95	191	-50.3%	76	168	NM	NM	NM	NM	0	0
Idaho	865	1,098	-21.2%	796	1,016	70	82	0	0	0	0
Montana	991	1,429	-30.7%	632	1,070	359	359	0	0	0	0
Nevada	261	288	-9.2%	257	282	NM	NM	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	49	65	-24.3%	49	64	NM	NM	0	0	0	0
Wyoming	100	80	25.8%	100	79	NM	NM	0	0	0	0
Pacific Contiguous	9,882	12,553	-21.3%	9,798	12,441	84	112	NM	NM	0	0
California	972	1,411	-31.1%	937	1,352	NM	58	NM	NM	0	0
Oregon	2,638	3,450	-23.5%	2,615	3,426	NM	NM	0	0	0	0
Washington	6,271	7,692	-18.5%	6,245	7,663	NM	NM	0	0	0	0
Pacific Noncontiguous	141	145	-2.5%	132	139	5	1	0	0	NM	NM
Alaska	131	138	-4.9%	131	138	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	5	1	0	0	NM	NM
U.S. Total	22,468	25,053	-10.3%	19,924	22,652	2,299	2,209	NM	NM	242	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 1.13.B. Net Generation from Hydroelectric (Conventional) Power

by State, by Sector, Year-to-Date through April 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	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	2,552	2,595	-1.7%	358	360	2,045	2,106	NM	NM	146	128
Connecticut	130	136	-4.5%	NM	NM	118	124	0	0	0	0
Maine	1,199	1,158	3.5%	0	0	1,054	1,034	0	0	144	124
Massachusetts	338	356	-5.2%	89	93	245	260	NM	NM	NM	NM
New Hampshire	476	521	-8.5%	123	113	353	405	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	408	423	-3.6%	135	142	273	281	0	0	0	0
Middle Atlantic	9,342	9,504	-1.7%	7,252	7,288	2,068	2,194	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	8,264	8,293	-0.3%	6,803	6,755	1,440	1,516	NM	NM	NM	NM
Pennsylvania	1,068	1,201	-11.1%	449	533	619	668	0	0	0	0
East North Central	1,589	1,440	10.4%	1,418	1,284	99	96	NM	NM	72	NM
Illinois	37	44	-15.1%	NM	NM	22	28	NM	NM	0	0
Indiana	82	92	-10.9%	82	92	0	0	0	0	0	0
Michigan	559	487	14.7%	509	442	39	NM	0	0	NM	NM
Ohio	112	123	-9.4%	112	123	0	0	0	0	0	0
Wisconsin	799	693	15.2%	701	611	NM	NM	0	0	60	NM
West North Central	3,545	3,151	12.5%	3,437	3,056	73	65	0	0	NM	NM
Iowa	291	239	21.7%	288	237	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	197	174	13.2%	95	87	66	58	0	0	NM	NM
Missouri	293	284	3.2%	293	284	0	0	0	0	0	0
Nebraska	454	402	13.0%	454	402	0	0	0	0	0	0
North Dakota	757	648	16.9%	757	648	0	0	0	0	0	0
South Dakota	1,549	1,399	10.7%	1,549	1,399	0	0	0	0	0	0
South Atlantic	5,400	6,726	-19.7%	4,045	5,254	903	984	NM	NM	447	480
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	80	83	-2.7%	80	83	0	0	0	0	0	0
Georgia	1,070	1,380	-22.5%	1,058	1,368	NM	NM	0	0	NM	NM
Maryland	697	755	-7.8%	0	0	697	755	0	0	0	0
North Carolina	1,649	2,126	-22.4%	1,422	1,855	NM	NM	NM	NM	203	244
South Carolina	942	1,299	-27.5%	910	1,266	NM	32	NM	NM	0	0
Virginia	425	532	-20.0%	397	502	NM	NM	0	0	NM	NM
West Virginia	537	551	-2.5%	179	181	126	145	0	0	233	225
East South Central	9,362	9,072	3.2%	9,116	8,793	NM	NM	0	0	244	276
Alabama	4,289	4,395	-2.4%	4,289	4,395	0	0	0	0	0	0
Kentucky	1,307	1,120	16.7%	1,304	1,117	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	3,766	3,557	5.9%	3,523	3,280	0	0	0	0	244	276
West South Central	2,193	2,130	2.9%	1,852	1,711	340	419	0	0	0	0
Arkansas	1,012	988	2.5%	1,003	982	NM	NM	0	0	0	0
Louisiana	321	402	-20.2%	0	0	321	402	0	0	0	0
Oklahoma	597	501	19.1%	597	501	0	0	0	0	0	0
Texas	262	239	9.8%	252	228	NM	NM	0	0	0	0
Mountain	10,908	10,686	2.1%	9,135	9,246	1,770	1,438	NM	NM	0	0
Arizona	2,109	2,001	5.4%	2,109	2,001	0	0	0	0	0	0
Colorado	502	661	-24.0%	416	590	83	68	NM	NM	0	0
Idaho	3,300	3,201	3.1%	3,080	2,998	220	203	0	0	0	0
Montana	3,581	3,441	4.1%	2,143	2,299	1,438	1,142	0	0	0	0
Nevada	959	948	1.2%	938	930	NM	NM	0	0	0	0
New Mexico	41	48	-13.6%	41	48	0	0	0	0	0	0
Utah	214	212	0.7%	210	209	NM	NM	0	0	0	0
Wyoming	202	174	15.7%	198	171	NM	NM	0	0	0	0
Pacific Contiguous	48,724	42,520	14.6%	48,361	42,182	362	337	NM	NM	0	0
California	3,596	3,896	-7.7%	3,458	3,740	138	155	NM	NM	0	0
Oregon	14,501	12,960	11.9%	14,395	12,873	106	88	0	0	0	0
Washington	30,627	25,664	19.3%	30,508	25,569	118	95	0	0	0	0
Pacific Noncontiguous	598	533	12.2%	574	514	6	4	0	0	NM	NM
Alaska	567	507	11.8%	567	507	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	6	4	0	0	NM	NM
U.S. Total	94,213	88,357	6.6%	85,549	79,687	7,670	7,646	NM	NM	980	1,008

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, April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	845	776	8.8%	45	45	666	572	20	19	114	140
Connecticut	58	56	3.7%	0	0	55	53	NM	3	0	0
Maine	353	353	0.2%	0	0	231	204	9	9	113	140
Massachusetts	194	156	24.4%	8	8	182	145	NM	NM	NM	0
New Hampshire	159	132	19.9%	8	6	148	123	NM	4	0	0
Rhode Island	20	20	-1.8%	0	0	19	20	NM	0	0	0
Vermont	60	59	2.9%	30	32	30	27	NM	NM	0	0
Middle Atlantic	1,310	1,409	-7.0%	10	5	1,170	1,266	62	57	68	81
New Jersey	164	152	8.2%	10	5	122	120	32	26	NM	NM
New York	585	645	-9.4%	0	0	550	597	19	20	16	28
Pennsylvania	562	612	-8.3%	0	0	498	548	11	11	52	53
East North Central	2,708	2,679	1.1%	261	272	2,289	2,270	21	18	138	119
Illinois	1,129	1,157	-2.5%	NM	NM	1,127	1,156	NM	0	0	0
Indiana	478	433	10.3%	26	27	447	401	NM	2	NM	4
Michigan	626	578	8.4%	112	98	442	416	17	14	54	50
Ohio	190	206	-7.6%	3	3	157	173	NM	NM	29	29
Wisconsin	285	305	-6.4%	118	143	115	124	NM	NM	51	36
West North Central	4,985	5,211	-4.3%	1,642	1,602	3,297	3,558	9	8	37	42
Iowa	1,619	1,771	-8.6%	983	985	634	784	NM	3	0	0
Kansas	1,002	1,145	-12.5%	85	97	917	1,048	0	0	0	0
Minnesota	1,017	1,076	-5.5%	228	239	749	791	NM	4	37	41
Missouri	106	132	-19.9%	3	3	101	129	2	0	NM	NM
Nebraska	289	230	25.5%	22	26	265	203	NM	NM	0	0
North Dakota	661	578	14.4%	256	186	405	392	0	0	0	NM
South Dakota	292	279	4.6%	66	67	225	212	0	0	0	0
South Atlantic	1,778	1,764	0.8%	119	124	826	759	42	44	791	838
Delaware	11	11	-1.5%	NM	NM	10	10	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	407	431	-5.8%	25	24	211	227	NM	3	169	178
Georgia	359	322	11.3%	NM	0	67	49	NM	2	288	271
Maryland	96	91	5.8%	NM	NM	85	74	NM	NM	8	13
North Carolina	345	304	13.4%	NM	NM	243	178	15	15	86	110
South Carolina	142	201	-29.7%	25	39	NM	9	0	0	109	153
Virginia	281	259	8.3%	65	58	66	69	18	20	132	113
West Virginia	138	143	-4.0%	0	0	138	143	0	0	0	0
East South Central	526	525	0.2%	8	8	33	34	NM	NM	485	482
Alabama	265	266	-0.4%	0	0	10	18	0	0	255	248
Kentucky	41	42	-1.3%	8	8	0	0	0	0	33	33
Mississippi	129	124	3.7%	0	0	NM	NM	0	0	128	123
Tennessee	92	93	-1.7%	0	0	22	15	NM	NM	69	78
West South Central	5,777	5,802	-0.4%	157	216	5,195	5,142	NM	4	418	441
Arkansas	124	136	-8.8%	0	0	8	9	NM	NM	115	126
Louisiana	207	211	-1.8%	0	0	6	6	0	0	201	205
Oklahoma	1,250	1,278	-2.1%	131	188	1,095	1,063	0	0	25	27
Texas	4,195	4,178	0.4%	26	28	4,086	4,063	NM	3	77	84
Mountain	2,709	2,870	-5.6%	244	315	2,422	2,512	10	9	34	34
Arizona	421	361	16.6%	54	38	366	321	2	2	0	0
Colorado	706	790	-10.7%	15	19	687	767	NM	NM	NM	NM
Idaho	290	348	-16.7%	14	17	243	297	0	0	33	34
Montana	150	189	-20.5%	15	24	135	165	0	0	0	0
Nevada	479	363	32.2%	0	0	475	359	5	3	NM	NM
New Mexico	289	302	-4.4%	14	10	274	292	NM	NM	0	0
Utah	104	102	2.1%	15	20	89	82	0	0	0	0
Wyoming	270	416	-35.1%	117	187	153	228	0	0	0	0
Pacific Contiguous	5,797	5,593	3.7%	758	794	4,750	4,478	90	98	199	223
California	4,229	3,856	9.7%	215	249	3,873	3,447	88	96	53	64
Oregon	735	820	-10.3%	127	134	565	635	NM	2	41	50
Washington	833	917	-9.2%	416	412	312	396	NM	NM	105	109
Pacific Noncontiguous	147	147	0.4%	14	12	105	105	19	20	9	10
Alaska	18	20	-11.3%	10	11	5	5	NM	4	NM	NM
Hawaii	130	127	2.2%	5	1	101	100	15	16	9	10
U.S. Total	26,584	26,776	-0.7%	3,258	3,394	20,753	20,694	280	277	2,293	2,411

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 April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	3,688	3,463	6.5%	308	313	2,741	2,444	75	70	564	636
Connecticut	257	252	2.0%	0	0	246	241	11	10	0	0
Maine	1,682	1,640	2.5%	0	0	1,087	971	33	33	562	636
Massachusetts	660	564	17.1%	29	28	615	523	14	13	NM	0
New Hampshire	693	644	7.6%	92	106	589	525	12	13	0	0
Rhode Island	86	72	19.7%	0	0	81	72	NM	0	0	0
Vermont	310	292	6.4%	187	178	123	112	NM	NM	0	0
Middle Atlantic	5,290	5,303	-0.3%	30	14	4,745	4,779	223	203	291	307
New Jersey	570	511	11.7%	30	14	427	405	113	91	NM	NM
New York	2,424	2,465	-1.7%	0	0	2,270	2,293	72	74	82	98
Pennsylvania	2,295	2,327	-1.4%	0	0	2,048	2,080	39	38	208	209
East North Central	10,616	10,582	0.3%	1,010	1,066	8,948	8,897	69	60	589	559
Illinois	4,221	4,550	-7.2%	NM	NM	4,216	4,546	NM	NM	0	0
Indiana	1,860	1,538	20.9%	101	103	1,738	1,414	6	7	14	15
Michigan	2,655	2,439	8.9%	427	374	1,928	1,778	55	47	246	240
Ohio	741	791	-6.2%	13	11	603	655	NM	NM	124	123
Wisconsin	1,139	1,265	-9.9%	465	574	463	505	6	5	205	181
West North Central	19,542	20,068	-2.6%	6,457	6,133	12,866	13,704	45	45	172	186
Iowa	6,698	6,723	-0.4%	3,958	3,700	2,725	3,006	10	10	5	7
Kansas	3,589	4,081	-12.1%	300	338	3,289	3,743	0	0	0	0
Minnesota	4,011	4,259	-5.8%	865	928	2,969	3,139	18	19	158	173
Missouri	426	509	-16.4%	13	13	399	485	11	10	NM	NM
Nebraska	1,201	854	40.6%	102	99	1,093	749	6	6	0	0
North Dakota	2,511	2,512	-0.1%	961	791	1,543	1,717	0	0	6	4
South Dakota	1,105	1,129	-2.1%	258	265	847	864	0	0	0	0
South Atlantic	7,252	7,060	2.7%	584	571	3,274	3,040	160	156	3,234	3,292
Delaware	38	38	0.9%	NM	NM	33	33	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,673	1,714	-2.4%	80	86	895	941	15	12	683	676
Georgia	1,432	1,334	7.4%	NM	0	247	220	10	9	1,171	1,105
Maryland	393	355	10.7%	3	NM	332	283	15	14	43	55
North Carolina	1,227	1,080	13.7%	NM	NM	801	612	50	49	374	416
South Carolina	647	776	-16.6%	137	153	32	34	0	0	478	589
Virginia	1,227	1,140	7.7%	354	324	320	293	69	71	484	451
West Virginia	615	624	-1.4%	0	0	615	624	0	0	0	0
East South Central	2,059	2,092	-1.6%	31	33	145	124	NM	NM	1,882	1,935
Alabama	1,052	1,065	-1.3%	0	0	66	66	0	0	986	999
Kentucky	166	170	-2.5%	31	32	0	0	0	0	135	138
Mississippi	471	502	-6.2%	0	1	4	4	0	0	468	498
Tennessee	370	355	4.2%	0	0	75	54	NM	NM	294	299
West South Central	19,327	20,644	-6.4%	579	737	16,958	18,158	26	15	1,765	1,734
Arkansas	525	522	0.5%	0	0	39	38	NM	NM	484	482
Louisiana	889	857	3.7%	0	0	23	24	0	0	866	833
Oklahoma	4,398	4,449	-1.2%	465	631	3,829	3,712	0	0	103	106
Texas	13,516	14,815	-8.8%	114	106	13,066	14,384	24	13	311	313
Mountain	10,377	11,123	-6.7%	1,145	1,346	9,084	9,622	28	25	120	130
Arizona	1,226	1,172	4.7%	165	120	1,055	1,046	6	6	0	0
Colorado	2,865	2,915	-1.7%	55	77	2,801	2,830	8	7	NM	NM
Idaho	1,072	1,328	-19.3%	52	69	901	1,131	0	0	119	128
Montana	802	792	1.2%	91	98	711	694	0	0	0	0
Nevada	1,737	1,401	24.0%	0	0	1,723	1,390	13	10	NM	NM
New Mexico	838	1,098	-23.7%	41	28	796	1,068	NM	NM	0	0
Utah	372	426	-12.7%	80	93	292	333	0	0	0	0
Wyoming	1,465	1,992	-26.5%	662	861	803	1,131	0	0	0	0
Pacific Contiguous	18,348	18,631	-1.5%	2,256	2,630	14,951	14,765	358	378	783	857
California	13,593	12,752	6.6%	669	824	12,357	11,309	348	369	220	251
Oregon	2,134	2,800	-23.8%	316	412	1,631	2,181	6	7	181	201
Washington	2,621	3,079	-14.9%	1,272	1,394	963	1,276	NM	3	382	406
Pacific Noncontiguous	468	474	-1.4%	59	48	288	308	77	77	44	42
Alaska	74	79	-6.2%	38	42	17	19	15	15	NM	3
Hawaii	394	396	-0.4%	21	6	271	289	61	61	41	40
U.S. Total	96,967	99,441	-2.5%	12,460	12,892	74,000	75,842	1,063	1,029	9,445	9,678

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, April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	-38	-37	2.4%	0	0	-38	-37	0	0	0	0
Connecticut	0	0	300.0%	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-37	-37	1.7%	0	0	-37	-37	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	-63	-89	-29.4%	-39	-49	-24	-40	0	0	0	0
New Jersey	-11	-12	-8.5%	-11	-12	0	0	0	0	0	0
New York	-28	-37	-24.9%	-28	-37	0	0	0	0	0	0
Pennsylvania	-24	-40	-39.8%	0	0	-24	-40	0	0	0	0
East North Central	-24	-35	-31.4%	-24	-35	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	-24	-35	-31.4%	-24	-35	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	25	5	442.7%	25	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	25	5	442.7%	25	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	-87	-129	-32.1%	-87	-129	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	-14	-3	349.1%	-14	-3	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	7	0	--	7	0	0	0	0	0	0	0
South Carolina	-38	-61	-37.5%	-38	-61	0	0	0	0	0	0
Virginia	-42	-65	-34.4%	-42	-65	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-24	-31	-22.3%	-24	-31	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	-24	-31	-22.3%	-24	-31	0	0	0	0	0	0
West South Central	-4	0	NM	-4	0	0	0	0	0	0	0
Arkansas	0	10	-100.0%	0	10	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-4	-10	-59.7%	-4	-10	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-25	-9	177.9%	-25	-9	0	0	0	0	0	0
Arizona	0	-3	-114.9%	0	-3	0	0	0	0	0	0
Colorado	-26	-6	338.7%	-26	-6	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	33	-53	-161.1%	33	-53	0	0	0	0	0	0
California	32	-53	-160.4%	32	-53	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	1	-1	-216.6%	1	-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	-208	-378	-45.1%	-146	-301	-62	-77	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 April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	-158	-147	6.9%	0	0	-158	-147	0	0	0	0
Connecticut	-7	-4	87.1%	0	0	-7	-4	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-151	-144	5.0%	0	0	-151	-144	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	-342	-405	-15.5%	-184	-253	-157	-152	0	0	0	0
New Jersey	-60	-71	-15.7%	-60	-71	0	0	0	0	0	0
New York	-125	-182	-31.4%	-125	-182	0	0	0	0	0	0
Pennsylvania	-157	-152	3.6%	0	0	-157	-152	0	0	0	0
East North Central	-109	-202	-45.9%	-109	-202	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	-109	-202	-45.9%	-109	-202	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	89	3	NM	89	3	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	89	3	NM	89	3	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	-605	-555	9.0%	-605	-555	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	-228	-33	584.3%	-228	-33	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	59	0	--	59	0	0	0	0	0	0	0
South Carolina	-215	-196	9.6%	-215	-196	0	0	0	0	0	0
Virginia	-221	-325	-32.1%	-221	-325	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-114	-85	33.9%	-114	-85	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	-114	-85	33.9%	-114	-85	0	0	0	0	0	0
West South Central	-13	-8	55.1%	-13	-8	0	0	0	0	0	0
Arkansas	3	29	-91.2%	3	29	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-16	-37	-58.0%	-16	-37	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-109	-47	129.2%	-109	-47	0	0	0	0	0	0
Arizona	-11	-11	-3.7%	-11	-11	0	0	0	0	0	0
Colorado	-98	-36	170.7%	-98	-36	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	-150	-88	69.6%	-150	-88	0	0	0	0	0	0
California	-176	-86	105.7%	-176	-86	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	27	-2	NM	27	-2	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	-1,510	-1,534	-1.6%	-1,195	-1,235	-315	-299	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, April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	159	156	1.6%	0	0	128	136	10	12	21	9
Connecticut	41	47	-12.9%	0	0	39	45	NM	NM	0	0
Maine	38	27	38.8%	0	0	9	9	NM	9	21	9
Massachusetts	75	77	-1.9%	0	0	75	77	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	191	199	-4.1%	0	0	152	159	38	40	0	0
New Jersey	38	44	-14.9%	0	0	25	33	12	12	0	0
New York	81	81	0.0%	0	0	64	62	17	19	0	0
Pennsylvania	72	74	-2.2%	0	0	63	64	9	10	0	0
East North Central	101	109	-7.9%	7	11	11	12	18	16	65	70
Illinois	21	24	-12.6%	0	0	0	0	0	0	21	24
Indiana	41	39	4.8%	0	7	0	0	NM	NM	39	30
Michigan	33	43	-23.8%	4	3	11	12	16	14	1	14
Ohio	0	1	-74.8%	0	0	0	0	0	0	0	1
Wisconsin	6	2	200.2%	3	2	0	0	0	0	NM	0
West North Central	41	36	14.0%	25	21	9	9	NM	NM	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	32	33	-2.3%	16	17	9	9	NM	NM	NM	NM
Missouri	6	0	NM	6	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	NM	3	NM	NM	3	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	327	320	2.0%	0	0	172	170	17	18	138	132
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	237	228	4.2%	0	0	103	109	0	0	134	119
Georgia	0	9	-99.2%	0	0	0	0	0	0	0	9
Maryland	27	25	9.8%	0	0	27	25	NM	0	0	0
North Carolina	20	17	19.3%	0	0	20	17	0	0	0	0
South Carolina	5	4	10.2%	0	0	NM	NM	0	0	4	4
Virginia	37	38	-1.3%	0	0	21	20	17	18	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	2	NM	NM	0	0	0	0	0	0	2	NM
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	0	0	0	0	NM	NM
Tennessee	1	0	NM	0	0	0	0	0	0	1	0
West South Central	80	36	121.5%	0	0	NM	0	0	0	80	36
Arkansas	1	1	3.2%	0	0	0	0	0	0	1	1
Louisiana	27	15	82.9%	0	0	0	0	0	0	27	15
Oklahoma	NM	0	--	0	0	0	0	0	0	NM	0
Texas	51	21	150.0%	0	0	NM	0	0	0	51	21
Mountain	30	35	-16.3%	NM	NM	25	13	0	0	NM	20
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	NM	4	NM	0	0	NM	NM	0	0	NM	NM
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	23	12	92.8%	0	0	23	12	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	17	NM	0	0	NM	NM	0	0	0	16
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	81	80	0.2%	0	0	23	28	0	0	58	52
California	66	66	-0.2%	0	0	14	19	0	0	52	47
Oregon	NM	3	NM	0	0	NM	3	0	0	0	0
Washington	12	11	4.6%	0	0	6	6	0	0	6	5
Pacific Noncontiguous	20	19	4.4%	5	NM	0	1	15	15	0	0
Alaska	5	NM	NM	5	NM	0	0	0	0	0	0
Hawaii	15	16	-7.3%	0	0	0	1	15	15	0	0
U.S. Total	1,030	993	3.8%	39	37	521	528	100	103	371	324

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 April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	604	625	-3.3%	0	0	515	546	38	41	52	37
Connecticut	185	198	-6.3%	0	0	177	189	8	9	0	0
Maine	123	120	3.1%	0	0	42	51	29	32	52	37
Massachusetts	276	287	-3.8%	0	0	276	287	0	0	0	0
New Hampshire	20	20	-3.1%	0	0	20	20	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	723	724	-0.1%	0	0	576	576	147	148	0	0
New Jersey	151	167	-9.1%	0	0	102	120	49	47	0	0
New York	299	301	-0.5%	0	0	234	232	65	68	0	0
Pennsylvania	272	257	6.2%	0	0	240	224	32	33	0	0
East North Central	362	335	8.0%	31	41	51	49	58	52	221	193
Illinois	82	88	-6.5%	0	0	0	0	0	0	82	88
Indiana	142	108	31.0%	18	29	0	0	NM	6	118	73
Michigan	116	122	-4.7%	5	6	51	49	52	46	7	21
Ohio	3	4	-30.2%	0	0	0	0	0	0	3	4
Wisconsin	18	13	46.4%	7	6	0	0	0	0	11	7
West North Central	139	129	8.1%	80	67	34	36	8	8	17	17
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	106	112	-5.0%	47	51	34	36	8	8	17	17
Missouri	22	5	314.6%	22	5	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	11	11	-4.1%	11	11	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	1,230	1,271	-3.2%	0	0	678	709	63	64	489	498
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	902	912	-1.1%	0	0	427	456	0	0	474	456
Georgia	1	28	-98.0%	0	0	0	0	0	0	1	28
Maryland	91	95	-3.7%	0	0	91	95	NM	NM	0	0
North Carolina	74	72	2.9%	0	0	74	72	0	0	0	0
South Carolina	17	17	-0.9%	0	0	NM	NM	0	0	14	15
Virginia	146	149	-1.6%	0	0	84	84	63	64	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	24	NM	NM	16	0	0	0	0	0	8	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	6	0	NM	0	0	0	0	0	0	6	0
West South Central	378	253	49.7%	0	0	NM	NM	0	0	376	251
Arkansas	5	4	9.3%	0	0	0	0	0	0	5	4
Louisiana	160	145	10.9%	0	0	0	0	0	0	160	145
Oklahoma	NM	NM	NM	0	0	0	0	0	0	NM	NM
Texas	209	101	106.5%	0	0	NM	NM	0	0	207	100
Mountain	128	177	-27.5%	8	8	109	97	0	0	11	72
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	14	16	-8.6%	0	0	NM	4	0	0	11	12
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	105	91	14.6%	0	0	105	91	0	0	0	0
Nevada	7	8	-3.2%	7	8	0	0	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	NM	62	NM	0	0	NM	NM	0	0	0	60
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	313	329	-4.9%	0	0	95	108	0	0	218	222
California	256	267	-4.0%	0	0	61	72	0	0	195	195
Oregon	11	12	-4.3%	0	0	11	12	0	0	0	0
Washington	46	51	-9.3%	0	0	23	24	0	0	23	27
Pacific Noncontiguous	67	71	-5.6%	NM	NM	2	3	59	59	0	0
Alaska	NM	9	NM	NM	9	0	0	0	0	0	0
Hawaii	60	62	-2.2%	0	0	2	3	59	59	0	0
U.S. Total	3,969	3,915	1.4%	141	126	2,063	2,125	373	372	1,391	1,292

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, April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	209	202	3.4%	26	28	177	171	NM	NM	NM	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	111	104	7.2%	0	0	111	104	0	0	0	0
Massachusetts	22	23	-1.2%	6	7	13	13	NM	NM	NM	0
New Hampshire	42	42	0.2%	0	0	42	42	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	NM	0	0	0
Vermont	31	33	-4.4%	21	21	11	12	0	0	0	0
Middle Atlantic	741	844	-12.3%	0	0	740	844	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	391	443	-11.8%	0	0	390	443	0	0	NM	NM
Pennsylvania	348	400	-12.9%	0	0	348	400	0	0	0	0
East North Central	2,218	2,185	1.5%	221	215	1,993	1,967	NM	NM	NM	NM
Illinois	1,072	1,096	-2.1%	NM	NM	1,071	1,095	NM	0	0	0
Indiana	425	388	9.7%	0	0	425	388	NM	NM	0	0
Michigan	435	387	12.6%	112	98	323	289	0	0	0	0
Ohio	120	135	-11.1%	NM	NM	116	130	0	0	NM	NM
Wisconsin	165	180	-8.6%	106	115	58	65	0	0	NM	0
West North Central	4,829	5,048	-4.3%	1,599	1,559	3,227	3,486	NM	3	0	0
Iowa	1,608	1,759	-8.6%	981	982	627	776	NM	NM	0	0
Kansas	997	1,140	-12.6%	85	97	912	1,043	0	0	0	0
Minnesota	891	942	-5.5%	193	205	695	734	NM	3	0	0
Missouri	97	126	-23.2%	0	0	97	126	0	0	0	0
Nebraska	283	224	26.3%	19	22	265	203	0	0	0	0
North Dakota	661	577	14.4%	256	186	405	392	0	0	0	0
South Dakota	292	279	4.6%	66	67	225	212	0	0	0	0
South Atlantic	177	175	1.0%	0	0	176	175	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	39	31	24.0%	0	0	39	31	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	143	-4.0%	0	0	137	143	0	0	0	0
East South Central	6	6	-12.0%	0	0	6	6	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	6	6	-12.0%	0	0	6	6	0	0	0	0
West South Central	5,261	5,260	0.0%	157	216	5,101	5,044	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	1,226	1,251	-2.0%	131	188	1,095	1,063	0	0	0	0
Texas	4,035	4,009	0.6%	26	28	4,006	3,982	NM	0	0	0
Mountain	1,693	2,048	-17.3%	160	246	1,532	1,801	NM	NM	NM	NM
Arizona	53	58	-9.1%	0	0	53	58	0	0	0	0
Colorado	671	757	-11.4%	15	18	655	738	NM	NM	NM	NM
Idaho	235	291	-19.3%	13	16	222	275	0	0	0	0
Montana	150	189	-20.5%	15	24	135	165	0	0	0	0
Nevada	34	26	28.0%	0	0	34	26	0	0	0	0
New Mexico	220	256	-13.9%	0	0	220	255	NM	NM	0	0
Utah	60	55	9.3%	0	0	60	55	0	0	0	0
Wyoming	270	416	-35.1%	117	187	153	228	0	0	0	0
Pacific Contiguous	2,619	2,874	-8.9%	579	626	2,040	2,248	NM	NM	NM	NM
California	1,299	1,389	-6.4%	82	117	1,217	1,272	NM	NM	NM	NM
Oregon	639	716	-10.7%	121	128	518	588	0	0	0	0
Washington	681	769	-11.5%	376	381	305	388	0	0	0	0
Pacific Noncontiguous	84	88	-4.6%	10	11	74	77	0	0	0	0
Alaska	14	16	-11.1%	10	11	5	5	0	0	0	0
Hawaii	70	72	-3.2%	0	0	70	72	0	0	0	0
U.S. Total	17,835	18,731	-4.8%	2,751	2,901	15,066	15,817	13	9	NM	4

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 April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	883	831	6.2%	107	97	757	722	16	12	NM	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	481	444	8.5%	0	0	481	444	0	0	0	0
Massachusetts	86	93	-7.1%	23	26	50	55	11	12	NM	0
New Hampshire	177	173	2.4%	0	0	177	173	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	NM	0	0	0
Vermont	131	119	9.9%	84	71	47	48	0	0	0	0
Middle Atlantic	3,122	3,211	-2.8%	0	0	3,120	3,209	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	1,650	1,666	-1.0%	0	0	1,648	1,665	0	0	NM	NM
Pennsylvania	1,467	1,540	-4.8%	0	0	1,467	1,540	0	0	0	0
East North Central	8,580	8,469	1.3%	835	839	7,729	7,617	NM	NM	15	13
Illinois	4,003	4,322	-7.4%	NM	NM	3,998	4,318	NM	0	0	0
Indiana	1,673	1,377	21.5%	0	0	1,673	1,377	NM	NM	0	0
Michigan	1,816	1,543	17.7%	427	374	1,389	1,169	0	0	0	0
Ohio	463	515	-10.1%	NM	6	446	496	0	0	12	13
Wisconsin	625	712	-12.2%	399	455	223	257	0	0	NM	0
West North Central	18,883	19,394	-2.6%	6,296	5,972	12,575	13,409	12	13	0	0
Iowa	6,650	6,672	-0.3%	3,950	3,691	2,698	2,979	NM	NM	0	0
Kansas	3,571	4,062	-12.1%	300	338	3,271	3,724	0	0	0	0
Minnesota	3,486	3,714	-6.1%	741	804	2,735	2,898	10	12	0	0
Missouri	387	477	-18.9%	0	0	387	477	0	0	0	0
Nebraska	1,180	832	41.8%	86	83	1,093	749	0	0	0	0
North Dakota	2,504	2,508	-0.2%	961	791	1,543	1,717	0	0	0	0
South Dakota	1,105	1,129	-2.1%	258	265	847	864	0	0	0	0
South Atlantic	795	753	5.5%	0	0	793	751	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	179	129	39.1%	0	0	179	129	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	614	622	-1.4%	0	0	614	622	0	0	0	0
East South Central	19	23	-15.0%	0	0	19	23	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	19	23	-15.0%	0	0	19	23	0	0	0	0
West South Central	17,130	18,520	-7.5%	549	737	16,571	17,783	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	4,294	4,343	-1.1%	465	631	3,829	3,712	0	0	0	0
Texas	12,835	14,177	-9.5%	83	106	12,742	14,071	NM	0	0	0
Mountain	6,935	8,143	-14.8%	856	1,099	6,075	7,040	NM	NM	NM	NM
Arizona	135	167	-19.3%	0	0	135	167	0	0	0	0
Colorado	2,752	2,802	-1.8%	55	74	2,694	2,725	NM	NM	NM	NM
Idaho	868	1,114	-22.1%	48	65	819	1,049	0	0	0	0
Montana	802	792	1.2%	91	98	711	694	0	0	0	0
Nevada	106	98	7.9%	0	0	106	98	0	0	0	0
New Mexico	629	950	-33.8%	0	0	628	948	NM	NM	0	0
Utah	179	227	-21.5%	0	0	179	227	0	0	0	0
Wyoming	1,465	1,992	-26.5%	662	861	803	1,131	0	0	0	0
Pacific Contiguous	6,841	8,892	-23.1%	1,578	2,003	5,260	6,888	NM	NM	NM	NM
California	3,064	4,016	-23.7%	165	347	2,896	3,669	NM	NM	NM	NM
Oregon	1,726	2,365	-27.0%	294	390	1,432	1,975	0	0	0	0
Washington	2,051	2,510	-18.3%	1,119	1,266	932	1,245	0	0	0	0
Pacific Noncontiguous	232	240	-3.3%	38	42	194	198	0	0	0	0
Alaska	55	61	-9.4%	38	42	17	19	0	0	0	0
Hawaii	177	179	-1.2%	0	0	177	179	0	0	0	0
U.S. Total	63,418	68,477	-7.4%	10,258	10,789	53,093	57,641	45	32	21	16

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, April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	552	536	2.9%	17	17	406	364	16	16	113	140
Connecticut	56	55	1.4%	0	0	53	52	NM	3	0	0
Maine	242	249	-2.7%	0	0	120	100	9	9	113	140
Massachusetts	99	101	-1.8%	0	0	99	101	0	0	0	0
New Hampshire	117	91	29.0%	8	6	106	81	NM	4	0	0
Rhode Island	16	18	-9.1%	0	0	16	18	0	0	0	0
Vermont	NM	23	NM	9	11	NM	NM	NM	NM	0	0
Middle Atlantic	463	482	-3.9%	0	0	355	360	42	44	67	79
New Jersey	75	84	-11.0%	0	0	62	72	13	12	0	0
New York	184	194	-4.9%	0	0	150	146	18	20	15	27
Pennsylvania	204	204	0.0%	0	0	142	141	10	11	51	52
East North Central	454	468	-3.0%	39	56	262	279	20	17	134	116
Illinois	50	55	-9.4%	0	0	50	55	0	0	0	0
Indiana	30	33	-6.3%	26	27	0	0	NM	2	NM	4
Michigan	191	191	-0.1%	0	0	119	127	17	14	54	50
Ohio	62	65	-3.5%	NM	NM	36	38	0	0	26	26
Wisconsin	120	125	-3.4%	13	28	57	59	NM	NM	50	36
West North Central	154	161	-4.7%	43	43	67	71	6	5	37	42
Iowa	11	12	-7.9%	NM	2	7	7	NM	2	0	0
Kansas	5	5	-5.7%	0	0	5	5	0	0	0	0
Minnesota	126	133	-5.5%	34	34	54	57	NM	NM	37	41
Missouri	7	5	30.3%	3	3	NM	2	2	0	NM	NM
Nebraska	5	6	-7.2%	4	4	0	0	NM	NM	0	0
North Dakota	0	NM	NM	0	0	0	0	0	0	0	NM
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	1,376	1,458	-5.6%	98	105	458	481	30	33	791	838
Delaware	5	5	-5.9%	0	0	5	5	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	383	411	-6.7%	8	9	203	222	NM	2	169	178
Georgia	345	310	11.1%	0	0	55	37	NM	2	288	271
Maryland	45	48	-7.6%	0	0	35	33	NM	NM	8	13
North Carolina	177	223	-20.6%	0	0	87	108	5	6	86	110
South Carolina	141	201	-29.8%	25	39	NM	8	0	0	109	153
Virginia	281	259	8.3%	65	58	66	69	18	20	132	113
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	510	516	-1.2%	8	8	17	25	0	0	485	482
Alabama	265	266	-0.4%	0	0	10	18	0	0	255	248
Kentucky	41	42	-1.3%	8	8	0	0	0	0	33	33
Mississippi	129	124	3.7%	0	0	NM	NM	0	0	128	123
Tennessee	75	84	-10.6%	0	0	6	7	0	0	69	78
West South Central	482	515	-6.3%	0	0	61	70	NM	3	418	441
Arkansas	124	136	-8.8%	0	0	8	9	NM	NM	115	126
Louisiana	207	211	-1.8%	0	0	6	6	0	0	201	205
Oklahoma	25	27	-8.2%	0	0	0	0	0	0	25	27
Texas	126	141	-10.2%	0	0	46	54	NM	3	77	84
Mountain	81	85	-4.7%	3	4	45	47	0	0	33	34
Arizona	15	15	0.9%	NM	2	13	13	0	0	0	0
Colorado	6	8	-17.8%	0	1	6	7	0	0	0	0
Idaho	50	52	-4.1%	NM	NM	16	18	0	0	33	34
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	6	6	-5.7%	0	0	6	6	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	735	782	-6.0%	61	53	397	419	79	89	198	222
California	506	549	-7.8%	17	17	361	382	77	86	52	63
Oregon	76	85	-10.3%	5	5	28	28	NM	2	41	50
Washington	153	148	3.2%	40	30	8	8	NM	NM	105	109
Pacific Noncontiguous	29	31	-5.0%	2	1	0	0	19	20	9	10
Alaska	NM	4	NM	0	0	0	0	NM	4	NM	NM
Hawaii	26	27	-3.8%	2	1	0	0	15	16	9	10
U.S. Total	4,837	5,034	-3.9%	271	288	2,067	2,116	213	226	2,285	2,404

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 April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	2,565	2,527	1.5%	195	214	1,752	1,619	57	58	562	636
Connecticut	250	248	0.6%	0	0	239	238	11	10	0	0
Maine	1,201	1,197	0.3%	0	0	606	528	33	33	562	636
Massachusetts	367	382	-3.9%	0	0	366	381	NM	NM	0	0
New Hampshire	516	471	9.5%	92	106	412	352	12	13	0	0
Rhode Island	74	64	14.5%	0	0	74	64	0	0	0	0
Vermont	159	165	-3.6%	103	107	56	57	NM	NM	0	0
Middle Atlantic	1,846	1,859	-0.7%	0	0	1,397	1,394	163	163	286	303
New Jersey	299	318	-5.9%	0	0	244	267	55	51	0	0
New York	746	777	-3.9%	0	0	594	606	71	74	81	96
Pennsylvania	800	765	4.7%	0	0	558	521	37	38	205	206
East North Central	1,926	2,041	-5.7%	169	225	1,116	1,212	67	58	574	546
Illinois	199	211	-5.6%	0	0	199	211	0	NM	0	0
Indiana	119	124	-3.4%	99	103	0	0	6	6	14	15
Michigan	839	895	-6.3%	0	0	539	609	55	47	246	240
Ohio	255	259	-1.4%	4	3	140	145	0	0	112	111
Wisconsin	513	553	-7.1%	66	119	239	248	6	5	202	181
West North Central	652	671	-3.0%	161	161	284	293	34	32	172	186
Iowa	49	52	-5.5%	8	8	27	27	9	9	5	7
Kansas	18	19	-3.6%	0	0	18	19	0	0	0	0
Minnesota	524	544	-3.8%	124	124	233	240	8	7	158	173
Missouri	34	31	7.2%	13	13	7	7	11	10	NM	NM
Nebraska	21	22	-2.6%	15	16	0	0	6	6	0	0
North Dakota	6	4	63.4%	0	0	0	0	0	0	6	4
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	5,790	5,917	-2.1%	525	510	1,908	1,993	124	122	3,234	3,292
Delaware	18	19	-4.0%	0	0	18	19	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,605	1,647	-2.5%	34	33	874	927	14	11	683	676
Georgia	1,387	1,294	7.2%	0	0	208	181	9	8	1,171	1,105
Maryland	178	194	-8.3%	0	0	122	126	13	12	43	55
North Carolina	728	849	-14.3%	0	0	335	413	19	20	374	416
South Carolina	645	774	-16.7%	137	153	30	32	0	0	478	589
Virginia	1,227	1,140	7.7%	354	324	320	293	69	71	484	451
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	2,007	2,062	-2.7%	31	33	94	95	0	0	1,882	1,935
Alabama	1,052	1,065	-1.3%	0	0	66	66	0	0	986	999
Kentucky	166	170	-2.5%	31	32	0	0	0	0	135	138
Mississippi	471	502	-6.2%	0	1	4	4	0	0	468	498
Tennessee	318	325	-2.1%	0	0	24	25	0	0	294	299
West South Central	2,089	2,043	2.2%	31	0	279	295	15	14	1,765	1,734
Arkansas	525	522	0.5%	0	0	39	38	NM	NM	484	482
Louisiana	889	857	3.7%	0	0	23	24	0	0	866	833
Oklahoma	103	106	-2.5%	0	0	0	0	0	0	103	106
Texas	571	557	2.5%	31	0	216	232	13	13	311	313
Mountain	325	337	-3.6%	12	15	195	194	0	0	119	128
Arizona	76	72	4.8%	8	8	68	64	0	0	0	0
Colorado	28	30	-8.9%	0	3	28	27	0	0	0	0
Idaho	186	198	-5.9%	4	4	64	66	0	0	119	128
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	8	8	-4.2%	0	0	8	8	0	0	0	0
New Mexico	6	6	-2.2%	0	0	6	6	0	0	0	0
Utah	22	23	-3.5%	0	0	22	23	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	3,054	3,154	-3.1%	245	212	1,705	1,737	324	349	780	855
California	2,156	2,231	-3.4%	73	64	1,552	1,579	314	340	216	248
Oregon	329	354	-7.0%	19	20	122	126	6	7	181	201
Washington	570	569	0.2%	153	128	31	32	NM	3	382	406
Pacific Noncontiguous	133	125	6.6%	12	6	0	0	77	77	44	42
Alaska	19	18	4.8%	0	0	0	0	15	15	NM	3
Hawaii	114	107	6.9%	12	6	0	0	61	61	41	40
U.S. Total	20,386	20,737	-1.7%	1,381	1,375	8,729	8,833	860	873	9,416	9,656

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 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	328	297	10.5%	15	20	313	277	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	285	251	13.7%	0	0	285	251	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	37	40	-8.3%	15	20	22	21	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	988	1,057	-6.5%	59	69	929	988	0	0	0	0
California	972	1,041	-6.6%	59	69	913	972	0	0	0	0
Oregon	16	16	-0.3%	0	0	16	16	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	27	24	11.9%	0	0	27	24	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	27	24	11.9%	0	0	27	24	0	0	0	0
U.S. Total	1,344	1,378	-2.5%	75	89	1,269	1,289	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 April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 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	1,323	1,224	8.0%	80	93	1,243	1,131	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	18	16	14.1%	0	0	18	16	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	1,129	1,027	9.9%	0	0	1,129	1,027	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	170	176	-3.3%	80	93	90	82	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	4,164	4,146	0.4%	263	275	3,900	3,871	0	0	0	0
California	4,094	4,074	0.5%	263	275	3,830	3,799	0	0	0	0
Oregon	70	72	-3.4%	0	0	70	72	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	82	99	-17.6%	0	0	82	99	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	82	99	-17.6%	0	0	82	99	0	0	0	0
U.S. Total	5,568	5,469	1.8%	344	368	5,224	5,102	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, April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	84	38	121.1%	NM	NM	82	37	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	73	33	122.1%	NM	NM	71	32	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	106	83	28.8%	10	5	75	62	21	14	NM	NM
New Jersey	88	66	32.5%	10	5	58	47	20	14	NM	NM
New York	10	8	18.9%	0	0	9	8	NM	0	0	0
Pennsylvania	9	8	9.2%	0	0	7	7	NM	NM	NM	NM
East North Central	37	26	43.6%	NM	NM	34	24	NM	NM	NM	0
Illinois	6	6	3.9%	NM	0	6	6	0	0	0	0
Indiana	22	13	67.3%	NM	0	22	13	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	8	6	27.5%	NM	NM	6	5	NM	NM	NM	0
Wisconsin	NM	0	--	0	0	NM	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	NM	NM	0	0	NM	NM	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	224	131	70.7%	21	18	192	103	12	11	0	0
Delaware	6	6	3.1%	NM	NM	5	5	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	24	21	13.7%	16	15	7	5	NM	NM	0	0
Georgia	14	12	13.8%	NM	0	12	12	NM	NM	0	0
Maryland	13	11	13.1%	NM	NM	11	9	NM	NM	0	0
North Carolina	167	81	107.4%	NM	NM	156	71	10	9	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	11	NM	NM	0	0	10	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	11	NM	NM	0	0	10	NM	NM	NM	0	0
West South Central	34	28	22.7%	0	0	34	27	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	34	28	22.7%	0	0	34	27	NM	NM	0	0
Mountain	607	440	37.9%	66	46	533	387	9	7	NM	NM
Arizona	354	289	22.6%	51	36	300	251	2	2	0	0
Colorado	28	25	13.7%	0	0	26	23	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	159	83	90.2%	0	0	154	80	5	3	NM	NM
New Mexico	66	43	51.8%	14	10	52	34	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	1,454	880	65.2%	58	47	1,384	823	11	10	NM	NM
California	1,451	877	65.4%	57	46	1,382	821	11	10	NM	NM
Oregon	3	3	11.3%	NM	NM	NM	2	0	0	0	0
Washington	0	0	3.4%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	7	4	87.2%	NM	0	4	4	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	7	4	87.2%	NM	0	4	4	0	0	0	0
U.S. Total	2,567	1,633	57.2%	161	118	2,351	1,472	53	42	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 April 2015 and 2014 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	240	105	128.1%	6	NM	232	103	NM	NM	0	0
Connecticut	7	NM	NM	0	0	7	NM	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	207	89	132.1%	6	NM	199	87	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	21	8	165.4%	0	0	21	8	0	0	0	0
Middle Atlantic	322	234	38.0%	30	14	228	176	60	40	4	NM
New Jersey	266	188	41.2%	30	14	177	133	58	40	NM	NM
New York	28	23	24.9%	0	0	27	23	NM	0	0	0
Pennsylvania	28	23	24.7%	0	0	23	20	NM	NM	3	NM
East North Central	110	71	55.0%	6	NM	102	68	NM	NM	NM	0
Illinois	20	17	12.0%	NM	0	19	17	0	0	0	0
Indiana	67	37	81.9%	NM	0	65	37	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	24	17	38.3%	NM	NM	18	13	NM	NM	NM	0
Wisconsin	NM	0	--	0	0	NM	0	0	0	0	0
West North Central	8	NM	NM	0	0	8	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	6	NM	NM	0	0	6	NM	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	668	389	71.6%	59	61	574	296	35	32	0	0
Delaware	18	17	7.2%	NM	NM	15	14	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	68	68	-0.1%	46	53	21	14	NM	NM	0	0
Georgia	45	40	12.4%	NM	0	39	39	NM	NM	0	0
Maryland	36	32	11.0%	3	NM	30	27	NM	NM	0	0
North Carolina	499	230	116.7%	NM	NM	466	200	31	28	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	32	7	355.1%	0	0	31	6	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	32	7	355.1%	0	0	31	6	NM	NM	0	0
West South Central	109	81	34.8%	0	0	108	80	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	109	81	34.8%	0	0	108	80	NM	NM	0	0
Mountain	1,795	1,419	26.5%	198	140	1,572	1,257	25	21	NM	NM
Arizona	1,016	933	8.9%	157	111	853	815	6	6	0	0
Colorado	86	82	4.8%	0	0	80	77	6	5	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	494	267	84.8%	0	0	481	256	13	10	NM	NM
New Mexico	197	136	44.6%	41	28	156	108	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	4,290	2,439	75.8%	170	141	4,086	2,269	33	29	NM	NM
California	4,280	2,430	76.1%	167	138	4,079	2,262	33	29	NM	NM
Oregon	9	9	4.9%	NM	NM	7	7	0	0	0	0
Washington	0	0	8.6%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	21	10	102.3%	9	0	12	10	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	21	10	102.3%	9	0	12	10	0	0	0	0
U.S. Total	7,595	4,758	59.6%	477	361	6,954	4,267	157	125	7	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.
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-April 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
March	58,445	44,011	14,026	25	384
April	48,704	37,578	10,798	16	312
Year to Date					
2013	273,454	202,288	69,450	194	1,522
2014	290,238	213,613	74,852	107	1,666
2015	245,849	184,297	60,019	94	1,440
Rolling 12 Months Ending in April					
2014	877,512	649,651	222,621	426	4,814
2015	810,028	606,857	198,165	256	4,750

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-April 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
March	1,521	0	170	92	1,259
April	1,305	0	121	71	1,113
Year to Date					
2013	6,300	0	817	324	5,158
2014	6,579	0	837	433	5,308
2015	5,796	0	633	357	4,807
Rolling 12 Months Ending in April					
2014	18,629	0	2,436	953	15,240
2015	17,435	0	2,052	978	14,406

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-April 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
March	59,966	44,011	14,196	117	1,643
April	50,009	37,578	10,919	87	1,426
Year to Date					
2013	279,753	202,288	70,267	518	6,680
2014	296,817	213,613	75,689	541	6,974
2015	251,645	184,297	60,651	451	6,247
Rolling 12 Months Ending in April					
2014	896,142	649,651	225,057	1,379	20,054
2015	827,463	606,857	200,217	1,233	19,155

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-April 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
March	1,834	1,270	469	30	65
April	1,555	1,273	215	19	48
Year to Date					
2013	8,176	5,757	2,075	130	214
2014	18,868	9,816	8,357	406	289
2015	15,632	8,387	6,615	340	290
Rolling 12 Months Ending in April					
2014	33,923	20,886	11,777	603	NM
2015	28,848	18,768	8,939	499	642

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-April 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
March	313	0	90	46	178
April	250	0	84	21	145
Year to Date					
2013	1,264	0	320	275	669
2014	2,315	0	488	657	1,171
2015	2,138	0	479	550	1,109
Rolling 12 Months Ending in April					
2014	4,507	0	1,217	880	NM
2015	4,111	0	1,188	762	2,161

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-April 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
March	2,148	1,270	559	76	243
April	1,804	1,273	299	40	193
Year to Date					
2013	9,440	5,757	2,395	405	883
2014	21,183	9,816	8,845	1,062	1,459
2015	17,769	8,387	7,094	890	1,399
Rolling 12 Months Ending in April					
2014	38,430	20,886	12,994	1,484	NM
2015	32,959	18,768	10,128	1,261	2,803

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-April 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
March	279	196	61	0	23
April	297	211	59	0	27
Year to Date					
2013	1,406	927	258	1	220
2014	1,539	1,169	224	1	146
2015	1,367	1,023	233	1	110
Rolling 12 Months Ending in April					
2014	4,986	3,652	745	2	587
2015	4,153	3,210	607	2	334

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-April 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
March	121	0	8	2	111
April	103	0	10	1	92
Year to Date					
2013	483	0	34	5	444
2014	438	0	32	6	399
2015	477	0	36	8	433
Rolling 12 Months Ending in April					
2014	1,441	0	95	13	1,334
2015	1,534	0	94	18	1,423

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-April 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
March	400	196	69	2	133
April	400	211	68	2	119
Year to Date					
2013	1,888	927	292	5	665
2014	1,977	1,169	256	7	545
2015	1,844	1,023	269	9	543
Rolling 12 Months Ending in April					
2014	6,427	3,652	840	14	1,921
2015	5,687	3,210	701	20	1,756

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-April 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
March	740,011	335,198	352,615	5,328	46,870
April	691,236	318,449	323,944	4,598	44,245
Year to Date					
2013	2,498,767	1,150,324	1,120,604	20,514	207,325
2014	2,438,094	1,069,539	1,143,922	21,006	203,627
2015	2,850,426	1,288,630	1,350,254	19,967	191,575
Rolling 12 Months Ending in April					
2014	8,535,626	3,889,662	3,940,449	67,062	638,454
2015	8,915,296	3,942,928	4,313,155	62,758	596,455

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-April 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
March	81,551	0	28,867	4,724	47,960
April	75,604	0	26,206	4,112	45,286
Year to Date					
2013	285,425	0	97,883	15,782	171,760
2014	299,194	0	107,770	16,729	174,696
2015	309,351	0	108,829	18,235	182,287
Rolling 12 Months Ending in April					
2014	896,155	0	313,065	52,003	531,087
2015	887,263	0	319,510	49,510	518,242

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-April 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
March	821,562	335,198	381,482	10,052	94,830
April	766,840	318,449	350,150	8,711	89,531
Year to Date					
2013	2,784,192	1,150,324	1,218,487	36,296	379,085
2014	2,737,288	1,069,539	1,251,692	37,734	378,323
2015	3,159,777	1,288,630	1,459,083	38,202	373,862
Rolling 12 Months Ending in April					
2014	9,431,781	3,889,662	4,253,514	119,065	1,169,541
2015	9,802,559	3,942,928	4,632,665	112,269	1,114,697

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-April 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
March	25,450	2,633	19,699	2,640	479
April	25,248	2,688	20,046	2,127	387
Year to Date					
2013	87,270	8,693	68,238	8,917	1,421
2014	103,781	10,950	81,127	9,931	1,773
2015	101,462	10,615	79,167	9,880	1,800
Rolling 12 Months Ending in April					
2014	288,479	29,515	224,831	29,157	4,975
2015	311,251	32,976	245,527	27,624	5,123

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-April 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
March	268	0	150	79	39
April	82	0	49	33	0
Year to Date					
2013	263	0	92	125	47
2014	676	0	372	216	88
2015	1,025	0	588	291	146
Rolling 12 Months Ending in April					
2014	1,245	0	542	515	188
2015	2,151	0	1,231	671	249

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-April 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
March	25,718	2,633	19,848	2,719	517
April	25,330	2,688	20,095	2,160	387
Year to Date					
2013	87,533	8,693	68,329	9,042	1,468
2014	104,458	10,950	81,499	10,148	1,861
2015	102,487	10,615	79,755	10,171	1,946
Rolling 12 Months Ending in April					
2014	289,724	29,515	225,373	29,672	5,163
2015	313,402	32,976	246,758	28,295	5,372

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-April 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
March	1,225	28	1,006	190	1
April	1,243	41	1,021	181	0
Year to Date					
2013	5,309	136	4,411	760	2
2014	5,063	135	4,206	719	3
2015	4,887	124	4,033	727	3
Rolling 12 Months Ending in April					
2014	16,760	456	13,852	2,444	9
2015	15,579	433	12,896	2,242	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-April 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
March	163	0	58	93	12
April	154	0	51	90	12
Year to Date					
2013	631	0	170	401	60
2014	589	0	201	340	48
2015	619	0	222	351	46
Rolling 12 Months Ending in April					
2014	1,823	0	548	1,099	176
2015	1,849	0	615	1,089	146

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-April 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
March	1,388	28	1,064	283	13
April	1,397	41	1,072	271	13
Year to Date					
2013	5,940	136	4,581	1,161	62
2014	5,652	135	4,407	1,059	51
2015	5,506	124	4,255	1,078	49
Rolling 12 Months Ending in April					
2014	18,583	456	14,400	3,543	184
2015	17,429	433	13,511	3,331	154

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, April 2015 and April 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	19	168	-88.0%	2	19	17	148	0	0	1	1
Connecticut	3	23	-89.0%	0	0	3	23	0	0	0	0
Maine	1	2	-34.0%	0	0	1	1	0	0	0	0
Massachusetts	14	124	-89.0%	0	0	13	124	0	0	NM	NM
New Hampshire	2	19	-90.0%	2	19	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	2,014	3,431	-41.0%	NM	NM	1,996	3,408	NM	NM	18	22
New Jersey	27	43	-38.0%	0	0	27	43	0	0	0	0
New York	33	184	-82.0%	NM	NM	27	178	0	0	5	5
Pennsylvania	1,955	3,203	-39.0%	0	0	1,942	3,186	NM	NM	13	17
East North Central	11,495	13,393	-14.0%	8,422	9,154	2,992	4,144	4	6	78	88
Illinois	2,878	3,906	-26.0%	377	341	2,457	3,517	2	1	42	47
Indiana	2,695	3,453	-22.0%	2,476	3,271	220	179	NM	3	NM	NM
Michigan	2,381	1,845	29.0%	2,346	1,806	18	19	2	3	14	17
Ohio	2,084	2,899	-28.0%	1,782	2,462	297	429	NM	NM	5	7
Wisconsin	1,458	1,290	13.0%	1,442	1,274	0	0	NM	NM	16	17
West North Central	8,861	8,918	-0.6%	8,744	8,783	1	1	3	5	113	129
Iowa	1,269	1,141	11.0%	1,212	1,073	0	0	2	3	55	65
Kansas	1,375	1,328	3.6%	1,375	1,328	0	0	0	0	0	0
Minnesota	912	980	-6.9%	888	952	0	0	0	0	24	28
Missouri	2,441	2,762	-12.0%	2,437	2,757	1	1	2	2	1	2
Nebraska	1,128	933	21.0%	1,101	905	0	0	0	0	27	28
North Dakota	1,735	1,617	7.3%	1,730	1,611	0	0	0	0	5	6
South Dakota	0	156	-100.0%	0	156	0	0	0	0	0	0
South Atlantic	6,381	8,021	-20.0%	5,422	6,524	927	1,449	2	1	30	46
Delaware	0	42	-100.0%	0	0	0	42	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,474	1,566	-5.9%	1,435	1,530	37	33	0	0	NM	NM
Georgia	1,485	1,446	2.7%	1,481	1,437	0	0	0	0	4	9
Maryland	315	525	-40.0%	0	0	311	520	NM	NM	3	4
North Carolina	697	1,014	-31.0%	668	958	26	52	1	0	NM	4
South Carolina	510	851	-40.0%	507	846	0	0	0	0	3	5
Virginia	227	420	-46.0%	195	368	NM	42	NM	NM	5	10
West Virginia	1,673	2,157	-22.0%	1,136	1,386	526	759	0	0	11	12
East South Central	5,154	6,247	-17.0%	4,830	5,988	304	236	NM	NM	20	23
Alabama	1,367	1,610	-15.0%	1,363	1,608	0	0	0	0	3	2
Kentucky	2,457	2,782	-12.0%	2,457	2,782	0	0	0	0	0	0
Mississippi	413	414	-0.4%	108	178	304	236	0	0	0	0
Tennessee	919	1,441	-36.0%	901	1,420	0	0	NM	NM	17	21
West South Central	7,264	10,121	-28.0%	3,506	4,924	3,749	5,181	0	0	9	15
Arkansas	749	1,401	-47.0%	575	1,136	173	264	0	0	1	1
Louisiana	387	801	-52.0%	101	206	286	595	0	0	0	0
Oklahoma	1,030	1,232	-16.0%	978	1,134	43	84	0	0	NM	14
Texas	5,098	6,687	-24.0%	1,851	2,448	3,247	4,239	0	0	0	0
Mountain	7,443	7,595	-2.0%	6,645	6,797	761	758	0	0	37	39
Arizona	1,410	1,612	-13.0%	1,410	1,612	0	0	0	0	0	0
Colorado	1,261	1,293	-2.4%	1,260	1,290	NM	NM	0	0	NM	NM
Idaho	1	1	-4.2%	0	0	0	0	0	0	1	1
Montana	721	673	7.2%	NM	NM	701	656	0	0	NM	NM
Nevada	63	239	-74.0%	59	191	5	48	0	0	0	0
New Mexico	928	973	-4.7%	928	973	0	0	0	0	0	0
Utah	1,020	896	14.0%	979	849	NM	NM	0	0	19	21
Wyoming	2,038	1,908	6.8%	1,989	1,866	NM	NM	0	0	16	16
Pacific Contiguous	9	162	-95.0%	0	10	NM	148	0	0	7	4
California	8	23	-66.0%	0	0	NM	19	0	0	6	3
Oregon	0	10	-100.0%	0	10	0	0	0	0	0	0
Washington	1	129	-99.0%	0	0	0	128	0	0	1	1
Pacific Noncontiguous	63	96	-35.0%	6	16	49	73	7	6	NM	NM
Alaska	28	37	-24.0%	6	16	15	15	7	6	0	0
Hawaii	35	60	-41.0%	0	0	34	58	0	0	NM	NM
U.S. Total	48,704	58,151	-16.0%	37,578	42,217	10,798	15,546	16	20	312	369

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 April 2015 and April 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	1,363	1,777	-23.0%	354	402	1,001	1,367	0	0	8	7
Connecticut	339	384	-12.0%	0	0	339	384	0	0	0	0
Maine	13	11	16.0%	0	0	7	6	0	0	6	5
Massachusetts	658	980	-33.0%	0	0	656	978	0	0	2	2
New Hampshire	354	402	-12.0%	354	402	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	12,566	16,316	-23.0%	NM	NM	12,461	16,210	11	3	92	100
New Jersey	396	539	-27.0%	0	0	396	539	0	0	0	0
New York	563	1,290	-56.0%	NM	NM	538	1,262	0	0	23	24
Pennsylvania	11,607	14,487	-20.0%	0	0	11,528	14,408	11	3	68	76
East North Central	57,430	66,668	-14.0%	40,645	46,945	16,400	19,281	17	32	369	410
Illinois	15,484	18,054	-14.0%	1,799	2,006	13,477	15,827	7	7	200	213
Indiana	13,390	17,041	-21.0%	12,491	16,172	894	855	3	12	2	2
Michigan	9,511	9,791	-2.9%	9,351	9,609	83	87	6	12	72	83
Ohio	11,950	14,425	-17.0%	9,980	11,878	1,946	2,513	NM	NM	24	33
Wisconsin	7,095	7,358	-3.6%	7,024	7,281	0	0	NM	NM	71	77
West North Central	42,469	46,094	-7.9%	41,893	45,432	5	5	21	28	550	629
Iowa	6,505	6,703	-3.0%	6,218	6,381	0	0	13	17	274	305
Kansas	5,363	6,041	-11.0%	5,363	6,041	0	0	0	0	0	0
Minnesota	5,105	5,568	-8.3%	4,983	5,414	0	0	0	0	122	154
Missouri	12,876	14,404	-11.0%	12,854	14,375	5	5	8	11	9	13
Nebraska	4,612	5,004	-7.8%	4,492	4,877	0	0	0	0	121	127
North Dakota	7,672	7,722	-0.6%	7,648	7,691	0	0	0	0	24	31
South Dakota	335	651	-49.0%	335	651	0	0	0	0	0	0
South Atlantic	36,238	44,246	-18.0%	30,205	36,195	5,867	7,829	12	10	154	212
Delaware	158	264	-40.0%	0	0	158	264	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	5,640	7,175	-21.0%	5,595	7,072	38	90	0	0	7	13
Georgia	6,409	7,831	-18.0%	6,390	7,790	0	0	0	0	18	41
Maryland	2,352	3,282	-28.0%	0	0	2,334	3,261	NM	NM	14	18
North Carolina	5,538	7,247	-24.0%	5,425	7,028	98	198	7	5	8	16
South Carolina	3,234	3,881	-17.0%	3,217	3,858	0	0	0	0	18	24
Virginia	2,630	3,359	-22.0%	2,438	3,054	167	270	NM	NM	24	35
West Virginia	10,277	11,206	-8.3%	7,139	7,394	3,074	3,747	0	0	65	65
East South Central	25,116	29,626	-15.0%	23,864	28,691	1,167	834	2	2	83	99
Alabama	5,910	7,657	-23.0%	5,895	7,642	0	0	0	0	14	15
Kentucky	12,269	13,344	-8.1%	12,269	13,344	0	0	0	0	0	0
Mississippi	1,751	2,020	-13.0%	584	1,186	1,167	834	0	0	0	0
Tennessee	5,186	6,604	-21.0%	5,116	6,518	0	0	2	2	69	84
West South Central	37,442	48,041	-22.0%	18,483	24,309	18,924	23,675	0	0	35	56
Arkansas	3,851	6,598	-42.0%	3,161	5,549	685	1,043	0	0	5	6
Louisiana	3,672	3,770	-2.6%	1,808	1,253	1,864	2,517	0	0	0	0
Oklahoma	5,118	6,071	-16.0%	4,821	5,710	266	311	0	0	30	50
Texas	24,802	31,601	-22.0%	8,694	11,798	16,108	19,803	0	0	0	0
Mountain	32,429	34,891	-7.1%	28,779	31,002	3,531	3,766	0	0	119	122
Arizona	5,967	7,083	-16.0%	5,967	7,083	0	0	0	0	0	0
Colorado	5,783	5,955	-2.9%	5,778	5,947	NM	8	0	0	NM	NM
Idaho	7	7	-6.7%	0	0	0	0	0	0	7	7
Montana	3,254	3,302	-1.5%	NM	NM	3,164	3,212	0	0	3	4
Nevada	386	1,259	-69.0%	260	961	126	297	0	0	0	0
New Mexico	3,545	3,836	-7.6%	3,545	3,836	0	0	0	0	0	0
Utah	4,839	4,640	4.3%	4,704	4,487	97	114	0	0	38	39
Wyoming	8,648	8,809	-1.8%	8,437	8,602	NM	135	0	0	71	71
Pacific Contiguous	428	2,187	-80.0%	14	567	388	1,597	0	0	26	24
California	27	66	-59.0%	0	0	NM	46	0	0	23	20
Oregon	14	567	-98.0%	14	567	0	0	0	0	0	0
Washington	387	1,555	-75.0%	0	0	385	1,551	0	0	3	4
Pacific Noncontiguous	367	391	-6.2%	57	65	273	288	32	32	NM	NM
Alaska	156	164	-4.8%	57	65	67	67	32	32	0	0
Hawaii	211	227	-7.2%	0	0	207	221	0	0	NM	NM
U.S. Total	245,849	290,238	-15.0%	184,297	213,613	60,019	74,852	94	107	1,440	1,666

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, April 2015 and April 2014 (Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	37	27	34.0%	7	4	23	15	6	7	NM	1
Connecticut	16	NM	NM	NM	NM	15	NM	NM	NM	NM	NM
Maine	2	6	-59.0%	NM	NM	2	4	NM	NM	0	1
Massachusetts	12	14	-14.0%	NM	NM	7	8	4	5	NM	NM
New Hampshire	4	NM	NM	3	2	NM	NM	NM	NM	NM	NM
Rhode Island	3	2	23.0%	2	1	0	0	1	1	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	58	45	28.0%	7	11	38	29	2	3	10	2
New Jersey	6	2	153.0%	NM	NM	6	2	NM	NM	NM	NM
New York	21	21	-0.4%	7	11	NM	7	NM	3	8	0
Pennsylvania	31	22	42.0%	NM	NM	28	20	NM	NM	NM	NM
East North Central	80	100	-20.0%	67	85	10	13	NM	NM	2	3
Illinois	8	11	-27.0%	2	2	6	9	NM	NM	0	0
Indiana	17	26	-35.0%	15	24	0	0	NM	NM	2	2
Michigan	25	18	38.0%	25	18	0	0	0	0	0	0
Ohio	26	41	-37.0%	21	37	4	4	NM	NM	0	0
Wisconsin	4	4	0.4%	4	4	NM	NM	NM	NM	NM	NM
West North Central	36	35	2.5%	34	34	NM	NM	NM	NM	NM	NM
Iowa	5	5	-1.1%	5	5	NM	NM	NM	NM	NM	NM
Kansas	11	8	35.0%	11	8	0	0	0	0	0	0
Minnesota	NM	6	NM	3	5	NM	NM	NM	NM	NM	NM
Missouri	9	9	-2.3%	9	9	NM	NM	NM	NM	0	0
Nebraska	4	5	-23.0%	4	5	0	0	0	0	0	0
North Dakota	3	2	13.0%	2	2	0	0	NM	NM	NM	NM
South Dakota	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
South Atlantic	200	335	-40.0%	156	288	21	NM	NM	NM	14	NM
Delaware	NM	2	NM	NM	NM	NM	2	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	95	222	-57.0%	92	218	NM	NM	0	0	NM	NM
Georgia	14	NM	NM	12	9	NM	NM	NM	NM	2	NM
Maryland	24	26	-7.0%	3	2	14	17	NM	NM	NM	NM
North Carolina	13	NM	NM	12	16	NM	NM	NM	NM	NM	NM
South Carolina	25	NM	NM	15	13	NM	NM	NM	NM	10	2
Virginia	14	NM	NM	9	12	4	7	NM	NM	NM	NM
West Virginia	13	18	-25.0%	13	18	0	0	0	0	0	0
East South Central	51	NM	NM	48	45	NM	NM	NM	NM	NM	NM
Alabama	10	NM	NM	7	16	NM	NM	0	0	NM	NM
Kentucky	18	13	39.0%	18	13	0	0	0	0	0	0
Mississippi	6	4	68.0%	6	4	0	0	0	0	0	0
Tennessee	17	12	41.0%	17	12	0	0	NM	NM	NM	NM
West South Central	74	27	178.0%	60	13	12	12	NM	NM	2	NM
Arkansas	14	4	221.0%	11	4	2	0	0	0	1	0
Louisiana	43	11	282.0%	42	5	1	5	0	0	0	1
Oklahoma	NM	NM	NM	NM	3	0	0	NM	NM	NM	NM
Texas	16	NM	NM	7	1	9	6	NM	NM	NM	NM
Mountain	45	41	9.3%	42	37	3	4	NM	NM	NM	NM
Arizona	11	8	40.0%	11	8	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	0	NM	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	3	4	-33.0%	NM	NM	2	4	0	0	0	0
Nevada	1	3	-49.0%	1	3	1	0	0	0	0	0
New Mexico	20	15	38.0%	20	15	NM	NM	0	0	NM	NM
Utah	6	7	-23.0%	5	7	NM	NM	0	0	NM	NM
Wyoming	3	3	-14.0%	3	3	0	0	0	0	NM	NM
Pacific Contiguous	15	7	100.0%	5	5	NM	1	NM	NM	1	1
California	13	6	138.0%	5	4	NM	NM	NM	NM	NM	NM
Oregon	NM	NM	NM	0	0	0	0	NM	NM	0	0
Washington	2	1	1.2%	NM	NM	NM	NM	NM	NM	1	1
Pacific Noncontiguous	960	830	16.0%	847	723	97	98	2	NM	14	8
Alaska	123	92	33.0%	116	87	0	0	NM	NM	7	5
Hawaii	837	738	13.0%	731	637	97	98	1	0	7	NM
U.S. Total	1,555	1,498	3.8%	1,273	1,245	215	205	19	19	48	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.
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 April 2015 and April 2014 (Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	3,061	3,341	-8.4%	287	461	2,636	2,723	97	124	41	34
Connecticut	655	814	-19.0%	NM	NM	644	794	NM	NM	NM	NM
Maine	803	459	75.0%	NM	NM	757	424	NM	NM	39	27
Massachusetts	1,177	1,485	-21.0%	79	223	1,057	1,204	NM	55	NM	NM
New Hampshire	267	432	-38.0%	188	198	67	219	NM	NM	NM	NM
Rhode Island	136	110	24.0%	8	7	110	82	18	21	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	3,865	4,957	-22.0%	1,259	1,489	2,523	3,382	NM	NM	56	50
New Jersey	426	744	-43.0%	NM	NM	422	733	NM	NM	NM	NM
New York	2,679	3,282	-18.0%	1,258	1,487	1,356	1,733	NM	NM	41	NM
Pennsylvania	759	931	-18.0%	NM	NM	745	916	NM	NM	NM	NM
East North Central	407	700	-42.0%	329	451	65	233	NM	NM	11	14
Illinois	32	64	-50.0%	NM	NM	20	47	NM	NM	0	0
Indiana	110	110	-0.2%	102	102	0	0	NM	NM	7	7
Michigan	78	100	-23.0%	76	96	0	0	1	1	1	4
Ohio	157	368	-57.0%	111	186	43	179	NM	NM	NM	NM
Wisconsin	30	57	-47.0%	28	50	1	6	NM	NM	0	NM
West North Central	229	350	-34.0%	217	326	NM	22	NM	NM	1	1
Iowa	NM	51	NM	NM	50	NM	NM	NM	NM	NM	NM
Kansas	50	40	27.0%	50	40	0	0	0	0	0	0
Minnesota	32	82	-61.0%	22	60	NM	21	NM	NM	1	1
Missouri	59	109	-46.0%	59	109	NM	NM	NM	NM	0	0
Nebraska	17	38	-56.0%	17	38	0	0	0	0	0	0
North Dakota	19	19	3.6%	19	19	0	0	NM	NM	NM	NM
South Dakota	28	12	138.0%	28	12	NM	NM	NM	NM	0	0
South Atlantic	3,389	4,624	-27.0%	2,366	2,966	758	1,369	NM	238	58	52
Delaware	197	237	-17.0%	NM	NM	197	237	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	449	491	-8.5%	434	476	NM	NM	0	0	NM	NM
Georgia	187	216	-13.0%	88	138	84	60	NM	NM	15	17
Maryland	439	990	-56.0%	NM	NM	218	732	NM	236	NM	NM
North Carolina	543	612	-11.0%	492	558	37	43	NM	NM	14	11
South Carolina	300	407	-26.0%	267	374	NM	NM	NM	NM	15	9
Virginia	1,189	1,548	-23.0%	1,004	1,317	180	223	NM	NM	NM	NM
West Virginia	83	123	-32.0%	65	81	18	42	0	0	0	0
East South Central	267	411	-35.0%	219	367	26	22	NM	NM	22	NM
Alabama	95	126	-25.0%	49	83	26	22	0	0	NM	NM
Kentucky	71	78	-9.9%	71	78	0	0	0	0	0	0
Mississippi	16	NM	NM	NM	NM	0	0	0	0	1	0
Tennessee	86	195	-56.0%	85	194	0	0	NM	NM	NM	NM
West South Central	199	147	35.0%	120	72	73	67	NM	NM	NM	NM
Arkansas	43	17	149.0%	32	11	8	4	0	0	2	2
Louisiana	80	38	112.0%	63	NM	17	20	0	0	0	3
Oklahoma	NM	NM	NM	2	9	0	0	NM	NM	NM	NM
Texas	73	83	-12.0%	22	38	NM	43	NM	NM	NM	NM
Mountain	160	176	-9.2%	146	159	NM	17	NM	NM	NM	NM
Arizona	38	54	-30.0%	38	54	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	NM	NM	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	12	17	-29.0%	NM	NM	9	13	0	0	0	0
Nevada	NM	8	NM	8	7	NM	0	0	0	0	0
New Mexico	57	51	12.0%	54	48	NM	NM	0	0	NM	NM
Utah	11	16	-31.0%	11	16	NM	NM	0	0	NM	NM
Wyoming	22	20	11.0%	22	20	0	0	0	0	NM	NM
Pacific Contiguous	52	51	1.8%	21	29	22	14	NM	NM	8	6
California	41	30	39.0%	18	18	NM	10	NM	NM	NM	NM
Oregon	NM	NM	NM	0	5	0	0	NM	NM	0	0
Washington	10	16	-36.0%	NM	NM	NM	5	NM	NM	7	5
Pacific Noncontiguous	4,002	4,110	-2.6%	3,423	3,496	487	508	5	3	88	102
Alaska	520	457	14.0%	490	431	0	0	1	1	29	24
Hawaii	3,483	3,652	-4.6%	2,933	3,064	487	508	4	2	59	78
U.S. Total	15,632	18,868	-17.0%	8,387	9,816	6,615	8,357	340	406	290	289

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, April 2015 and April 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 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	0	NM	NM	0	0	0	0	0	0	0	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	81	103	-22.0%	32	59	44	40	0	0	5	5
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	24	-100.0%	0	24	0	0	0	0	0	0
Michigan	31	34	-7.8%	28	31	1	2	0	0	NM	2
Ohio	43	38	12.0%	0	0	42	38	0	0	NM	0
Wisconsin	7	7	-3.2%	4	4	0	0	0	0	3	3
West North Central	NM	NM	NM	0	0	0	0	0	0	NM	NM
Iowa	NM	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	34	84	-59.0%	31	81	0	0	0	0	3	2
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	31	81	-62.0%	31	81	0	0	0	0	0	0
Georgia	3	2	27.0%	0	0	0	0	0	0	3	2
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	26	24	6.9%	26	24	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	26	24	6.9%	26	24	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	136	66	104.0%	121	48	0	0	0	0	14	19
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	127	53	139.0%	121	48	0	0	0	0	NM	NM
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	NM	13	NM	0	0	0	0	0	0	NM	13
Mountain	15	15	-1.8%	0	0	15	15	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	15	15	-1.8%	0	0	15	15	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	297	298	-0.2%	211	212	59	55	0	0	27	30

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 April 2015 and April 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 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	14	15	-11.0%	0	0	0	0	0	0	14	15
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	13	13	-0.4%	0	0	0	0	0	0	13	13
East North Central	376	412	-8.6%	185	222	172	168	0	0	19	22
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	61	103	-41.0%	61	103	0	0	0	0	0	0
Michigan	128	116	11.0%	113	97	6	9	0	0	9	10
Ohio	167	160	4.5%	0	0	166	159	0	0	1	1
Wisconsin	20	33	-38.0%	11	22	0	0	0	0	9	11
West North Central	8	10	-18.0%	0	0	0	0	1	1	7	9
Iowa	8	10	-18.0%	0	0	0	0	1	1	7	9
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	177	307	-42.0%	165	294	0	0	0	0	12	12
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	165	294	-44.0%	165	294	0	0	0	0	0	0
Georgia	12	12	-1.5%	0	0	0	0	0	0	12	12
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	154	130	18.0%	154	130	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	154	130	18.0%	154	130	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	577	610	-5.3%	519	523	0	0	0	0	58	87
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	542	558	-2.8%	519	523	0	0	0	0	23	35
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	35	51	-32.0%	0	0	0	0	0	0	35	51
Mountain	60	55	9.1%	0	0	60	55	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	60	55	9.1%	0	0	60	55	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	1,367	1,539	-11.0%	1,023	1,169	233	224	1	1	110	146

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, April 2015 and April 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	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	27,765	29,622	-6.3%	80	312	26,492	27,767	NM	560	692	982
Connecticut	9,270	9,148	1.3%	0	0	8,755	8,478	NM	226	NM	443
Maine	1,231	2,290	-46.0%	0	0	947	1,817	NM	NM	264	449
Massachusetts	11,430	11,266	1.5%	NM	249	11,036	10,667	257	270	NM	80
New Hampshire	3,327	3,375	-1.4%	28	62	3,280	3,288	NM	NM	NM	NM
Rhode Island	2,506	3,542	-29.0%	0	0	2,475	3,517	NM	NM	0	0
Vermont	0	1	-65.0%	0	1	0	0	0	0	0	0
Middle Atlantic	76,623	64,715	18.0%	6,246	6,647	69,009	56,488	NM	710	NM	870
New Jersey	16,597	14,270	16.0%	NM	NM	16,247	13,829	NM	NM	NM	303
New York	28,649	28,256	1.4%	6,210	6,623	21,808	20,981	NM	511	NM	141
Pennsylvania	31,377	22,190	41.0%	NM	NM	30,954	21,678	NM	NM	NM	426
East North Central	44,195	27,696	60.0%	17,952	10,915	24,329	15,060	829	768	1,085	952
Illinois	5,422	1,695	220.0%	NM	NM	4,663	1,046	NM	399	NM	178
Indiana	9,471	3,517	169.0%	7,503	2,057	1,645	1,080	NM	NM	269	355
Michigan	9,634	7,030	37.0%	2,191	2,192	6,674	4,310	NM	169	543	359
Ohio	13,198	11,434	15.0%	4,804	4,130	8,214	7,128	NM	NM	NM	NM
Wisconsin	6,470	4,019	61.0%	3,230	2,464	3,133	1,496	NM	NM	NM	NM
West North Central	9,622	5,807	66.0%	7,282	4,889	1,825	533	NM	230	212	155
Iowa	868	588	48.0%	770	524	0	NM	NM	NM	NM	NM
Kansas	1,253	1,541	-19.0%	1,175	1,478	0	0	0	0	78	62
Minnesota	4,452	1,328	235.0%	3,795	912	438	269	NM	NM	NM	NM
Missouri	2,477	1,640	51.0%	986	1,278	1,387	265	97	94	NM	NM
Nebraska	246	519	-53.0%	236	510	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	54	0	0	0	0	0	NM	NM
South Dakota	266	NM	NM	266	NM	0	0	0	0	0	0
South Atlantic	173,555	144,236	20.0%	142,733	119,205	28,208	23,101	NM	362	2,263	1,569
Delaware	6,350	3,235	96.0%	NM	NM	5,217	2,910	0	0	1,110	311
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	99,661	88,704	12.0%	93,424	83,003	5,481	4,921	NM	NM	741	767
Georgia	22,278	17,875	25.0%	16,058	13,298	6,037	4,320	0	0	184	257
Maryland	2,897	1,171	147.0%	0	0	2,613	877	NM	NM	NM	NM
North Carolina	19,294	15,421	25.0%	17,178	11,531	2,062	3,841	4	0	51	49
South Carolina	9,448	7,580	25.0%	8,556	6,862	868	683	NM	NM	19	30
Virginia	12,749	10,107	26.0%	7,494	4,469	5,121	5,502	NM	NM	131	134
West Virginia	817	74	997.0%	0	28	810	46	0	0	NM	0
East South Central	52,377	37,293	40.0%	28,787	22,278	21,415	12,988	NM	NM	2,078	1,903
Alabama	25,213	19,119	32.0%	6,814	8,341	17,793	10,180	0	0	607	598
Kentucky	3,427	3,874	-12.0%	3,262	3,687	65	65	0	0	NM	122
Mississippi	19,089	12,034	59.0%	14,232	8,123	3,557	2,743	NM	NM	1,292	1,159
Tennessee	4,648	2,266	105.0%	4,480	2,127	0	0	NM	NM	78	NM
West South Central	189,364	166,321	14.0%	54,285	47,292	103,109	83,381	657	634	31,312	35,015
Arkansas	8,540	5,245	63.0%	1,945	669	6,427	4,456	NM	NM	167	119
Louisiana	38,575	36,324	6.2%	19,284	15,221	7,070	6,319	NM	NM	12,084	14,633
Oklahoma	17,000	15,677	8.4%	10,284	9,317	6,629	6,316	NM	NM	42	41
Texas	125,249	109,075	15.0%	22,772	22,085	82,983	66,290	474	477	19,020	20,223
Mountain	48,117	36,202	33.0%	33,286	21,954	13,797	13,274	263	319	772	655
Arizona	13,750	9,613	43.0%	7,850	4,948	5,806	4,553	NM	111	0	0
Colorado	5,935	5,261	13.0%	4,634	2,343	1,295	2,906	0	4	NM	NM
Idaho	1,260	232	443.0%	663	NM	552	182	0	0	NM	NM
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	16,106	10,977	47.0%	12,400	7,646	3,452	3,132	NM	NM	207	141
New Mexico	5,991	5,781	3.6%	3,525	3,452	2,406	2,256	NM	NM	0	0
Utah	4,176	3,833	8.9%	3,689	3,271	NM	NM	NM	NM	223	291
Wyoming	319	227	40.0%	NM	NM	NM	NM	0	0	292	197
Pacific Contiguous	66,599	64,115	3.9%	24,852	19,453	35,760	37,802	899	1,128	5,087	5,731
California	54,140	59,372	-8.8%	17,936	17,407	30,333	35,176	833	1,084	5,039	5,705
Oregon	8,113	2,351	245.0%	2,870	103	5,149	2,195	NM	NM	34	13
Washington	4,347	2,392	82.0%	4,046	1,943	279	432	NM	NM	15	14
Pacific Noncontiguous	3,020	2,181	38.0%	2,947	2,134	0	0	NM	NM	NM	NM
Alaska	3,020	2,181	38.0%	2,947	2,134	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	691,236	578,188	20.0%	318,449	255,080	323,944	270,394	4,598	4,837	44,245	47,877

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 April 2015 and April 2014 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	100,944	90,469	12.0%	324	713	95,059	83,186	2,405	2,452	3,157	4,118
Connecticut	37,799	30,702	23.0%	0	49	35,118	27,853	NM	953	1,741	1,847
Maine	7,008	9,822	-29.0%	0	0	5,900	7,857	NM	NM	1,002	1,868
Massachusetts	33,821	33,587	0.7%	284	572	31,996	31,433	1,169	1,220	NM	361
New Hampshire	12,664	6,399	98.0%	31	80	12,530	6,219	NM	NM	NM	NM
Rhode Island	9,644	9,948	-3.1%	0	0	9,515	9,824	NM	123	0	0
Vermont	9	12	-26.0%	9	12	0	0	0	0	0	0
Middle Atlantic	328,688	291,045	13.0%	32,313	32,208	289,403	252,085	3,339	3,201	3,633	3,551
New Jersey	74,326	62,877	18.0%	NM	NM	72,498	61,063	NM	487	1,203	1,216
New York	130,539	126,735	3.0%	32,160	32,085	95,436	91,728	2,378	2,335	566	587
Pennsylvania	123,822	101,433	22.0%	NM	NM	121,469	99,294	NM	379	1,864	1,747
East North Central	220,949	148,682	49.0%	89,356	58,995	123,121	82,124	3,663	3,504	4,809	4,059
Illinois	23,585	10,716	120.0%	NM	529	20,135	7,666	1,639	1,733	851	788
Indiana	46,458	27,816	67.0%	36,340	20,002	8,450	6,454	261	110	1,408	1,249
Michigan	46,811	37,383	25.0%	11,338	10,229	32,495	24,642	890	836	2,088	1,676
Ohio	72,370	56,274	29.0%	25,684	19,661	45,841	35,810	NM	632	NM	170
Wisconsin	31,724	16,494	92.0%	15,033	8,573	16,201	7,551	236	194	254	175
West North Central	37,635	26,490	42.0%	32,148	22,449	3,555	2,393	986	869	946	779
Iowa	4,695	2,353	100.0%	4,289	1,965	0	NM	NM	138	263	250
Kansas	4,621	5,889	-22.0%	4,283	5,621	0	0	0	0	338	268
Minnesota	15,560	7,756	101.0%	13,393	5,453	1,224	1,473	682	636	261	194
Missouri	10,717	9,000	19.0%	8,200	7,966	2,332	920	159	95	NM	NM
Nebraska	665	864	-23.0%	628	843	0	0	NM	NM	NM	NM
North Dakota	NM	26	NM	111	0	0	0	0	0	NM	26
South Dakota	1,245	601	107.0%	1,245	601	0	0	0	0	0	0
South Atlantic	655,305	534,701	23.0%	526,612	432,099	118,207	93,332	1,660	1,635	8,827	7,635
Delaware	15,892	12,208	30.0%	NM	NM	11,672	10,026	0	0	4,121	2,104
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	346,025	309,127	12.0%	324,078	288,853	18,843	17,053	NM	NM	3,041	3,163
Georgia	103,710	72,943	42.0%	72,500	55,824	30,450	16,050	0	0	760	1,069
Maryland	7,900	5,275	50.0%	0	0	6,549	3,932	NM	1,251	NM	92
North Carolina	80,775	57,281	41.0%	58,990	37,888	21,542	18,811	7	2	235	580
South Carolina	31,870	25,360	26.0%	28,538	23,066	3,239	2,186	NM	NM	71	84
Virginia	66,927	49,884	34.0%	42,090	24,665	24,348	24,672	NM	NM	476	537
West Virginia	1,914	2,331	-18.0%	317	1,724	1,563	602	0	0	NM	NM
East South Central	265,443	198,396	34.0%	147,028	114,720	108,664	74,326	NM	510	9,236	8,840
Alabama	124,437	97,108	28.0%	35,101	34,787	86,512	59,501	0	0	2,824	2,821
Kentucky	14,820	17,788	-17.0%	13,783	16,189	522	1,091	0	0	515	508
Mississippi	104,997	71,342	47.0%	77,788	52,194	21,629	13,735	NM	NM	5,545	5,378
Tennessee	21,189	12,158	74.0%	20,357	11,550	0	0	NM	475	352	133
West South Central	795,353	671,003	19.0%	228,696	196,909	426,254	325,161	2,708	2,552	137,695	146,382
Arkansas	40,069	22,124	81.0%	9,115	3,541	30,112	17,971	NM	NM	838	609
Louisiana	154,456	144,120	7.2%	72,705	54,843	25,802	27,558	611	631	55,338	61,088
Oklahoma	77,650	70,070	11.0%	52,489	51,908	24,787	17,960	193	19	180	183
Texas	523,179	434,689	20.0%	94,388	86,618	345,553	261,671	1,900	1,898	81,339	84,503
Mountain	169,532	152,298	11.0%	115,030	93,943	50,988	53,811	978	1,378	2,536	3,165
Arizona	41,056	36,995	11.0%	21,569	16,262	19,132	20,252	355	480	0	0
Colorado	24,712	26,127	-5.4%	15,340	14,097	9,353	11,941	NM	34	NM	NM
Idaho	4,776	5,542	-14.0%	2,194	2,789	2,415	2,632	0	0	167	121
Montana	2,314	1,899	22.0%	2,019	1,655	NM	NM	0	0	0	0
Nevada	55,629	41,370	34.0%	45,318	30,277	9,754	10,162	NM	244	364	687
New Mexico	23,832	21,662	10.0%	14,509	13,678	9,137	7,664	NM	313	0	NM
Utah	15,918	17,543	-9.3%	13,987	15,084	NM	NM	NM	307	835	1,281
Wyoming	1,297	1,161	12.0%	NM	NM	NM	NM	0	0	1,151	1,014
Pacific Contiguous	265,842	314,668	-16.0%	106,648	107,416	135,003	177,503	3,697	4,889	20,494	24,860
California	224,539	264,187	-15.0%	82,804	77,852	118,032	157,078	3,436	4,620	20,266	24,637
Oregon	25,643	27,424	-6.5%	9,509	9,585	15,792	17,490	NM	243	108	106
Washington	15,660	23,057	-32.0%	14,335	19,979	1,178	2,935	NM	26	119	116
Pacific Noncontiguous	10,735	10,343	3.8%	10,475	10,088	0	0	NM	NM	NM	240
Alaska	10,735	10,343	3.8%	10,475	10,088	0	0	NM	NM	NM	240
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	2,850,426	2,438,094	17.0%	1,288,630	1,069,539	1,350,254	1,143,922	19,967	21,006	191,575	203,627

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, April 2015 and April 2014 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	1,076	1,138	-5.4%	0	0	987	1,043	NM	NM	0	0
Connecticut	NM	NM	NM	0	0	NM	NM	0	0	0	0
Maine	NM	82	NM	0	0	NM	82	0	0	0	0
Massachusetts	362	375	-3.5%	0	0	362	375	0	0	0	0
New Hampshire	200	209	-3.9%	0	0	111	114	NM	NM	0	0
Rhode Island	325	358	-9.3%	0	0	325	358	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	5,036	5,164	-2.5%	0	0	4,903	5,015	NM	NM	NM	131
New Jersey	921	958	-3.8%	0	0	921	958	0	0	0	0
New York	1,678	1,738	-3.5%	0	0	1,678	1,738	0	0	0	0
Pennsylvania	2,437	2,468	-1.3%	0	0	2,304	2,319	NM	NM	NM	131
East North Central	6,411	6,698	-4.3%	779	804	5,609	5,868	NM	NM	NM	NM
Illinois	1,501	1,604	-6.4%	0	0	1,501	1,604	0	0	0	0
Indiana	761	789	-3.6%	742	768	0	0	0	0	NM	NM
Michigan	1,996	2,071	-3.6%	0	0	1,996	2,071	0	0	0	0
Ohio	1,023	1,059	-3.3%	NM	NM	1,000	1,036	0	0	0	0
Wisconsin	1,130	1,175	-3.9%	NM	NM	1,112	1,158	NM	NM	0	0
West North Central	977	1,005	-2.8%	297	301	680	704	0	0	0	0
Iowa	200	207	-3.1%	0	0	200	207	0	0	0	0
Kansas	166	172	-3.8%	0	0	166	172	0	0	0	0
Minnesota	351	361	-2.7%	NM	80	272	282	0	0	0	0
Missouri	140	140	-0.3%	98	97	NM	NM	0	0	0	0
Nebraska	120	125	-3.9%	120	125	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	3,890	4,035	-3.6%	510	530	2,859	2,951	270	288	250	266
Delaware	124	129	-3.6%	0	0	124	129	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	642	664	-3.3%	164	174	478	490	0	0	0	0
Georgia	328	343	-4.2%	0	0	232	240	NM	NM	NM	NM
Maryland	330	344	-4.0%	0	0	179	184	NM	160	0	0
North Carolina	781	812	-3.8%	0	0	719	745	NM	NM	0	0
South Carolina	559	580	-3.7%	337	346	NM	NM	0	0	NM	203
Virginia	1,117	1,155	-3.3%	NM	NM	1,088	1,124	NM	NM	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	448	464	-3.4%	239	248	210	216	0	0	0	0
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0
Kentucky	239	248	-3.6%	239	248	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	NM	NM	0	0	0	0
Tennessee	163	169	-3.1%	0	0	163	169	0	0	0	0
West South Central	1,484	1,591	-6.7%	0	0	1,435	1,539	NM	NM	0	0
Arkansas	148	154	-3.7%	0	0	148	154	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	1,336	1,437	-7.1%	0	0	1,287	1,385	NM	NM	0	0
Mountain	520	538	-3.5%	105	108	415	430	0	0	0	0
Arizona	166	172	-3.5%	NM	85	NM	88	0	0	0	0
Colorado	110	114	-3.7%	0	0	110	114	0	0	0	0
Idaho	NM	NM	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	127	132	-3.6%	0	0	127	132	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	5,343	5,521	-3.2%	759	797	2,948	2,969	1,636	1,755	0	0
California	4,447	4,590	-3.1%	253	272	2,598	2,606	1,596	1,712	0	0
Oregon	475	495	-3.9%	125	130	310	323	NM	NM	0	0
Washington	420	436	-3.7%	380	396	NM	NM	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	0	0	0	0	NM	NM	0	0
Alaska	NM	NM	NM	0	0	0	0	NM	NM	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	25,248	26,222	-3.7%	2,688	2,788	20,046	20,736	2,127	2,280	387	418

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 April 2015 and April 2014 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	4,345	4,289	1.3%	0	0	4,021	3,931	324	358	0	0
Connecticut	217	225	-3.5%	0	0	217	225	0	0	0	0
Maine	312	322	-3.2%	0	0	312	322	0	0	0	0
Massachusetts	1,408	1,467	-4.0%	0	0	1,408	1,467	0	0	0	0
New Hampshire	763	806	-5.3%	0	0	439	448	324	358	0	0
Rhode Island	1,433	1,246	15.0%	0	0	1,433	1,246	0	0	0	0
Vermont	213	223	-4.5%	0	0	213	223	0	0	0	0
Middle Atlantic	19,874	20,032	-0.8%	0	0	19,307	19,441	NM	94	463	497
New Jersey	3,592	3,729	-3.7%	0	0	3,592	3,729	0	0	0	0
New York	6,536	6,809	-4.0%	0	0	6,536	6,809	0	0	0	0
Pennsylvania	9,746	9,494	2.7%	0	0	9,179	8,903	NM	94	463	497
East North Central	25,253	26,393	-4.3%	3,042	3,155	22,010	23,071	NM	25	NM	142
Illinois	5,925	6,292	-5.8%	0	0	5,925	6,292	0	0	0	0
Indiana	3,061	3,151	-2.8%	2,889	3,008	0	0	0	0	NM	142
Michigan	7,761	8,113	-4.3%	0	0	7,761	8,113	0	0	0	0
Ohio	3,993	4,150	-3.8%	NM	93	3,897	4,057	0	0	0	0
Wisconsin	4,513	4,688	-3.7%	NM	NM	4,426	4,609	NM	25	0	0
West North Central	3,840	3,950	-2.8%	1,190	1,193	2,650	2,757	0	0	0	0
Iowa	784	809	-3.1%	0	0	784	809	0	0	0	0
Kansas	643	674	-4.6%	0	0	643	674	0	0	0	0
Minnesota	1,382	1,421	-2.7%	323	317	1,059	1,103	0	0	0	0
Missouri	565	557	1.5%	402	387	164	170	0	0	0	0
Nebraska	466	489	-4.7%	466	489	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	15,808	16,097	-1.8%	2,038	2,052	11,228	11,609	1,378	1,303	1,164	1,134
Delaware	483	504	-4.1%	0	0	483	504	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2,527	2,598	-2.8%	671	651	1,855	1,947	0	0	0	0
Georgia	1,400	1,408	-0.6%	0	0	903	940	NM	181	304	287
Maryland	1,338	1,362	-1.8%	0	0	707	725	631	637	0	0
North Carolina	3,229	3,287	-1.8%	0	0	2,784	2,905	444	383	0	0
South Carolina	2,309	2,331	-1.0%	1,328	1,362	120	123	0	0	860	847
Virginia	4,487	4,573	-1.9%	NM	NM	4,339	4,433	NM	101	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	1,748	1,819	-3.9%	929	970	819	849	0	0	0	0
Alabama	NM	93	NM	0	0	NM	93	0	0	0	0
Kentucky	929	970	-4.2%	929	970	0	0	0	0	0	0
Mississippi	NM	94	NM	0	0	NM	94	0	0	0	0
Tennessee	639	662	-3.5%	0	0	639	662	0	0	0	0
West South Central	6,042	6,292	-4.0%	0	0	5,757	6,034	285	258	0	0
Arkansas	574	601	-4.4%	0	0	574	601	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	5,468	5,691	-3.9%	0	0	5,183	5,433	285	258	0	0
Mountain	2,023	2,108	-4.0%	409	423	1,614	1,684	0	0	0	0
Arizona	648	675	-4.1%	318	332	330	343	0	0	0	0
Colorado	427	447	-4.5%	0	0	427	447	0	0	0	0
Idaho	254	261	-2.4%	NM	91	163	170	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	201	210	-4.3%	0	0	201	210	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	494	515	-4.2%	0	0	494	515	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	22,059	22,402	-1.5%	3,006	3,158	11,761	11,750	7,292	7,495	0	0
California	18,526	18,736	-1.1%	1,045	1,102	10,390	10,329	7,091	7,304	0	0
Oregon	1,903	1,961	-3.0%	489	509	1,213	1,262	NM	190	0	0
Washington	1,630	1,705	-4.4%	1,472	1,546	158	159	0	0	0	0
Pacific Noncontiguous	470	400	17.0%	0	0	0	0	470	400	0	0
Alaska	470	400	17.0%	0	0	0	0	470	400	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	101,462	103,781	-2.2%	10,615	10,950	79,167	81,127	9,880	9,931	1,800	1,773

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, April 2015 and April 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	297	320	-7.5%	0	0	278	301	19	20	0	0
Connecticut	96	109	-12.0%	0	0	91	103	NM	6	0	0
Maine	21	22	-5.9%	0	0	8	8	13	14	0	0
Massachusetts	169	178	-5.1%	0	0	169	178	0	0	0	0
New Hampshire	11	11	-5.1%	0	0	11	11	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	398	413	-3.6%	0	0	314	328	85	85	0	0
New Jersey	97	107	-9.5%	0	0	66	79	30	28	0	0
New York	148	151	-2.2%	0	0	117	118	31	33	0	0
Pennsylvania	153	155	-1.1%	0	0	130	131	23	24	0	0
East North Central	20	19	8.4%	3	3	0	0	17	16	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	1	1	-7.7%	0	0	0	0	1	1	0	0
Michigan	16	15	11.0%	0	0	0	0	16	15	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	3	3	-1.1%	3	3	0	0	0	0	0	0
West North Central	54	57	-5.6%	38	40	15	15	NM	1	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	54	57	-5.6%	38	40	15	15	NM	1	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	390	400	-2.5%	0	0	362	369	29	31	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	244	260	-6.0%	0	0	244	260	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	67	64	5.2%	0	0	67	64	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	79	77	3.0%	0	0	51	46	29	31	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	-25.0%	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	-25.0%	0	0	0	0	0	0	0	0
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	53	64	-18.0%	0	0	53	64	0	0	0	0
California	34	44	-23.0%	0	0	34	44	0	0	0	0
Oregon	7	7	-5.0%	0	0	7	7	0	0	0	0
Washington	12	12	-4.7%	0	0	12	12	0	0	0	0
Pacific Noncontiguous	30	30	1.0%	0	0	0	0	30	30	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	30	30	1.0%	0	0	0	0	30	30	0	0
U.S. Total	1,243	1,305	-4.7%	41	44	1,021	1,077	181	183	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.
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 April 2015 and April 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	1,170	1,226	-4.5%	0	0	1,090	1,146	80	80	0	0
Connecticut	410	441	-7.0%	0	0	388	419	22	22	0	0
Maine	88	89	-0.9%	0	0	30	31	58	57	0	0
Massachusetts	630	652	-3.4%	0	0	630	652	0	0	0	0
New Hampshire	42	44	-4.6%	0	0	42	44	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	1,572	1,550	1.4%	0	0	1,231	1,219	340	331	0	0
New Jersey	393	417	-5.6%	0	0	274	306	119	111	0	0
New York	594	576	3.2%	0	0	457	441	137	135	0	0
Pennsylvania	585	558	4.7%	0	0	500	472	85	86	0	0
East North Central	74	67	11.0%	12	11	0	0	62	56	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	3	3	-6.3%	0	0	0	0	3	3	0	0
Michigan	60	53	12.0%	0	0	0	0	60	53	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	12	11	11.0%	12	11	0	0	0	0	0	0
West North Central	177	190	-7.1%	112	124	57	59	8	7	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	177	190	-7.1%	112	124	57	59	8	7	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	1,553	1,654	-6.1%	0	0	1,437	1,536	117	118	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	1,001	1,097	-8.7%	0	0	1,001	1,097	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	237	245	-3.2%	0	0	237	245	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	315	312	0.8%	0	0	199	195	116	118	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	3	3	23.0%	0	0	0	0	0	0	3	3
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	3	3	23.0%	0	0	0	0	0	0	3	3
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	1	1	-5.5%	0	0	1	1	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	1	1	-5.5%	0	0	1	1	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	218	245	-11.0%	0	0	218	245	0	0	0	0
California	144	168	-14.0%	0	0	144	168	0	0	0	0
Oregon	27	29	-4.5%	0	0	27	29	0	0	0	0
Washington	46	48	-4.0%	0	0	46	48	0	0	0	0
Pacific Noncontiguous	120	127	-5.5%	0	0	0	0	120	127	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	120	127	-5.5%	0	0	0	0	120	127	0	0
U.S. Total	4,887	5,063	-3.5%	124	135	4,033	4,206	727	719	3	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.
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 - April 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
March	155,564	28,339	818	121,759	19,969	698	33,805	8,371	120
April	168,192	28,310	912	131,327	19,931	776	36,866	8,380	136

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, April 2015 and 2014

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	April 2015	April 2014	Percentage Change	April 2015	April 2014	Percentage Change	April 2015	April 2014	Percentage Change
New England	W	795	W	3,051	2,253	35.0%	0	0	--
Connecticut	W	W	W	1,018	652	56.0%	0	0	--
Maine	0	0	--	W	W	W	0	0	--
Massachusetts	W	W	W	1,190	984	21.0%	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	--	27	35	-22.0%	0	0	--
Middle Atlantic	7,110	5,030	41.0%	4,412	4,095	7.7%	W	W	W
New Jersey	935	870	7.5%	690	580	19.0%	0	0	--
New York	542	467	16.0%	2,703	2,616	3.3%	0	0	--
Pennsylvania	5,633	3,693	53.0%	1,019	899	13.0%	W	W	W
East North Central	34,339	23,583	46.0%	1,130	1,181	-4.3%	133	164	-19.0%
Illinois	9,347	6,258	49.0%	90	125	-28.0%	0	0	--
Indiana	10,290	7,357	40.0%	115	117	-1.2%	0	W	W
Michigan	4,835	2,931	65.0%	328	393	-17.0%	W	W	W
Ohio	5,470	4,458	23.0%	365	316	15.0%	W	W	W
Wisconsin	4,397	2,579	70.0%	231	230	0.7%	W	W	W
West North Central	25,660	21,981	17.0%	1,075	1,071	0.4%	0	0	--
Iowa	4,109	5,663	-27.0%	149	164	-9.4%	0	0	--
Kansas	3,929	3,426	15.0%	116	119	-2.3%	0	0	--
Minnesota	4,133	1,835	125.0%	127	146	-12.0%	0	0	--
Missouri	8,483	6,642	28.0%	404	280	44.0%	0	0	--
Nebraska	W	2,709	W	201	254	-21.0%	0	0	--
North Dakota	1,680	W	W	41	41	1.8%	0	0	--
South Dakota	W	W	W	35	66	-46.0%	0	0	--
South Atlantic	30,738	25,273	22.0%	11,036	11,900	-7.3%	W	W	W
Delaware	W	W	W	205	265	-23.0%	0	0	--
District of Columbia	0	0	--	0	0	--	0	0	--
Florida	W	W	W	5,608	6,207	-9.6%	W	W	W
Georgia	5,895	5,651	4.3%	858	873	-1.8%	0	0	--
Maryland	1,451	1,022	42.0%	675	681	-0.9%	0	0	--
North Carolina	7,185	3,844	87.0%	1,144	1,147	-0.3%	0	0	--
South Carolina	4,657	4,161	12.0%	682	643	6.2%	0	0	--
Virginia	1,564	1,396	12.0%	1,723	1,943	-11.0%	0	0	--
West Virginia	3,638	4,579	-21.0%	142	141	0.4%	W	W	W
East South Central	W	13,335	W	2,042	1,939	5.3%	W	W	W
Alabama	5,165	3,681	40.0%	405	280	45.0%	0	0	--
Kentucky	8,519	5,837	46.0%	253	255	-0.8%	W	W	W
Mississippi	W	872	W	574	582	-1.3%	0	0	--
Tennessee	3,281	2,945	11.0%	809	823	-1.6%	0	0	--
West South Central	28,878	21,123	37.0%	1,983	2,150	-7.8%	W	W	W
Arkansas	4,312	2,435	77.0%	W	W	W	0	0	--
Louisiana	3,468	3,156	9.9%	468	546	-14.0%	W	W	W
Oklahoma	4,417	3,306	34.0%	W	W	W	0	0	--
Texas	16,680	12,226	36.0%	1,237	1,292	-4.2%	0	0	--
Mountain	20,074	15,858	27.0%	633	888	-29.0%	W	W	W
Arizona	4,107	2,816	46.0%	141	178	-21.0%	0	0	--
Colorado	5,161	3,824	35.0%	225	241	-6.6%	0	0	--
Idaho	0	0	--	W	W	W	0	0	--
Montana	W	W	W	W	15	W	W	W	W
Nevada	1,313	835	57.0%	W	179	W	0	0	--
New Mexico	W	W	W	W	W	W	0	0	--
Utah	3,610	3,801	-5.0%	W	W	W	0	0	--
Wyoming	3,710	2,648	40.0%	34	38	-11.0%	0	0	--
Pacific Contiguous	W	W	W	341	382	-11.0%	0	W	W
California	0	W	W	163	213	-24.0%	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	2,609	2,738	-4.7%	0	0	--
Alaska	0	W	W	24	186	-87.0%	0	0	--
Hawaii	W	W	W	2,584	2,552	1.3%	0	0	--
U.S. Total	168,192	128,883	31.0%	28,310	28,596	-1.0%	912	514	77.0%

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, April 2015 and 2014

	Electric Power Sector			Electric Utilities		Independent Power Producers	
Census Division	**April 2015**	**April 2014**	**Percentage Change**	**April 2015**	**April 2014**	**April 2015**	**April 2014**
Coal (Thousand Tons)							
New England	W	795	W	W	W	W	W
Middle Atlantic	7,110	5,030	41.3%	0	0	7,110	5,030
East North Central	34,339	23,583	45.6%	24,284	17,034	10,055	6,548
West North Central	25,660	21,981	16.7%	25,660	21,981	0	0
South Atlantic	30,738	25,273	21.6%	26,479	21,875	4,259	3,398
East South Central	W	13,335	W	W	13,335	W	0
West South Central	28,878	21,123	36.7%	17,067	12,509	11,810	8,614
Mountain	20,074	15,858	26.6%	18,784	14,728	1,290	1,129
Pacific Contiguous	W	W	W	W	W	W	W
Pacific Noncontiguous	W	W	W	0	W	W	W
U.S. Total	**168,192**	**128,883**	**30.5%**	**131,327**	**102,826**	**36,866**	**26,057**
Petroleum Liquids (Thousand Barrels)							
New England	3,051	2,253	35.4%	606	W	2,445	W
Middle Atlantic	4,412	4,095	7.7%	1,591	1,449	2,821	2,645
East North Central	1,130	1,181	-4.3%	885	W	245	W
West North Central	1,075	1,071	0.4%	1,050	1,045	25	25
South Atlantic	11,036	11,900	-7.3%	9,096	9,928	1,941	1,972
East South Central	2,042	1,939	5.3%	W	W	W	W
West South Central	1,983	2,150	-7.8%	1,430	W	552	W
Mountain	633	888	-28.8%	W	852	W	37
Pacific Contiguous	341	382	-10.8%	W	284	W	98
Pacific Noncontiguous	2,609	2,738	-4.7%	W	W	W	W
U.S. Total	**28,310**	**28,596**	**-1.0%**	**19,931**	**20,971**	**8,380**	**7,625**
Petroleum Coke (Thousand Tons)							
New England	0	0	--	0	0	0	0
Middle Atlantic	W	W	W	0	0	W	W
East North Central	133	164	-18.8%	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	**912**	**514**	**77.3%**	**776**	**W**	**136**	**W**

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 - April 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
March	65,743	84,785	5,036	155,564
April	71,204	91,696	5,292	168,192

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 - April 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
March	1,218,280	62,520	2.25	43.95	1.29	104.3	15,791	2,608	W	W	0.70	121.5
April	1,165,784	60,030	2.25	43.68	1.33	120.0	9,163	1,522	13.18	79.56	0.43	84.3
Year to Date												
2013	5,092,329	262,813	2.35	45.62	1.32	93.9	41,940	6,888	20.79	126.66	0.47	73.0
2014	5,181,225	265,698	2.35	45.76	1.32	89.5	77,039	12,773	21.77	131.46	0.44	60.3
2015	4,959,367	255,877	2.26	43.86	1.31	101.7	58,393	9,639	12.67	76.87	0.56	54.2
Rolling 12 Months Ending in April												
2014	15,995,706	826,108	2.34	45.38	1.29	92.2	159,063	26,298	21.09	127.62	0.44	68.4
2015	16,073,227	826,375	2.34	45.53	1.32	99.9	152,855	25,221	W	W	0.51	76.5

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 - April 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
March	9,506	338	2.03	57.09	5.17	84.5	752,489	728,542	3.54	3.66	88.7	W
April	11,059	392	1.99	56.16	5.01	98.0	715,158	691,566	3.10	3.20	90.2	2.59
Year to Date												
2013	39,336	1,385	2.13	60.72	5.46	73.3	2,542,720	2,481,569	4.43	4.54	89.1	3.10
2014	45,650	1,613	1.99	56.49	5.65	81.6	2,495,882	2,431,969	6.41	6.57	88.9	3.75
2015	43,950	1,552	1.97	55.67	5.18	84.2	2,910,719	2,817,778	3.85	3.97	89.2	2.87
Rolling 12 Months Ending in April												
2014	138,787	4,888	W	W	5.47	76.1	8,674,276	8,453,823	4.89	5.02	89.6	W
2015	142,994	5,031	1.95	55.56	5.41	88.5	9,086,510	8,809,692	4.23	4.36	89.9	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 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2005 - April 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
March	932,468	47,654	2.25	44.08	1.23	108.3	10,204	1,675	12.14	73.97	0.52	131.9
April	891,906	45,572	2.28	44.61	1.27	121.3	6,628	1,091	13.28	80.65	0.39	85.7
Year to Date												
2013	3,718,247	189,831	2.39	46.74	1.24	93.8	27,453	4,494	21.03	128.46	0.43	78.1
2014	3,733,593	189,516	2.36	46.49	1.26	88.7	40,149	6,639	21.70	131.24	0.40	67.6
2015	3,751,957	192,061	2.27	44.44	1.26	104.2	34,401	5,650	12.18	74.17	0.50	67.4
Rolling 12 Months Ending in April												
2014	11,610,675	592,457	2.37	46.43	1.23	91.2	90,797	14,959	21.38	129.79	0.41	71.6
2015	12,010,056	610,421	2.37	46.66	1.26	100.6	93,295	15,292	16.29	99.41	0.47	81.5

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 - April 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
March	7,949	283	1.95	54.67	5.16	144.7	325,884	315,745	3.77	3.89	94.2	2.71
April	8,845	313	1.95	55.11	4.92	148.6	318,786	308,799	3.48	3.59	97.0	2.65
Year to Date												
2013	27,846	972	2.07	59.40	5.35	104.9	1,145,202	1,121,034	4.48	4.58	97.5	2.97
2014	40,054	1,411	1.96	55.55	5.67	120.7	1,071,393	1,046,642	6.11	6.26	97.9	3.33
2015	36,921	1,300	1.89	53.72	5.15	127.1	1,269,861	1,230,914	4.01	4.13	95.5	2.77
Rolling 12 Months Ending in April												
2014	111,296	3,903	2.06	58.80	5.45	106.9	3,865,599	3,776,848	4.94	5.06	97.1	3.11
2015	120,660	4,238	1.87	53.16	5.40	132.0	3,913,201	3,798,845	4.53	4.66	96.3	2.97

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 - April 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
March	267,887	14,079	2.22	42.30	1.47	99.2	3,980	671	13.49	80.35	0.49	120.0
April	258,855	13,797	2.11	39.58	1.50	126.4	2,289	389	12.86	75.92	0.46	130.0
Year to Date												
2013	1,284,170	68,820	2.21	41.38	1.56	97.9	13,398	2,217	20.51	124.11	0.46	92.6
2014	1,377,803	73,087	2.28	42.91	1.49	96.6	36,073	6,002	21.92	131.95	0.44	67.9
2015	1,142,587	60,973	2.19	41.04	1.45	100.5	21,575	3,592	13.41	80.73	0.50	50.6
Rolling 12 Months Ending in April												
2014	4,126,064	221,839	2.22	41.46	1.46	98.6	66,106	10,990	20.74	124.94	0.44	84.6
2015	3,861,392	207,067	2.21	41.23	1.48	103.4	56,021	9,350	W	W	0.48	92.3

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 - April 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
March	956	34	W	W	4.81	48.7	366,764	354,887	3.40	3.51	93.0	W
April	1,501	54	W	W	4.95	79.5	340,438	328,604	2.69	2.78	93.9	W
Year to Date												
2013	5,849	210	W	W	5.39	71.9	1,153,146	1,123,372	4.56	4.67	92.2	W
2014	4,135	149	W	W	5.41	58.1	1,183,419	1,151,481	7.07	7.27	92.0	W
2015	4,447	159	2.35	65.65	4.92	59.1	1,410,119	1,363,535	3.82	3.95	93.5	W
Rolling 12 Months Ending in April												
2014	14,436	514	W	W	5.40	61.2	4,055,535	3,946,007	4.98	5.11	92.8	W
2015	14,092	498	W	W	5.18	71.1	4,463,318	4,324,050	3.97	4.10	93.3	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 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commercial Sector, 2005 - April 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
March	177	8	W	W	2.93	6.7	0	0	--	--	--	0.0
April	298	13	W	W	2.72	14.8	0	0	--	--	--	0.0
Year to Date												
2013	1,514	65	W	W	2.94	12.5	0	0	--	--	--	0.0
2014	1,623	70	W	W	2.67	13.0	0	0	--	--	--	0.0
2015	993	43	W	W	2.90	9.6	0	0	--	--	--	0.0
Rolling 12 Months Ending in April												
2014	3,616	156	W	W	2.93	11.3	0	0	--	--	--	0.0
2015	3,116	136	W	W	2.78	11.0	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.
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 - April 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
March	0	0	--	--	--	0.0	430	424	W	W	4.2	W
April	0	0	--	--	--	0.0	419	412	W	W	4.7	W
Year to Date												
2013	0	0	--	--	--	0.0	1,447	1,434	W	W	4.0	W
2014	0	0	--	--	--	0.0	1,493	1,476	W	W	3.9	W
2015	0	0	--	--	--	0.0	1,721	1,695	W	W	4.4	W
Rolling 12 Months Ending in April												
2014	0	0	--	--	--	0.0	5,543	5,493	W	W	4.6	W
2015	0	0	--	--	--	0.0	5,994	5,931	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 - April 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
March	17,748	778	W	W	1.48	47.4	1,607	262	W	W	1.99	108.0
April	14,725	649	W	W	1.67	45.5	247	41	13.17	78.37	1.00	21.5
Year to Date												
2013	88,398	4,097	W	W	1.28	61.3	1,088	177	18.18	111.96	1.45	20.0
2014	68,206	3,025	W	W	1.53	43.4	816	132	19.61	121.15	1.27	9.1
2015	63,830	2,800	W	W	1.59	44.8	2,418	397	13.71	83.49	1.82	28.4
Rolling 12 Months Ending in April												
2014	255,351	11,656	W	W	1.38	58.1	2,159	350	18.75	115.81	1.34	11.4
2015	198,663	8,751	W	W	1.56	45.7	3,538	580	W	W	1.79	20.7

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 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 - April 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
March	601	21	W	W	5.99	16.1	59,412	57,486	W	W	60.6	W
April	712	25	W	W	6.18	20.8	55,515	53,751	W	W	60.0	W
Year to Date												
2013	5,642	203	W	W	6.04	30.6	242,926	235,729	W	W	62.2	W
2014	1,460	52	W	W	5.97	9.6	239,578	232,370	W	W	61.4	W
2015	2,582	92	W	W	6.00	17.0	229,017	221,634	W	W	59.3	W
Rolling 12 Months Ending in April												
2014	13,054	471	W	W	5.74	24.5	747,598	725,475	W	W	62.0	W
2015	8,242	295	W	W	5.91	16.8	703,998	680,866	W	W	61.1	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 4.6.A. Receipts of Coal Delivered for Electricity Generation by State, April 2015 and 2014
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	99	240	-59.0%	53	113	45	126	0	0	1	1
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	7	9	-26.0%	0	0	6	8	0	0	1	1
Massachusetts	40	118	-66.0%	0	0	40	118	0	0	0	0
New Hampshire	53	113	-53.0%	53	113	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	2,261	3,345	-32.0%	0	0	2,217	3,307	0	0	44	38
New Jersey	74	87	-15.0%	0	0	74	87	0	0	0	0
New York	113	312	-64.0%	0	0	81	288	0	0	32	25
Pennsylvania	2,074	2,946	-30.0%	0	0	2,062	2,932	0	0	12	13
East North Central	13,710	16,182	-15.0%	9,059	10,452	4,410	5,508	8	9	233	214
Illinois	4,453	5,204	-14.0%	416	456	3,873	4,597	0	0	164	151
Indiana	2,998	3,444	-13.0%	2,779	3,204	219	240	0	0	0	0
Michigan	2,170	1,948	11.0%	2,140	1,923	20	13	8	9	2	4
Ohio	2,246	3,611	-38.0%	1,926	2,929	298	659	0	0	22	24
Wisconsin	1,844	1,975	-6.7%	1,799	1,940	0	0	0	0	45	35
West North Central	11,030	9,857	12.0%	10,941	9,730	0	0	5	6	83	122
Iowa	1,954	1,126	73.0%	1,870	1,019	0	0	0	0	83	107
Kansas	1,595	1,500	6.3%	1,595	1,500	0	0	0	0	0	0
Minnesota	1,403	1,294	8.4%	1,403	1,279	0	0	0	0	0	15
Missouri	3,088	3,092	-0.1%	3,083	3,086	0	0	5	6	0	0
Nebraska	1,095	1,015	7.8%	1,095	1,015	0	0	0	0	0	0
North Dakota	1,895	1,646	15.0%	1,895	1,646	0	0	0	0	0	0
South Dakota	0	184	-100.0%	0	184	0	0	0	0	0	0
South Atlantic	8,939	10,390	-14.0%	7,449	7,968	1,393	2,266	0	0	97	156
Delaware	35	70	-49.0%	0	0	35	70	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,691	1,503	13.0%	1,654	1,426	38	77	0	0	0	0
Georgia	1,823	1,763	3.4%	1,805	1,710	0	0	0	0	18	53
Maryland	522	932	-44.0%	0	0	498	901	0	0	24	31
North Carolina	1,365	1,404	-2.8%	1,365	1,404	0	0	0	0	0	0
South Carolina	874	957	-8.7%	874	937	0	0	0	0	0	20
Virginia	276	798	-65.0%	204	695	45	75	0	0	26	28
West Virginia	2,352	2,964	-21.0%	1,547	1,796	777	1,144	0	0	29	24
East South Central	6,280	6,851	-8.3%	5,805	6,423	354	293	0	0	121	136
Alabama	1,757	1,788	-1.8%	1,757	1,788	0	0	0	0	0	0
Kentucky	3,609	2,836	27.0%	3,577	2,836	32	0	0	0	0	0
Mississippi	359	563	-36.0%	36	271	323	293	0	0	0	0
Tennessee	556	1,664	-67.0%	435	1,528	0	0	0	0	121	136
West South Central	8,972	10,957	-18.0%	4,454	5,368	4,512	5,589	0	0	6	0
Arkansas	947	1,108	-14.0%	629	928	312	180	0	0	6	0
Louisiana	541	747	-28.0%	277	306	264	441	0	0	0	0
Oklahoma	1,247	1,461	-15.0%	1,122	1,381	125	80	0	0	0	0
Texas	6,237	7,642	-18.0%	2,426	2,754	3,811	4,888	0	0	0	0
Mountain	8,474	8,206	3.3%	7,811	7,548	644	616	0	0	19	42
Arizona	1,646	1,783	-7.7%	1,646	1,783	0	0	0	0	0	0
Colorado	1,408	1,411	-0.2%	1,408	1,411	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	629	585	7.5%	0	0	629	585	0	0	0	0
Nevada	124	363	-66.0%	109	332	15	31	0	0	0	0
New Mexico	1,100	974	13.0%	1,100	974	0	0	0	0	0	0
Utah	1,376	1,059	30.0%	1,358	1,017	0	0	0	0	19	42
Wyoming	2,191	2,032	7.8%	2,191	2,032	0	0	0	0	0	0
Pacific Contiguous	205	537	-62.0%	0	180	162	313	0	0	43	43
California	43	65	-33.0%	0	0	0	22	0	0	43	43
Oregon	0	180	-100.0%	0	180	0	0	0	0	0	0
Washington	162	291	-45.0%	0	0	162	291	0	0	0	0
Pacific Noncontiguous	59	60	-0.5%	0	0	59	60	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	59	60	-0.5%	0	0	59	60	0	0	0	0
U.S. Total	60,030	66,626	-9.9%	45,572	47,782	13,797	18,077	13	15	649	751

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) April 2015 and 2014
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	1,021	1,189	-14.0%	193	228	808	944	0	0	19	18
Connecticut	251	322	-22.0%	0	0	251	322	0	0	0	0
Maine	58	50	16.0%	0	0	39	33	0	0	19	18
Massachusetts	519	581	-11.0%	0	0	519	581	0	0	0	0
New Hampshire	193	228	-15.0%	193	228	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	9,592	13,098	-27.0%	0	0	9,437	12,950	0	0	155	148
New Jersey	387	416	-6.9%	0	0	387	416	0	0	0	0
New York	326	1,379	-76.0%	0	0	221	1,284	0	0	105	96
Pennsylvania	8,879	11,303	-21.0%	0	0	8,829	11,251	0	0	50	52
East North Central	57,506	61,524	-6.5%	37,016	38,714	19,563	21,854	11	27	916	928
Illinois	19,527	20,980	-6.9%	1,789	1,891	17,077	18,446	0	0	661	643
Indiana	12,695	13,301	-4.6%	11,818	12,391	877	910	0	0	0	0
Michigan	6,822	6,537	4.4%	6,742	6,427	50	45	11	27	19	37
Ohio	10,729	14,118	-24.0%	9,078	11,565	1,559	2,452	0	0	92	101
Wisconsin	7,734	6,588	17.0%	7,590	6,440	0	0	0	0	144	147
West North Central	46,978	44,200	6.3%	46,547	43,690	0	0	33	43	399	467
Iowa	6,805	5,712	19.0%	6,421	5,264	0	0	0	0	384	448
Kansas	6,300	6,324	-0.4%	6,300	6,324	0	0	0	0	0	0
Minnesota	6,469	4,895	32.0%	6,454	4,876	0	0	0	0	14	19
Missouri	14,880	13,853	7.4%	14,848	13,810	0	0	33	43	0	0
Nebraska	4,418	4,924	-10.0%	4,418	4,924	0	0	0	0	0	0
North Dakota	7,732	7,816	-1.1%	7,732	7,816	0	0	0	0	0	0
South Dakota	374	676	-45.0%	374	676	0	0	0	0	0	0
South Atlantic	36,220	36,342	-0.3%	29,832	27,494	5,881	8,193	0	0	507	655
Delaware	128	256	-50.0%	0	0	128	256	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	6,249	6,014	3.9%	6,160	5,862	90	152	0	0	0	0
Georgia	6,425	5,517	16.0%	6,344	5,344	0	0	0	0	81	173
Maryland	2,056	3,088	-33.0%	0	0	1,934	2,944	0	0	122	144
North Carolina	5,262	4,415	19.0%	5,262	4,415	0	0	0	0	0	0
South Carolina	3,803	2,982	28.0%	3,754	2,902	0	0	0	0	49	80
Virginia	2,388	3,512	-32.0%	2,029	3,054	234	331	0	0	126	127
West Virginia	9,908	10,558	-6.2%	6,283	5,917	3,495	4,510	0	0	129	131
East South Central	25,880	26,727	-3.2%	24,054	25,260	1,316	911	0	0	510	556
Alabama	6,614	6,756	-2.1%	6,614	6,756	0	0	0	0	0	0
Kentucky	14,473	11,648	24.0%	14,397	11,648	76	0	0	0	0	0
Mississippi	1,695	1,539	10.0%	455	628	1,240	911	0	0	0	0
Tennessee	3,097	6,783	-54.0%	2,588	6,227	0	0	0	0	510	556
West South Central	42,585	45,905	-7.2%	22,944	22,996	19,613	22,909	0	0	28	0
Arkansas	5,177	5,564	-7.0%	4,171	4,881	978	683	0	0	28	0
Louisiana	3,604	2,973	21.0%	1,931	1,165	1,673	1,809	0	0	0	0
Oklahoma	6,457	6,209	4.0%	6,011	5,867	446	342	0	0	0	0
Texas	27,348	31,158	-12.0%	10,831	11,083	16,517	20,075	0	0	0	0
Mountain	34,095	33,571	1.6%	31,120	30,429	2,925	3,063	0	0	50	78
Arizona	7,382	7,256	1.7%	7,382	7,256	0	0	0	0	0	0
Colorado	6,336	6,071	4.4%	6,336	6,071	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	2,805	2,790	0.5%	0	0	2,805	2,790	0	0	0	0
Nevada	459	1,442	-68.0%	338	1,169	120	273	0	0	0	0
New Mexico	3,772	3,817	-1.2%	3,772	3,817	0	0	0	0	0	0
Utah	5,013	4,137	21.0%	4,963	4,059	0	0	0	0	50	78
Wyoming	8,329	8,058	3.4%	8,329	8,058	0	0	0	0	0	0
Pacific Contiguous	1,763	2,900	-39.0%	355	705	1,192	2,020	0	0	216	175
California	216	251	-14.0%	0	0	0	76	0	0	216	175
Oregon	355	705	-50.0%	355	705	0	0	0	0	0	0
Washington	1,192	1,944	-39.0%	0	0	1,192	1,944	0	0	0	0
Pacific Noncontiguous	237	243	-2.5%	0	0	237	243	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	237	243	-2.5%	0	0	237	243	0	0	0	0
U.S. Total	255,877	265,698	-3.7%	192,061	189,516	60,973	73,087	43	70	2,800	3,025

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, April 2015 and 2014
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	83	15	452.0%	1	2	82	11	0	0	0	2
Connecticut	44	1	NM	0	0	44	1	0	0	0	0
Maine	2	5	-68.0%	0	0	1	3	0	0	0	2
Massachusetts	37	1	NM	0	0	37	1	0	0	0	0
New Hampshire	1	2	-64.0%	1	2	0	0	0	0	0	0
Rhode Island	0	7	-100.0%	0	0	0	7	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	99	175	-44.0%	8	111	91	64	0	0	1	0
New Jersey	5	11	-55.0%	0	0	5	11	0	0	0	0
New York	27	150	-82.0%	8	111	19	38	0	0	1	0
Pennsylvania	67	15	346.0%	0	0	67	15	0	0	0	0
East North Central	68	93	-26.0%	56	79	9	12	0	0	3	2
Illinois	7	11	-35.0%	2	3	5	8	0	0	0	0
Indiana	23	27	-15.0%	23	27	0	0	0	0	0	0
Michigan	13	20	-33.0%	12	18	0	0	0	0	1	1
Ohio	23	31	-27.0%	17	27	4	3	0	0	2	1
Wisconsin	2	4	-46.0%	2	4	0	0	0	0	0	0
West North Central	38	42	-7.6%	38	42	0	0	0	0	0	0
Iowa	5	11	-50.0%	5	11	0	0	0	0	0	0
Kansas	20	7	213.0%	20	7	0	0	0	0	0	0
Minnesota	1	4	-71.0%	1	4	0	0	0	0	0	0
Missouri	7	17	-59.0%	7	17	0	0	0	0	0	0
Nebraska	0	2	-100.0%	0	2	0	0	0	0	0	0
North Dakota	4	1	247.0%	4	1	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	315	292	8.1%	244	191	34	86	0	0	38	14
Delaware	2	1	96.0%	0	0	2	1	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	43	69	-37.0%	41	66	2	3	0	0	0	0
Georgia	20	12	65.0%	19	10	0	0	0	0	1	2
Maryland	19	77	-75.0%	0	0	19	77	0	0	0	0
North Carolina	5	23	-79.0%	5	23	0	0	0	0	0	0
South Carolina	71	22	222.0%	43	11	0	0	0	0	28	11
Virginia	153	79	93.0%	133	71	11	6	0	0	8	2
West Virginia	3	9	-65.0%	3	9	0	0	0	0	0	0
East South Central	33	26	27.0%	33	26	0	0	0	0	0	0
Alabama	4	10	-58.0%	4	10	0	0	0	0	0	0
Kentucky	21	9	119.0%	21	9	0	0	0	0	0	0
Mississippi	4	3	29.0%	4	3	0	0	0	0	0	0
Tennessee	4	3	31.0%	4	3	0	0	0	0	0	0
West South Central	41	26	57.0%	20	16	22	10	0	0	0	0
Arkansas	13	9	41.0%	10	7	2	2	0	0	0	0
Louisiana	8	7	5.7%	8	4	0	3	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	21	10	109.0%	2	4	19	6	0	0	0	0
Mountain	15	33	-54.0%	13	30	2	3	0	0	0	0
Arizona	2	2	10.0%	2	2	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	3	-40.0%	0	0	2	3	0	0	0	0
Nevada	1	4	-76.0%	0	4	1	0	0	0	0	0
New Mexico	9	18	-53.0%	9	18	0	0	0	0	0	0
Utah	1	2	-34.0%	1	2	0	0	0	0	0	0
Wyoming	1	5	-86.0%	1	5	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	828	778	6.4%	679	605	149	174	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	828	778	6.4%	679	605	149	174	0	0	0	0
U.S. Total	1,522	1,480	2.8%	1,091	1,101	389	360	0	0	41	19

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) April 2015 and 2014
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	954	1,696	-44.0%	12	148	911	1,515	0	0	31	33
Connecticut	118	265	-55.0%	0	0	118	265	0	0	0	0
Maine	480	231	108.0%	0	0	448	198	0	0	31	33
Massachusetts	315	808	-61.0%	5	20	310	788	0	0	0	0
New Hampshire	30	307	-90.0%	7	128	23	179	0	0	0	0
Rhode Island	11	86	-87.0%	0	0	11	86	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	2,326	3,217	-28.0%	873	708	1,449	2,503	0	0	4	6
New Jersey	52	224	-77.0%	0	0	52	224	0	0	0	0
New York	1,871	2,198	-15.0%	873	708	995	1,484	0	0	4	5
Pennsylvania	403	796	-49.0%	0	0	403	795	0	0	0	1
East North Central	413	681	-39.0%	313	393	83	265	0	0	17	23
Illinois	30	68	-56.0%	9	12	21	56	0	0	0	0
Indiana	110	110	-0.4%	110	110	0	0	0	0	0	0
Michigan	66	101	-35.0%	63	93	0	0	0	0	3	8
Ohio	180	351	-49.0%	106	130	62	208	0	0	13	14
Wisconsin	27	50	-47.0%	25	48	0	1	0	0	1	1
West North Central	146	216	-32.0%	146	216	0	0	0	0	0	0
Iowa	19	31	-40.0%	19	31	0	0	0	0	0	0
Kansas	46	25	88.0%	46	25	0	0	0	0	0	0
Minnesota	6	51	-88.0%	6	51	0	0	0	0	0	0
Missouri	52	75	-31.0%	52	75	0	0	0	0	0	0
Nebraska	0	18	-100.0%	0	18	0	0	0	0	0	0
North Dakota	17	14	23.0%	17	14	0	0	0	0	0	0
South Dakota	6	1	509.0%	6	1	0	0	0	0	0	0
South Atlantic	2,064	3,254	-37.0%	1,271	2,166	449	1,018	0	0	344	70
Delaware	56	12	367.0%	0	0	56	12	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	96	142	-32.0%	94	135	2	7	0	0	0	0
Georgia	168	199	-15.0%	68	121	75	47	0	0	25	30
Maryland	103	701	-85.0%	0	0	103	701	0	0	0	0
North Carolina	335	509	-34.0%	302	498	33	11	0	0	0	0
South Carolina	279	386	-28.0%	218	366	7	0	0	0	54	20
Virginia	977	1,212	-19.0%	539	981	172	211	0	0	266	20
West Virginia	50	93	-46.0%	50	64	0	29	0	0	0	0
East South Central	221	236	-6.4%	193	213	27	23	0	0	1	0
Alabama	67	83	-20.0%	40	61	27	23	0	0	0	0
Kentucky	57	56	1.8%	57	56	0	0	0	0	0	0
Mississippi	9	9	3.7%	9	9	0	0	0	0	0	0
Tennessee	88	88	0.1%	87	88	0	0	0	0	1	0
West South Central	145	111	30.0%	90	43	55	68	0	0	0	0
Arkansas	37	15	152.0%	27	9	10	5	0	0	0	0
Louisiana	62	34	81.0%	47	14	15	21	0	0	0	0
Oklahoma	1	1	-2.6%	1	1	0	0	0	0	0	0
Texas	45	61	-26.0%	15	20	30	42	0	0	0	0
Mountain	145	135	7.4%	138	128	6	7	0	0	0	0
Arizona	48	34	39.0%	48	34	0	0	0	0	0	0
Colorado	5	1	567.0%	5	1	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	5	7	-28.0%	0	0	5	7	0	0	0	0
Nevada	9	7	26.0%	7	7	2	0	0	0	0	0
New Mexico	42	46	-9.8%	42	46	0	0	0	0	0	0
Utah	17	13	35.0%	17	13	0	0	0	0	0	0
Wyoming	18	26	-31.0%	18	26	0	0	0	0	0	0
Pacific Contiguous	1	4	-85.0%	0	0	1	4	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	1	4	-85.0%	0	0	1	4	0	0	0	0
Pacific Noncontiguous	3,224	3,224	0.0%	2,613	2,624	611	600	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	3,224	3,224	0.0%	2,613	2,624	611	600	0	0	0	0
U.S. Total	9,639	12,773	-25.0%	5,650	6,639	3,592	6,002	0	0	397	132

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, April 2015 and 2014
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 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	88	115	-24.0%	24	67	54	37	0	0	9	10
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	35	-100.0%	0	35	0	0	0	0	0	0
Michigan	32	29	10.0%	21	27	10	1	0	0	0	0
Ohio	44	35	24.0%	0	0	44	35	0	0	0	0
Wisconsin	12	15	-21.0%	3	5	0	0	0	0	9	10
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	77	145	-47.0%	61	138	0	0	0	0	16	8
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	61	138	-56.0%	61	138	0	0	0	0	0	0
Georgia	16	8	108.0%	0	0	0	0	0	0	16	8
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	93	36	157.0%	93	36	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	93	36	157.0%	93	36	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	134	153	-12.0%	134	153	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	134	153	-12.0%	134	153	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	392	449	-13.0%	313	394	54	37	0	0	25	18

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) April 2015 and 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 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	383	466	-18.0%	193	280	159	149	0	0	31	37
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	89	152	-41.0%	89	152	0	0	0	0	0	0
Michigan	109	114	-4.6%	96	111	13	3	0	0	0	0
Ohio	146	146	0.6%	0	0	146	146	0	0	0	0
Wisconsin	38	53	-29.0%	7	17	0	0	0	0	31	37
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	342	480	-29.0%	281	464	0	0	0	0	62	16
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	464	-40.0%	281	464	0	0	0	0	0	0
Georgia	62	16	295.0%	0	0	0	0	0	0	62	16
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	180	101	79.0%	180	101	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	180	101	79.0%	180	101	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	647	566	14.0%	647	566	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	647	566	14.0%	647	566	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	1,552	1,613	-3.8%	1,300	1,411	159	149	0	0	92	52

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, April 2015 and 2014
(Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	26,173	27,946	-6.3%	42	108	26,028	27,414	0	0	103	424
Connecticut	8,644	8,376	3.2%	0	0	8,644	8,376	0	0	0	0
Maine	1,056	2,241	-53.0%	0	0	952	1,817	0	0	103	424
Massachusetts	10,691	10,463	2.2%	13	46	10,678	10,417	0	0	0	0
New Hampshire	3,310	3,350	-1.2%	28	62	3,282	3,288	0	0	0	0
Rhode Island	2,472	3,516	-30.0%	0	0	2,472	3,516	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	72,252	60,273	20.0%	4,620	5,396	67,463	54,745	0	0	168	131
New Jersey	16,203	13,805	17.0%	0	0	16,203	13,805	0	0	0	0
New York	26,035	25,448	2.3%	4,620	5,396	21,347	19,994	0	0	68	58
Pennsylvania	30,014	21,020	43.0%	0	0	29,913	20,946	0	0	100	74
East North Central	42,389	26,151	62.0%	17,508	10,299	23,986	15,086	308	341	586	424
Illinois	4,444	748	494.0%	170	19	4,273	725	0	0	2	4
Indiana	9,042	3,313	173.0%	7,344	2,003	1,697	1,309	0	0	0	0
Michigan	9,597	7,353	31.0%	2,142	2,047	6,777	4,601	308	341	370	364
Ohio	12,717	10,807	18.0%	4,674	4,002	8,006	6,790	0	0	38	15
Wisconsin	6,589	3,931	68.0%	3,179	2,228	3,234	1,661	0	0	176	41
West North Central	9,109	4,804	90.0%	6,969	4,108	2,032	602	104	94	4	0
Iowa	1,482	466	218.0%	1,479	466	0	0	0	0	3	0
Kansas	571	1,060	-46.0%	571	1,060	0	0	0	0	0	0
Minnesota	4,260	1,154	269.0%	3,671	793	588	361	0	0	1	0
Missouri	2,249	1,491	51.0%	701	1,156	1,444	241	104	94	0	0
Nebraska	207	465	-56.0%	207	465	0	0	0	0	0	0
North Dakota	74	0	--	74	0	0	0	0	0	0	0
South Dakota	266	168	58.0%	266	168	0	0	0	0	0	0
South Atlantic	171,779	141,580	21.0%	142,412	119,558	26,286	20,618	0	0	3,082	1,404
Delaware	6,432	3,477	85.0%	0	0	5,060	2,825	0	0	1,372	652
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	96,764	86,435	12.0%	92,945	83,195	3,819	3,240	0	0	0	0
Georgia	23,136	18,349	26.0%	16,118	13,349	6,068	4,310	0	0	950	690
Maryland	2,488	783	218.0%	0	0	2,468	751	0	0	20	32
North Carolina	19,168	15,321	25.0%	17,106	11,481	2,062	3,841	0	0	0	0
South Carolina	9,334	7,503	24.0%	8,533	6,844	780	629	0	0	21	29
Virginia	13,654	9,655	41.0%	7,710	4,680	5,227	4,974	0	0	718	0
West Virginia	803	58	NM	0	10	803	48	0	0	0	0
East South Central	52,609	38,275	37.0%	30,509	25,311	21,578	12,961	0	0	522	4
Alabama	23,857	17,710	35.0%	5,708	7,581	18,148	10,129	0	0	0	0
Kentucky	3,822	3,673	4.1%	3,758	3,608	65	65	0	0	0	0
Mississippi	19,928	14,677	36.0%	16,563	11,910	3,365	2,767	0	0	0	0
Tennessee	5,002	2,216	126.0%	4,480	2,212	0	0	0	0	522	4
West South Central	214,491	188,951	14.0%	51,988	45,789	116,428	94,644	0	0	46,075	48,518
Arkansas	8,916	5,369	66.0%	1,803	445	6,774	4,924	0	0	339	0
Louisiana	39,337	37,072	6.1%	19,011	14,858	7,599	7,121	0	0	12,727	15,093
Oklahoma	16,752	15,744	6.4%	10,160	9,421	6,592	6,323	0	0	0	0
Texas	149,487	130,766	14.0%	21,014	21,065	95,464	76,276	0	0	33,009	33,426
Mountain	43,558	32,773	33.0%	31,778	21,418	11,740	11,308	0	0	41	47
Arizona	13,352	9,517	40.0%	7,607	4,920	5,745	4,596	0	0	0	0
Colorado	5,537	5,141	7.7%	4,453	2,430	1,083	2,710	0	0	0	0
Idaho	1,063	159	567.0%	545	0	519	159	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	14,606	9,438	55.0%	12,395	7,685	2,212	1,753	0	0	0	0
New Mexico	5,373	5,245	2.5%	3,194	3,155	2,179	2,089	0	0	0	0
Utah	3,624	3,266	11.0%	3,582	3,219	2	0	0	0	41	47
Wyoming	2	8	-77.0%	2	8	0	0	0	0	0	0
Pacific Contiguous	57,886	55,304	4.7%	21,655	17,202	33,061	34,502	0	0	3,170	3,600
California	46,188	51,335	-10.0%	15,242	15,431	27,775	32,304	0	0	3,170	3,600
Oregon	8,218	2,383	245.0%	2,932	185	5,286	2,198	0	0	0	0
Washington	3,481	1,586	119.0%	3,481	1,586	0	0	0	0	0	0
Pacific Noncontiguous	1,319	1,598	-17.0%	1,319	1,598	0	0	0	0	0	0
Alaska	1,319	1,598	-17.0%	1,319	1,598	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	691,566	577,655	20.0%	308,799	250,788	328,604	271,880	412	435	53,751	54,553

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) April 2015 and 2014
(Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	93,703	83,166	13.0%	172	303	93,299	81,498	0	0	232	1,365
Connecticut	34,590	27,252	27.0%	0	0	34,590	27,252	0	0	0	0
Maine	6,234	9,193	-32.0%	0	0	6,003	7,828	0	0	232	1,365
Massachusetts	30,717	30,608	0.4%	141	223	30,576	30,385	0	0	0	0
New Hampshire	12,586	6,300	100.0%	31	80	12,555	6,219	0	0	0	0
Rhode Island	9,576	9,814	-2.4%	0	0	9,576	9,814	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	308,273	272,479	13.0%	25,795	26,779	281,699	244,939	0	0	779	761
New Jersey	72,011	60,497	19.0%	0	0	72,011	60,497	0	0	0	0
New York	118,014	115,119	2.5%	25,795	26,779	91,938	88,031	0	0	282	309
Pennsylvania	118,247	96,862	22.0%	0	0	117,750	96,411	0	0	497	452
East North Central	208,125	144,495	44.0%	80,653	57,923	123,705	83,858	1,498	1,378	2,269	1,335
Illinois	19,226	6,776	184.0%	702	297	18,511	6,462	0	0	12	17
Indiana	42,193	29,350	44.0%	32,631	20,979	9,562	8,370	0	0	0	0
Michigan	45,787	38,186	20.0%	9,158	9,992	33,875	26,057	1,498	1,378	1,256	759
Ohio	69,287	54,590	27.0%	23,876	19,486	45,185	34,995	0	0	226	109
Wisconsin	31,633	15,593	103.0%	14,285	7,169	16,573	7,974	0	0	775	450
West North Central	32,254	22,498	43.0%	27,941	19,454	4,042	2,902	197	98	74	44
Iowa	3,827	2,742	40.0%	3,821	2,740	0	0	0	0	7	2
Kansas	2,559	3,453	-26.0%	2,559	3,453	0	0	0	0	0	0
Minnesota	14,393	7,044	104.0%	12,685	4,854	1,641	2,149	0	0	67	42
Missouri	9,589	7,945	21.0%	6,991	7,094	2,401	754	197	98	0	0
Nebraska	547	746	-27.0%	547	746	0	0	0	0	0	0
North Dakota	131	0	--	131	0	0	0	0	0	0	0
South Dakota	1,209	569	113.0%	1,209	569	0	0	0	0	0	0
South Atlantic	640,854	524,934	22.0%	521,404	432,885	108,104	84,961	0	0	11,347	7,087
Delaware	15,980	12,947	23.0%	0	0	11,064	9,495	0	0	4,917	3,452
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	329,218	298,806	10.0%	318,650	288,790	10,568	10,016	0	0	0	0
Georgia	106,603	74,735	43.0%	72,748	56,101	30,382	15,958	0	0	3,472	2,676
Maryland	5,957	3,506	70.0%	0	0	5,872	3,374	0	0	85	131
North Carolina	79,978	56,505	42.0%	58,435	37,694	21,542	18,811	0	0	0	0
South Carolina	31,591	25,228	25.0%	28,666	23,344	2,684	1,750	0	0	241	133
Virginia	69,800	50,866	37.0%	42,713	25,230	24,455	24,941	0	0	2,631	694
West Virginia	1,728	2,340	-26.0%	191	1,725	1,537	615	0	0	0	0
East South Central	257,919	196,050	32.0%	146,773	121,814	108,823	74,105	0	0	2,323	131
Alabama	116,781	89,662	30.0%	29,938	30,429	86,843	59,233	0	0	0	0
Kentucky	15,272	17,526	-13.0%	14,750	16,435	522	1,091	0	0	0	0
Mississippi	103,180	77,036	34.0%	81,722	63,254	21,458	13,782	0	0	0	0
Tennessee	22,687	11,827	92.0%	20,364	11,696	0	0	0	0	2,323	131
West South Central	890,800	771,126	16.0%	220,606	193,068	477,644	371,706	0	0	192,551	206,352
Arkansas	42,353	23,214	82.0%	8,877	3,074	31,945	20,140	0	0	1,531	0
Louisiana	154,336	151,828	1.7%	70,990	53,999	27,938	30,055	0	0	55,408	67,774
Oklahoma	76,625	70,038	9.4%	52,274	52,238	24,351	17,800	0	0	0	0
Texas	617,486	526,045	17.0%	88,466	83,756	393,409	303,712	0	0	135,611	138,578
Mountain	152,956	136,175	12.0%	109,570	90,503	43,208	45,454	0	0	178	218
Arizona	39,796	35,775	11.0%	20,963	16,009	18,833	19,766	0	0	0	0
Colorado	22,901	25,178	-9.0%	14,476	13,945	8,425	11,234	0	0	0	0
Idaho	4,279	5,140	-17.0%	1,983	2,659	2,297	2,481	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	50,411	35,410	42.0%	45,477	30,640	4,934	4,769	0	0	0	0
New Mexico	21,914	19,643	12.0%	13,229	12,477	8,685	7,166	0	0	0	0
Utah	13,632	14,989	-9.1%	13,418	14,732	35	39	0	0	178	218
Wyoming	25	40	-38.0%	25	40	0	0	0	0	0	0
Pacific Contiguous	227,343	274,020	-17.0%	92,450	96,887	123,011	162,056	0	0	11,882	15,077
California	189,378	227,899	-17.0%	70,764	69,343	106,731	143,479	0	0	11,882	15,077
Oregon	26,148	26,911	-2.8%	9,868	9,693	16,280	17,218	0	0	0	0
Washington	11,817	19,210	-38.0%	11,817	17,850	0	1,360	0	0	0	0
Pacific Noncontiguous	5,550	7,026	-21.0%	5,550	7,026	0	0	0	0	0	0
Alaska	5,550	7,026	-21.0%	5,550	7,026	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	2,817,778	2,431,969	16.0%	1,230,914	1,046,642	1,363,535	1,151,481	1,695	1,476	221,634	232,370

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, April 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014
New England	W	W	W	4.01	4.09	W	W
Connecticut	--	--	--	--	--	--	--
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	4.01	4.09	-2.0%	4.01	4.09	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.41	2.61	-7.7%	--	--	2.41	2.61
New Jersey	3.87	3.83	1.0%	--	--	3.87	3.83
New York	3.16	3.04	3.9%	--	--	3.16	3.04
Pennsylvania	2.34	2.53	-7.5%	--	--	2.34	2.53
East North Central	2.27	2.37	-4.2%	2.42	2.49	1.93	2.11
Illinois	1.87	2.04	-8.3%	1.99	2.03	1.85	2.05
Indiana	W	W	W	2.32	2.62	W	W
Michigan	W	W	W	2.87	2.81	W	W
Ohio	W	W	W	2.24	2.33	W	W
Wisconsin	2.40	2.34	2.6%	2.40	2.34	--	--
West North Central	1.71	1.79	-4.5%	1.71	1.79	--	--
Iowa	1.61	1.65	-2.4%	1.61	1.65	--	--
Kansas	1.68	1.81	-7.2%	1.68	1.81	--	--
Minnesota	1.89	1.85	2.2%	1.89	1.85	--	--
Missouri	1.91	2.00	-4.5%	1.91	2.00	--	--
Nebraska	1.35	1.41	-4.3%	1.35	1.41	--	--
North Dakota	1.55	1.54	0.6%	1.55	1.54	--	--
South Dakota	--	2.03	--	--	2.03	--	--
South Atlantic	2.97	3.11	-4.5%	3.05	3.24	2.53	2.70
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.07	3.38	W	W
Georgia	2.92	3.16	-7.6%	2.92	3.16	--	--
Maryland	2.93	3.04	-3.6%	--	--	2.93	3.04
North Carolina	3.56	3.61	-1.4%	3.56	3.61	--	--
South Carolina	3.56	3.62	-1.7%	3.56	3.62	--	--
Virginia	W	W	W	2.92	3.32	W	W
West Virginia	2.33	2.47	-5.7%	2.43	2.66	2.12	2.19
East South Central	2.31	W	W	2.31	2.50	2.33	W
Alabama	2.46	2.60	-5.4%	2.46	2.60	--	--
Kentucky	W	2.36	W	2.22	2.36	W	--
Mississippi	W	W	W	3.41	3.32	W	W
Tennessee	2.45	2.50	-2.0%	2.45	2.50	--	--
West South Central	2.00	2.03	-1.5%	2.12	2.14	1.86	1.91
Arkansas	W	W	W	2.40	2.47	W	W
Louisiana	W	W	W	2.57	2.62	W	W
Oklahoma	W	W	W	2.02	1.98	W	W
Texas	1.93	1.95	-1.0%	2.04	2.05	1.85	1.89
Mountain	W	W	W	1.91	1.99	W	W
Arizona	2.02	2.10	-3.8%	2.02	2.10	--	--
Colorado	1.66	1.89	-12.0%	1.66	1.89	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.75	2.30	W	W
New Mexico	2.35	2.44	-3.7%	2.35	2.44	--	--
Utah	1.95	2.05	-4.9%	1.95	2.05	--	--
Wyoming	1.69	1.61	5.0%	1.69	1.61	--	--
Pacific Contiguous	W	W	W	--	2.44	W	W
California	--	W	W	--	--	--	W
Oregon	--	2.44	--	--	2.44	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.24	2.38	-5.9%	2.28	2.41	2.11	2.28

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) April 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	3.65	3.49	4.6%	3.81	4.33	3.60	3.25
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	3.81	4.33	-12.0%	3.81	4.33	--	--
Rhode Island	--	W	W	--	--	--	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.57	2.77	-7.2%	--	--	2.57	2.77
New Jersey	3.98	3.82	4.2%	--	--	3.98	3.82
New York	3.16	3.05	3.6%	--	--	3.16	3.05
Pennsylvania	2.49	2.70	-7.8%	--	--	2.49	2.70
East North Central	2.24	2.33	-3.9%	2.35	2.46	2.00	2.05
Illinois	1.95	1.98	-1.5%	2.04	2.07	1.94	1.97
Indiana	W	W	W	2.36	2.62	W	W
Michigan	W	W	W	2.65	2.75	W	W
Ohio	W	W	W	2.22	2.31	W	W
Wisconsin	2.35	2.27	3.5%	2.35	2.27	--	--
West North Central	1.77	1.76	0.6%	1.77	1.76	--	--
Iowa	1.65	1.64	0.6%	1.65	1.64	--	--
Kansas	1.73	1.77	-2.3%	1.73	1.77	--	--
Minnesota	1.96	1.90	3.2%	1.96	1.90	--	--
Missouri	1.95	1.99	-2.0%	1.95	1.99	--	--
Nebraska	1.37	1.38	-0.7%	1.37	1.38	--	--
North Dakota	1.56	1.46	6.8%	1.56	1.46	--	--
South Dakota	2.17	2.11	2.8%	2.17	2.11	--	--
South Atlantic	2.99	3.09	-3.2%	3.08	3.23	2.55	2.64
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.09	3.34	W	W
Georgia	2.97	3.14	-5.4%	2.97	3.14	--	--
Maryland	2.96	3.07	-3.6%	--	--	2.96	3.07
North Carolina	3.56	3.63	-1.9%	3.56	3.63	--	--
South Carolina	3.59	3.67	-2.2%	3.59	3.67	--	--
Virginia	W	W	W	3.03	3.27	W	W
West Virginia	2.35	2.45	-4.1%	2.44	2.66	2.19	2.17
East South Central	W	W	W	2.35	2.48	W	W
Alabama	2.43	2.64	-8.0%	2.43	2.64	--	--
Kentucky	W	2.37	W	2.26	2.37	W	--
Mississippi	W	W	W	3.34	3.42	W	W
Tennessee	2.44	2.45	-0.4%	2.44	2.45	--	--
West South Central	2.05	2.06	-0.5%	2.13	2.18	1.94	1.92
Arkansas	W	W	W	2.24	2.38	W	W
Louisiana	W	W	W	2.27	2.64	W	W
Oklahoma	W	W	W	2.00	1.95	W	W
Texas	2.01	1.99	1.0%	2.14	2.16	1.92	1.89
Mountain	W	W	W	1.90	1.98	W	W
Arizona	2.02	2.11	-4.3%	2.02	2.11	--	--
Colorado	1.78	1.89	-5.8%	1.78	1.89	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.71	2.39	W	W
New Mexico	2.40	2.37	1.3%	2.40	2.37	--	--
Utah	1.95	2.08	-6.3%	1.95	2.08	--	--
Wyoming	1.59	1.59	0.0%	1.59	1.59	--	--
Pacific Contiguous	W	W	W	2.43	2.47	W	W
California	--	W	W	--	--	--	W
Oregon	2.43	2.47	-1.6%	2.43	2.47	--	--
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	2.34	-3.8%	2.27	2.36	2.19	2.28

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, April 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014
New England	W	22.11	W	14.23	23.05	W	21.98
Connecticut	--	26.29	--	--	--	--	26.29
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	14.23	23.05	-38.0%	14.23	23.05	--	--
Rhode Island	--	W	W	--	--	--	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	14.08	19.91	-29.0%	16.09	18.69	13.82	22.14
New Jersey	W	22.05	W	--	--	W	22.05
New York	W	19.51	W	16.09	18.69	W	21.98
Pennsylvania	13.82	22.63	-39.0%	--	--	13.82	22.63
East North Central	13.59	23.61	-42.0%	13.51	23.62	14.10	23.53
Illinois	14.13	23.53	-40.0%	13.84	23.56	14.23	23.52
Indiana	13.47	23.83	-43.0%	13.47	23.83	--	--
Michigan	13.39	22.47	-40.0%	13.39	22.47	--	--
Ohio	13.70	24.23	-43.0%	13.65	24.31	13.93	23.55
Wisconsin	13.23	22.86	-42.0%	13.23	22.86	--	--
West North Central	13.02	22.54	-42.0%	13.02	22.54	--	--
Iowa	13.31	22.52	-41.0%	13.31	22.52	--	--
Kansas	12.88	22.49	-43.0%	12.88	22.49	--	--
Minnesota	14.19	23.86	-41.0%	14.19	23.86	--	--
Missouri	13.21	22.23	-41.0%	13.21	22.23	--	--
Nebraska	--	22.03	--	--	22.03	--	--
North Dakota	12.73	23.60	-46.0%	12.73	23.60	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	15.18	W	W	14.98	22.36	16.65	W
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	17.00	24.05	W	W
Georgia	13.70	23.68	-42.0%	13.70	23.68	--	--
Maryland	13.36	W	W	--	--	13.36	W
North Carolina	13.44	22.83	-41.0%	13.44	22.83	--	--
South Carolina	14.23	23.47	-39.0%	14.23	23.47	--	--
Virginia	W	W	W	14.85	20.06	W	W
West Virginia	14.58	24.41	-40.0%	14.58	24.41	--	--
East South Central	13.71	22.43	-39.0%	13.71	22.43	--	--
Alabama	13.97	22.04	-37.0%	13.97	22.04	--	--
Kentucky	13.83	23.11	-40.0%	13.83	23.11	--	--
Mississippi	12.95	21.80	-41.0%	12.95	21.80	--	--
Tennessee	13.49	22.31	-40.0%	13.49	22.31	--	--
West South Central	W	22.20	W	13.88	22.64	W	21.53
Arkansas	W	W	W	13.83	23.04	W	W
Louisiana	W	W	W	13.93	22.68	W	W
Oklahoma	--	--	--	--	--	--	--
Texas	W	W	W	13.99	21.93	W	W
Mountain	W	W	W	14.64	24.66	W	W
Arizona	13.49	22.32	-40.0%	13.49	22.32	--	--
Colorado	13.40	--	--	13.40	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	23.73	W	15.84	23.73	W	--
New Mexico	15.22	25.85	-41.0%	15.22	25.85	--	--
Utah	14.97	23.02	-35.0%	14.97	23.02	--	--
Wyoming	11.04	22.60	-51.0%	11.04	22.60	--	--
Pacific Contiguous	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Pacific Noncontiguous	W	W	W	12.60	21.67	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	12.60	21.67	W	W
U.S. Total	13.19	21.77	-39.0%	13.28	21.74	12.86	21.86

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) April 2015 and 2014 (Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	W	W	W	17.45	19.70	W	W
Connecticut	16.02	W	W	--	--	16.02	W
Maine	W	W	W	--	--	W	W
Massachusetts	15.25	19.94	-24.0%	22.01	22.78	15.14	19.87
New Hampshire	W	W	W	13.73	19.26	W	W
Rhode Island	W	W	W	--	--	W	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	12.71	21.55	-41.0%	9.98	20.42	14.64	21.91
New Jersey	17.76	23.70	-25.0%	--	--	17.76	23.70
New York	12.49	20.72	-40.0%	9.98	20.42	14.77	20.87
Pennsylvania	13.60	23.41	-42.0%	--	--	13.60	23.41
East North Central	13.97	24.39	-43.0%	13.97	23.47	13.97	25.91
Illinois	14.29	W	W	14.62	23.53	14.16	W
Indiana	13.98	24.02	-42.0%	13.98	24.02	--	--
Michigan	13.19	22.78	-42.0%	13.19	22.78	--	--
Ohio	13.89	25.32	-45.0%	13.88	23.93	13.91	26.18
Wisconsin	16.04	W	W	16.04	22.27	--	W
West North Central	12.92	22.48	-43.0%	12.92	22.48	--	--
Iowa	13.03	22.42	-42.0%	13.03	22.42	--	--
Kansas	12.94	22.26	-42.0%	12.94	22.26	--	--
Minnesota	13.74	22.62	-39.0%	13.74	22.62	--	--
Missouri	12.79	22.42	-43.0%	12.79	22.42	--	--
Nebraska	--	22.28	--	--	22.28	--	--
North Dakota	13.07	22.95	-43.0%	13.07	22.95	--	--
South Dakota	12.44	23.34	-47.0%	12.44	23.34	--	--
South Atlantic	14.96	22.51	-34.0%	14.90	22.46	15.17	22.63
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	16.18	22.91	W	W
Georgia	18.12	W	W	21.78	23.54	14.11	W
Maryland	11.40	22.06	-48.0%	--	--	11.40	22.06
North Carolina	W	W	W	14.43	22.86	W	W
South Carolina	14.94	23.22	-36.0%	14.94	23.22	--	--
Virginia	15.04	22.04	-32.0%	14.07	21.64	18.28	23.97
West Virginia	14.67	W	W	14.67	24.97	--	W
East South Central	W	W	W	13.08	22.61	W	W
Alabama	W	W	W	13.11	21.97	W	W
Kentucky	14.05	23.47	-40.0%	14.05	23.47	--	--
Mississippi	12.68	22.43	-43.0%	12.68	22.43	--	--
Tennessee	12.46	22.52	-45.0%	12.46	22.52	--	--
West South Central	13.49	22.13	-39.0%	13.41	22.08	13.62	22.16
Arkansas	W	W	W	14.31	22.87	W	W
Louisiana	W	W	W	12.13	21.75	W	W
Oklahoma	15.98	23.24	-31.0%	15.98	23.24	--	--
Texas	W	W	W	15.61	21.88	W	W
Mountain	W	W	W	15.01	23.68	W	W
Arizona	14.23	22.76	-37.0%	14.23	22.76	--	--
Colorado	15.24	26.39	-42.0%	15.24	26.39	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	17.59	24.03	W	W
New Mexico	15.46	24.70	-37.0%	15.46	24.70	--	--
Utah	15.28	22.30	-31.0%	15.28	22.30	--	--
Wyoming	14.60	23.57	-38.0%	14.60	23.57	--	--
Pacific Contiguous	W	W	W	--	--	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	11.20	21.10	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	11.20	21.10	W	W
U.S. Total	12.63	21.80	-42.0%	12.18	21.70	13.41	21.92

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, April 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	W	W	W	1.65	1.22	W	W
Illinois	--	--	--	--	--	--	--
Indiana	--	0.97	--	--	0.97	--	--
Michigan	W	W	W	1.65	1.45	W	W
Ohio	W	W	W	--	--	W	W
Wisconsin	1.65	1.84	-10.0%	1.65	1.84	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.37	2.37	0.0%	2.37	2.37	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.37	2.37	0.0%	2.37	2.37	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.72	1.73	-0.6%	1.72	1.73	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.72	1.73	-0.6%	1.72	1.73	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.96	2.24	-13.0%	1.96	2.24	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.96	2.24	-13.0%	1.96	2.24	--	--
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	W	W	1.95	2.07	W	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) April 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 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	1.24	1.24	W	W
Illinois	--	--	--	--	--	--	--
Indiana	0.92	1.04	-12.0%	0.92	1.04	--	--
Michigan	W	W	W	1.55	1.44	W	W
Ohio	W	W	W	--	--	W	W
Wisconsin	1.57	1.86	-16.0%	1.57	1.86	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.35	2.37	-0.8%	2.35	2.37	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.35	2.37	-0.8%	2.35	2.37	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.74	1.74	0.0%	1.74	1.74	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.74	1.74	0.0%	1.74	1.74	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.92	2.00	-4.0%	1.92	2.00	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.92	2.00	-4.0%	1.92	2.00	--	--
Oklahoma	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	1.94	W	W	1.89	1.96	2.35	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, April 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	April 2015	April 2014	Percentage Change	April 2015	April 2014	April 2015	April 2014
New England	W	5.12	W	3.81	6.61	W	5.11
Connecticut	2.92	4.88	-40.0%	--	--	2.92	4.88
Maine	W	W	W	--	--	W	W
Massachusetts	3.26	5.23	-38.0%	3.92	5.01	3.26	5.23
New Hampshire	W	W	W	3.76	7.79	W	W
Rhode Island	3.31	5.10	-35.0%	--	--	3.31	5.10
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.33	4.68	-50.0%	2.54	4.96	2.31	4.65
New Jersey	2.39	4.56	-48.0%	--	--	2.39	4.56
New York	2.74	5.07	-46.0%	2.54	4.96	2.79	5.10
Pennsylvania	1.93	4.33	-55.0%	--	--	1.93	4.33
East North Central	2.65	W	W	2.64	4.97	2.66	W
Illinois	W	W	W	4.37	12.71	W	W
Indiana	W	W	W	2.69	5.25	W	W
Michigan	3.14	5.25	-40.0%	3.22	5.05	3.11	5.34
Ohio	2.07	4.49	-54.0%	1.86	4.37	2.20	4.56
Wisconsin	W	5.45	W	3.22	5.71	W	5.08
West North Central	W	W	W	3.26	5.97	W	W
Iowa	2.81	6.79	-59.0%	2.81	6.79	--	--
Kansas	4.11	5.58	-26.0%	4.11	5.58	--	--
Minnesota	W	W	W	3.29	7.06	W	W
Missouri	W	W	W	3.35	5.58	W	W
Nebraska	3.41	5.49	-38.0%	3.41	5.49	--	--
North Dakota	2.76	--	--	2.76	--	--	--
South Dakota	3.25	4.92	-34.0%	3.25	4.92	--	--
South Atlantic	3.89	5.45	-29.0%	4.00	5.49	2.77	5.07
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	5.54	W	4.27	5.55	W	4.84
Georgia	3.19	5.32	-40.0%	3.18	5.29	3.23	5.43
Maryland	2.47	5.03	-51.0%	--	--	2.47	5.03
North Carolina	W	W	W	4.22	5.70	W	W
South Carolina	W	W	W	3.41	4.95	W	W
Virginia	W	4.69	W	2.72	5.33	W	4.07
West Virginia	W	5.42	W	--	4.89	W	5.52
East South Central	2.92	4.97	-41.0%	2.92	4.92	2.92	5.08
Alabama	W	W	W	3.06	4.87	W	W
Kentucky	W	W	W	3.26	5.17	W	W
Mississippi	W	W	W	2.86	4.88	W	W
Tennessee	2.64	4.96	-47.0%	2.64	4.96	--	--
West South Central	2.78	4.82	-42.0%	2.88	4.97	2.72	4.74
Arkansas	W	W	W	3.53	7.69	W	W
Louisiana	2.95	4.87	-39.0%	2.82	4.93	3.25	4.76
Oklahoma	W	W	W	2.97	5.17	W	W
Texas	2.72	4.76	-43.0%	2.84	4.84	2.69	4.73
Mountain	3.29	5.58	-41.0%	3.36	5.70	2.85	5.26
Arizona	W	5.87	W	3.80	6.62	W	4.77
Colorado	W	5.83	W	3.86	6.02	W	5.64
Idaho	3.05	W	W	3.05	43.76	--	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	3.20	5.65	W	W
New Mexico	2.92	5.05	-42.0%	2.92	5.05	--	--
Utah	W	4.80	W	2.79	4.80	W	--
Wyoming	14.59	7.14	104.0%	14.59	7.14	--	--
Pacific Contiguous	3.10	5.23	-41.0%	3.33	5.56	2.88	5.01
California	3.24	5.24	-38.0%	3.48	5.59	3.03	5.02
Oregon	2.56	5.09	-50.0%	2.73	6.87	2.46	4.94
Washington	3.28	5.21	-37.0%	3.28	5.21	--	--
Pacific Noncontiguous	5.43	5.44	-0.2%	5.43	5.44	--	--
Alaska	5.43	5.44	-0.2%	5.43	5.44	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	3.12	5.11	-39.0%	3.48	5.33	2.69	4.86

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) April 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	April 2015 YTD	April 2014 YTD	Percentage Change	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	8.34	12.74	-35.0%	11.80	12.98	8.33	12.74
Connecticut	7.72	11.62	-34.0%	--	--	7.72	11.62
Maine	W	W	W	--	--	W	W
Massachusetts	8.89	13.43	-34.0%	13.52	14.73	8.86	13.42
New Hampshire	W	W	W	3.91	8.12	W	W
Rhode Island	8.21	13.94	-41.0%	--	--	8.21	13.94
Vermont	--	--	--	--	--	--	--
Middle Atlantic	4.94	9.32	-47.0%	6.84	9.09	4.74	9.35
New Jersey	5.17	8.42	-39.0%	--	--	5.17	8.42
New York	5.64	9.03	-38.0%	6.84	9.09	5.25	9.01
Pennsylvania	4.10	10.14	-60.0%	--	--	4.10	10.14
East North Central	3.22	7.14	-55.0%	3.18	6.74	3.25	7.43
Illinois	W	W	W	4.32	12.11	W	W
Indiana	W	W	W	3.26	6.30	W	W
Michigan	3.59	9.48	-62.0%	3.48	9.75	3.62	9.38
Ohio	2.71	5.41	-50.0%	2.54	5.54	2.80	5.34
Wisconsin	3.57	6.82	-48.0%	3.84	6.95	3.33	6.69
West North Central	W	7.79	W	3.95	7.94	W	6.80
Iowa	4.09	13.22	-69.0%	4.09	13.22	--	--
Kansas	4.29	7.04	-39.0%	4.29	7.04	--	--
Minnesota	W	W	W	4.22	7.42	W	W
Missouri	W	W	W	3.44	6.60	W	W
Nebraska	3.85	7.69	-50.0%	3.85	7.69	--	--
North Dakota	2.81	--	--	2.81	--	--	--
South Dakota	2.92	9.21	-68.0%	2.92	9.21	--	--
South Atlantic	4.62	6.41	-28.0%	4.69	6.34	4.16	6.88
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	4.50	5.84	-23.0%	4.52	5.86	2.95	4.90
Georgia	W	W	W	3.43	5.72	W	W
Maryland	W	W	W	--	--	W	W
North Carolina	W	W	W	6.03	7.81	W	W
South Carolina	W	W	W	3.89	5.61	W	W
Virginia	W	9.38	W	6.74	11.49	W	7.22
West Virginia	2.34	W	W	3.42	6.34	2.21	W
East South Central	3.22	5.38	-40.0%	3.25	5.34	3.15	5.46
Alabama	W	5.32	W	3.21	5.07	W	5.49
Kentucky	W	W	W	3.98	5.92	W	W
Mississippi	W	W	W	3.15	5.26	W	W
Tennessee	3.20	5.63	-43.0%	3.20	5.63	--	--
West South Central	3.00	5.32	-44.0%	3.14	5.55	2.92	5.18
Arkansas	W	W	W	3.64	7.37	W	W
Louisiana	3.09	5.22	-41.0%	3.08	5.39	3.11	4.90
Oklahoma	W	W	W	3.16	5.83	W	W
Texas	2.96	5.22	-43.0%	3.12	5.41	2.91	5.16
Mountain	W	5.87	W	3.62	5.95	W	5.61
Arizona	W	6.25	W	4.02	7.05	W	5.17
Colorado	4.37	6.04	-28.0%	4.34	6.23	4.42	5.80
Idaho	3.20	W	W	3.20	6.44	--	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	3.47	5.76	W	W
New Mexico	3.14	5.38	-42.0%	3.14	5.38	--	--
Utah	W	W	W	3.25	5.27	W	W
Wyoming	6.58	7.40	-11.0%	6.58	7.40	--	--
Pacific Contiguous	3.43	5.66	-39.0%	3.73	5.81	3.10	5.52
California	3.52	5.69	-38.0%	3.81	5.97	3.22	5.49
Oregon	2.87	W	W	3.13	4.96	2.71	W
Washington	3.86	W	W	3.86	5.79	--	W
Pacific Noncontiguous	5.60	4.74	18.0%	5.60	4.74	--	--
Alaska	5.60	4.74	18.0%	5.60	4.74	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	3.92	6.57	-40.0%	4.01	6.11	3.82	7.07

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, April 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	99	1.77	9.6	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	7	0.68	8.0	0	--	--	0	--	--
Massachusetts	40	0.78	12.3	0	--	--	0	--	--
New Hampshire	53	2.61	8.0	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	2,178	2.93	10.8	74	0.22	5.4	0	--	--
New Jersey	74	1.58	8.6	0	--	--	0	--	--
New York	38	2.27	9.8	74	0.22	5.4	0	--	--
Pennsylvania	2,066	2.99	10.9	0	--	--	0	--	--
East North Central	6,211	3.04	10.1	7,499	0.24	4.9	0	--	--
Illinois	832	3.57	20.1	3,621	0.22	4.7	0	--	--
Indiana	2,770	2.90	8.7	227	0.26	4.7	0	--	--
Michigan	232	1.80	7.6	1,937	0.27	5.1	0	--	--
Ohio	2,246	3.22	9.2	0	--	--	0	--	--
Wisconsin	130	2.42	8.2	1,714	0.26	5.2	0	--	--
West North Central	148	3.47	8.7	9,029	0.29	5.2	1,852	0.87	10.2
Iowa	34	3.50	8.0	1,920	0.26	5.0	0	--	--
Kansas	25	3.83	14.5	1,570	0.38	5.2	0	--	--
Minnesota	0	--	--	1,403	0.37	6.5	0	--	--
Missouri	89	3.36	7.4	2,999	0.22	4.7	0	--	--
Nebraska	0	--	--	1,095	0.29	5.5	0	--	--
North Dakota	0	--	--	43	0.33	4.7	1,852	0.87	10.2
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	7,805	2.23	9.8	1,089	0.31	5.0	0	--	--
Delaware	35	2.42	7.7	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,691	2.30	8.5	0	--	--	0	--	--
Georgia	765	2.23	9.1	1,058	0.32	5.0	0	--	--
Maryland	490	2.20	9.4	31	0.21	4.4	0	--	--
North Carolina	1,365	1.92	9.6	0	--	--	0	--	--
South Carolina	874	1.60	9.3	0	--	--	0	--	--
Virginia	276	1.04	10.1	0	--	--	0	--	--
West Virginia	2,308	2.76	11.2	0	--	--	0	--	--
East South Central	4,064	2.56	9.0	1,913	0.27	5.4	304	0.49	14.0
Alabama	802	1.89	9.3	954	0.27	5.4	0	--	--
Kentucky	2,828	2.90	9.1	781	0.28	5.5	0	--	--
Mississippi	55	1.25	6.1	0	--	--	304	0.49	14.0
Tennessee	379	1.63	8.4	177	0.20	4.5	0	--	--
West South Central	97	2.23	17.5	6,622	0.28	5.2	2,253	0.97	17.7
Arkansas	6	0.65	8.6	941	0.26	5.4	0	--	--
Louisiana	37	3.24	9.3	481	0.29	5.2	23	0.54	13.6
Oklahoma	55	1.71	24.5	1,192	0.26	4.8	0	--	--
Texas	0	--	--	4,007	0.29	5.2	2,230	0.98	17.7
Mountain	2,376	0.62	14.0	6,098	0.51	9.6	0	--	--
Arizona	422	0.63	10.3	1,225	0.64	10.1	0	--	--
Colorado	176	0.53	11.5	1,231	0.28	5.4	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	629	0.68	10.6	0	--	--
Nevada	0	--	--	124	0.38	8.3	0	--	--
New Mexico	464	0.73	25.6	636	0.75	22.4	0	--	--
Utah	1,314	0.60	12.0	63	0.78	9.4	0	--	--
Wyoming	0	--	--	2,191	0.45	7.8	0	--	--
Pacific Contiguous	43	0.52	8.8	147	0.30	8.9	0	--	--
California	43	0.52	8.8	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	147	0.30	8.9	0	--	--
Pacific Noncontiguous	59	1.25	5.9	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	59	1.25	5.9	0	--	--	0	--	--
U.S. Total	23,081	2.42	10.2	32,472	0.32	6.0	4,409	0.90	14.2

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.
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, April 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	53	2.61	8.0	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	--	--	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	53	2.61	8.0	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	4,961	3.01	8.9	4,098	0.26	5.1	0	--	--
Illinois	170	3.30	10.4	245	0.23	4.9	0	--	--
Indiana	2,551	2.86	8.6	227	0.26	4.7	0	--	--
Michigan	205	1.88	7.6	1,935	0.27	5.1	0	--	--
Ohio	1,926	3.31	9.3	0	--	--	0	--	--
Wisconsin	108	2.57	7.7	1,691	0.26	5.2	0	--	--
West North Central	109	3.48	9.0	8,980	0.29	5.2	1,852	0.87	10.2
Iowa	0	--	--	1,870	0.26	5.0	0	--	--
Kansas	25	3.83	14.5	1,570	0.38	5.2	0	--	--
Minnesota	0	--	--	1,403	0.37	6.5	0	--	--
Missouri	84	3.37	7.3	2,999	0.22	4.7	0	--	--
Nebraska	0	--	--	1,095	0.29	5.5	0	--	--
North Dakota	0	--	--	43	0.33	4.7	1,852	0.87	10.2
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	6,391	2.10	9.7	1,058	0.32	5.0	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,654	2.33	8.4	0	--	--	0	--	--
Georgia	747	2.25	9.1	1,058	0.32	5.0	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	1,365	1.92	9.6	0	--	--	0	--	--
South Carolina	874	1.60	9.3	0	--	--	0	--	--
Virginia	204	0.96	10.7	0	--	--	0	--	--
West Virginia	1,547	2.39	11.5	0	--	--	0	--	--
East South Central	3,924	2.61	9.1	1,881	0.27	5.3	0	--	--
Alabama	802	1.89	9.3	954	0.27	5.4	0	--	--
Kentucky	2,828	2.90	9.1	749	0.28	5.5	0	--	--
Mississippi	36	0.41	5.0	0	--	--	0	--	--
Tennessee	257	1.99	8.6	177	0.20	4.5	0	--	--
West South Central	37	3.24	9.3	3,966	0.26	5.1	452	1.02	18.1
Arkansas	0	--	--	629	0.26	5.3	0	--	--
Louisiana	37	3.24	9.3	217	0.27	5.2	23	0.54	13.6
Oklahoma	0	--	--	1,122	0.26	4.9	0	--	--
Texas	0	--	--	1,998	0.26	5.1	428	1.05	18.4
Mountain	2,357	0.62	14.0	5,454	0.49	9.5	0	--	--
Arizona	422	0.63	10.3	1,225	0.64	10.1	0	--	--
Colorado	176	0.53	11.5	1,231	0.28	5.4	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	0	--	--	109	0.40	8.8	0	--	--
New Mexico	464	0.73	25.6	636	0.75	22.4	0	--	--
Utah	1,295	0.61	12.0	63	0.78	9.4	0	--	--
Wyoming	0	--	--	2,191	0.45	7.8	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	17,831	2.30	9.8	25,437	0.32	6.1	2,304	0.90	11.6

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 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, April 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	45	0.77	11.8	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	6	0.68	8.0	0	--	--	0	--	--
Massachusetts	40	0.78	12.3	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	2,134	2.94	10.8	74	0.22	5.4	0	--	--
New Jersey	74	1.58	8.6	0	--	--	0	--	--
New York	6	0.88	22.3	74	0.22	5.4	0	--	--
Pennsylvania	2,054	3.00	10.9	0	--	--	0	--	--
East North Central	1,081	3.19	16.7	3,330	0.21	4.7	0	--	--
Illinois	546	3.70	27.3	3,327	0.21	4.7	0	--	--
Indiana	219	3.33	10.2	0	--	--	0	--	--
Michigan	18	0.42	5.7	3	0.22	5.0	0	--	--
Ohio	298	2.61	8.6	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	1,317	2.89	9.8	31	0.21	4.4	0	--	--
Delaware	35	2.42	7.7	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	38	1.02	10.6	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	466	2.21	8.9	31	0.21	4.4	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	45	0.90	8.9	0	--	--	0	--	--
West Virginia	732	3.59	10.5	0	--	--	0	--	--
East South Central	18	2.95	8.2	32	0.41	6.1	304	0.49	14.0
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	32	0.41	6.1	0	--	--
Mississippi	18	2.95	8.2	0	--	--	304	0.49	14.0
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	55	1.71	24.5	2,656	0.31	5.4	1,801	0.96	17.6
Arkansas	0	--	--	312	0.25	5.5	0	--	--
Louisiana	0	--	--	264	0.30	5.2	0	--	--
Oklahoma	55	1.71	24.5	70	0.23	4.6	0	--	--
Texas	0	--	--	2,010	0.32	5.4	1,801	0.96	17.6
Mountain	0	--	--	644	0.67	10.4	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	629	0.68	10.6	0	--	--
Nevada	0	--	--	15	0.23	4.8	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	0	--	--	147	0.30	8.9	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	147	0.30	8.9	0	--	--
Pacific Noncontiguous	59	1.25	5.9	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	59	1.25	5.9	0	--	--	0	--	--
U.S. Total	4,710	2.93	11.8	6,914	0.29	5.6	2,105	0.91	17.1

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 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, April 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	8	2.45	8.8	0	--	--	0	--	--
Illinois	0	--	--	0	--	--	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	8	2.45	8.8	0	--	--	0	--	--
Ohio	0	--	--	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	5	3.11	8.7	0	--	--	0	--	--
Iowa	0	--	--	0	--	--	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	5	3.11	8.7	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	13	2.72	8.8	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, April 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	1	0.68	8.0	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	1	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	44	2.28	9.1	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	32	2.50	7.8	0	--	--	0	--	--
Pennsylvania	12	1.69	12.6	0	--	--	0	--	--
East North Central	161	3.19	8.8	72	0.37	5.5	0	--	--
Illinois	115	3.50	8.0	49	0.41	5.5	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	2	0.86	9.8	0	--	--	0	--	--
Ohio	22	3.45	10.2	0	--	--	0	--	--
Wisconsin	22	1.51	11.2	23	0.28	5.5	0	--	--
West North Central	34	3.50	8.0	50	0.22	4.4	0	--	--
Iowa	34	3.50	8.0	50	0.22	4.4	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	97	1.54	12.5	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	18	1.50	11.0	0	--	--	0	--	--
Maryland	24	1.93	19.9	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	26	1.85	8.0	0	--	--	0	--	--
West Virginia	29	0.97	12.4	0	--	--	0	--	--
East South Central	121	0.92	8.1	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	121	0.92	8.1	0	--	--	0	--	--
West South Central	6	0.65	8.6	0	--	--	0	--	--
Arkansas	6	0.65	8.6	0	--	--	0	--	--
Louisiana	0	--	--	0	--	--	0	--	--
Oklahoma	0	--	--	0	--	--	0	--	--
Texas	0	--	--	0	--	--	0	--	--
Mountain	19	0.43	9.7	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	19	0.43	9.7	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	43	0.52	8.8	0	--	--	0	--	--
California	43	0.52	8.8	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	527	1.90	9.3	121	0.31	5.1	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 - April 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	1,394,890	1,344,192	978,356	7,625	3,725,064
2014	1,402,911	1,357,505	955,488	7,776	3,723,681
Year 2013					
January	131,793	107,981	80,264	664	320,702
February	113,122	101,278	76,441	659	291,499
March	112,103	104,390	80,107	644	297,243
April	95,546	101,885	79,737	630	277,798
May	95,198	109,405	84,187	627	289,418
June	117,991	118,244	83,351	638	320,223
July	143,877	128,322	85,907	649	358,755
August	138,073	128,001	86,870	645	353,589
Sept	121,427	119,168	82,276	626	323,497
October	98,899	112,547	82,351	591	294,388
November	97,909	103,821	79,204	574	281,509
December	128,952	109,150	77,662	679	316,442
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
March	116,698	107,999	76,733	678	302,108
April	89,825	104,385	77,326	623	272,159
Year to Date					
2013	452,564	415,534	316,549	2,596	1,187,243
2014	480,521	428,744	304,227	2,724	1,216,217
2015	467,262	429,172	305,114	2,628	1,204,176
Rolling 12 Months Ending in April					
2014	1,422,848	1,357,403	966,034	7,754	3,754,038
2015	1,389,651	1,357,933	956,376	7,680	3,711,640

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 - April 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	170,466	138,679	66,934	805	376,884
2014	175,404	145,889	67,019	798	389,111
Year 2013					
January	15,219	10,588	5,206	70	31,083
February	13,269	10,225	5,080	70	28,644
March	13,123	10,493	5,306	66	28,988
April	11,490	10,180	5,229	65	26,964
May	11,903	11,251	5,644	66	28,864
June	14,911	12,679	5,974	69	33,632
July	18,349	13,835	6,323	71	38,579
August	17,422	13,760	6,328	69	37,580
Sept	15,306	12,625	5,875	68	33,874
October	12,310	11,642	5,589	62	29,603
November	11,927	10,498	5,228	60	27,713
December	15,236	10,903	5,152	69	31,360
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
March	14,409	11,425	5,206	70	31,110
April	11,351	10,777	5,068	61	27,257
Year to Date					
2013	53,102	41,485	20,821	270	115,679
2014	57,605	45,169	21,073	278	124,126
2015	57,546	44,862	20,467	274	123,149
Rolling 12 Months Ending in April					
2014	174,969	142,364	67,186	812	385,331
2015	175,345	145,582	66,413	795	388,135

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 - April 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	12.22	10.32	6.84	10.55	10.12
2014	12.50	10.75	7.01	10.27	10.45
Year 2013					
January	11.55	9.81	6.49	10.53	9.69
February	11.73	10.10	6.65	10.56	9.83
March	11.71	10.05	6.62	10.25	9.75
April	12.03	9.99	6.56	10.28	9.71
May	12.50	10.28	6.70	10.50	9.97
June	12.64	10.72	7.17	10.76	10.50
July	12.75	10.78	7.36	10.97	10.75
August	12.62	10.75	7.28	10.77	10.63
Sept	12.60	10.59	7.14	10.88	10.47
October	12.45	10.34	6.79	10.46	10.06
November	12.18	10.11	6.60	10.49	9.84
December	11.82	9.99	6.63	10.20	9.91
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
March	12.35	10.58	6.79	10.26	10.30
April	12.64	10.32	6.55	9.87	10.02
Year to Date					
2013	11.73	9.98	6.58	10.41	9.74
2014	11.99	10.54	6.93	10.20	10.21
2015	12.32	10.45	6.71	10.42	10.23
Rolling 12 Months Ending in April					
2014	12.30	10.49	6.95	10.48	10.26
2015	12.62	10.72	6.94	10.35	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, April 2015 and 2014 (Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	3,490	3,487	4,098	4,049	1,532	1,474	48	53	9,167	9,062
Connecticut	992	952	1,021	987	272	273	17	17	2,302	2,229
Maine	323	357	291	297	348	288	0	0	963	941
Massachusetts	1,448	1,446	2,009	1,976	585	577	29	34	4,070	4,033
New Hampshire	359	356	349	357	155	154	0	0	863	867
Rhode Island	210	217	271	275	61	74	2	2	544	568
Vermont	158	158	156	158	111	107	0	0	425	424
Middle Atlantic	9,310	9,576	11,985	12,087	5,826	5,822	295	318	27,416	27,803
New Jersey	1,725	1,804	2,833	2,883	554	617	26	27	5,138	5,331
New York	3,677	3,659	5,836	5,862	1,470	1,378	211	227	11,194	11,126
Pennsylvania	3,908	4,113	3,316	3,342	3,802	3,827	58	63	11,085	11,346
East North Central	11,718	12,380	13,749	13,764	15,211	15,311	46	61	40,723	41,515
Illinois	2,769	2,940	3,715	3,812	3,305	3,302	40	54	9,829	10,108
Indiana	1,936	2,078	1,781	1,821	3,643	3,739	2	2	7,362	7,639
Michigan	2,254	2,349	2,934	2,858	2,460	2,539	0	1	7,648	7,747
Ohio	3,272	3,401	3,517	3,446	3,911	3,876	4	4	10,703	10,728
Wisconsin	1,488	1,612	1,801	1,827	1,892	1,854	0	0	5,180	5,293
West North Central	6,340	7,010	7,652	7,769	7,123	7,004	3	3	21,118	21,786
Iowa	882	1,010	898	960	1,692	1,646	0	0	3,473	3,617
Kansas	717	760	1,135	1,126	875	904	0	0	2,726	2,790
Minnesota	1,514	1,646	1,792	1,839	1,734	1,667	2	2	5,042	5,154
Missouri	1,943	2,104	2,272	2,259	1,287	1,324	2	2	5,503	5,688
Nebraska	612	681	717	730	782	785	0	0	2,111	2,196
North Dakota	345	430	465	477	537	464	0	0	1,347	1,371
South Dakota	327	378	373	379	216	214	0	0	917	970
South Atlantic	22,605	22,745	23,816	23,208	11,760	11,398	116	110	58,297	57,461
Delaware	270	334	379	326	172	182	0	0	822	841
District of Columbia	178	151	614	660	19	19	32	26	843	856
Florida	8,967	8,009	7,757	7,310	1,414	1,387	9	8	18,147	16,714
Georgia	3,361	3,423	3,578	3,495	2,586	2,606	13	13	9,539	9,537
Maryland	1,734	1,809	2,151	2,262	316	298	44	46	4,245	4,415
North Carolina	3,212	3,538	3,662	3,593	2,260	2,144	1	1	9,134	9,276
South Carolina	1,628	1,809	1,609	1,565	2,411	2,366	0	0	5,648	5,740
Virginia	2,580	2,900	3,504	3,446	1,536	1,375	16	16	7,636	7,738
West Virginia	674	772	562	551	1,046	1,022	0	0	2,282	2,345
East South Central	7,220	7,604	6,663	6,595	8,492	8,386	0	0	22,376	22,586
Alabama	1,871	1,936	1,704	1,686	2,773	2,767	0	0	6,348	6,389
Kentucky	1,610	1,670	1,373	1,382	2,523	2,437	0	0	5,506	5,489
Mississippi	1,107	1,153	1,029	1,001	1,334	1,400	0	0	3,469	3,555
Tennessee	2,633	2,844	2,558	2,526	1,862	1,782	0	0	7,053	7,153
West South Central	12,574	12,516	15,089	14,151	13,308	14,075	15	14	40,987	40,757
Arkansas	1,072	1,165	892	870	1,263	1,381	0	NM	3,227	3,417
Louisiana	1,856	1,831	1,856	1,785	2,538	2,640	1	1	6,251	6,256
Oklahoma	1,249	1,316	1,553	1,491	1,383	1,383	0	0	4,185	4,190
Texas	8,397	8,204	10,789	10,005	8,125	8,672	14	13	27,325	26,894
Mountain	6,010	6,072	7,224	7,211	6,739	6,625	10	11	19,983	19,919
Arizona	1,965	1,922	2,246	2,298	1,107	1,064	1	0	5,318	5,284
Colorado	1,255	1,278	1,536	1,562	1,236	1,212	5	5	4,033	4,056
Idaho	567	583	467	467	746	648	0	0	1,781	1,699
Montana	363	392	394	392	348	353	0	0	1,105	1,137
Nevada	664	647	716	646	1,076	1,112	1	1	2,457	2,407
New Mexico	420	434	681	693	609	598	0	0	1,709	1,725
Utah	575	591	866	842	771	835	4	5	2,216	2,273
Wyoming	200	224	316	310	846	803	0	0	1,363	1,337
Pacific Contiguous	10,200	10,441	13,623	13,518	6,932	6,731	89	70	30,844	30,760
California	5,993	6,110	9,978	9,900	3,741	3,499	87	68	19,798	19,577
Oregon	1,420	1,426	1,269	1,253	976	959	2	2	3,667	3,640
Washington	2,788	2,905	2,376	2,365	2,215	2,272	0	0	7,379	7,543
Pacific Noncontiguous	358	355	486	482	403	401	0	0	1,247	1,238
Alaska	162	161	228	228	108	110	0	0	498	499
Hawaii	196	193	258	254	294	291	0	0	749	739
U.S. Total	89,825	92,186	104,385	102,833	77,326	77,227	623	641	272,159	272,887

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 April 2015 and 2014 (Million Kilowatthours)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	17,161	17,241	17,374	17,381	5,903	5,869	205	210	40,644	40,700
Connecticut	4,803	4,761	4,274	4,235	1,075	1,075	63	62	10,216	10,132
Maine	1,645	1,722	1,257	1,297	1,170	1,059	0	0	4,072	4,078
Massachusetts	7,182	7,225	8,516	8,487	2,325	2,347	132	138	18,155	18,196
New Hampshire	1,688	1,693	1,485	1,508	618	635	0	0	3,791	3,837
Rhode Island	1,052	1,054	1,178	1,182	258	297	10	10	2,499	2,542
Vermont	791	787	665	672	457	456	0	0	1,912	1,915
Middle Atlantic	47,424	47,619	51,936	51,891	23,681	23,896	1,344	1,409	124,384	124,815
New Jersey	9,099	8,995	12,432	12,428	2,330	2,429	105	114	23,965	23,966
New York	17,197	17,325	24,830	24,819	5,683	5,562	991	1,010	48,700	48,715
Pennsylvania	21,128	21,299	14,675	14,644	15,669	15,906	248	285	51,719	52,134
East North Central	64,644	67,846	59,632	59,741	61,984	62,559	223	258	186,483	190,405
Illinois	15,007	15,891	16,404	16,726	13,954	14,110	196	229	45,560	46,956
Indiana	11,958	12,546	7,821	7,838	14,778	15,025	8	8	34,565	35,417
Michigan	11,380	11,820	12,428	12,145	9,797	10,143	2	2	33,606	34,110
Ohio	18,987	19,644	15,314	15,216	15,804	15,736	18	20	50,123	50,616
Wisconsin	7,312	7,945	7,666	7,816	7,651	7,544	0	0	22,629	23,305
West North Central	35,623	38,692	32,975	33,567	28,412	27,774	17	17	97,027	100,051
Iowa	4,847	5,340	3,966	4,178	6,754	6,416	0	0	15,567	15,934
Kansas	4,102	4,407	4,796	4,836	3,468	3,541	0	0	12,366	12,785
Minnesota	7,567	8,277	7,629	7,793	6,971	6,783	9	8	22,176	22,862
Missouri	12,042	12,832	9,816	9,913	5,088	5,190	8	9	26,954	27,944
Nebraska	3,348	3,686	3,028	3,106	3,103	3,158	0	0	9,479	9,951
North Dakota	1,982	2,228	2,133	2,109	2,183	1,843	0	0	6,299	6,181
South Dakota	1,735	1,921	1,606	1,631	845	842	0	0	4,186	4,394
South Atlantic	119,040	119,961	96,297	95,495	45,572	44,843	435	450	261,345	260,749
Delaware	1,743	1,779	1,324	1,368	826	702	0	0	3,893	3,850
District of Columbia	805	756	2,609	2,731	91	76	97	103	3,602	3,667
Florida	35,278	34,415	28,456	28,035	5,366	5,393	31	30	69,131	67,873
Georgia	18,437	18,917	14,547	14,490	10,247	10,103	59	55	43,290	43,565
Maryland	10,292	10,368	9,659	9,624	1,192	1,163	174	189	21,318	21,345
North Carolina	20,372	20,831	14,913	14,854	8,513	8,377	3	3	43,802	44,065
South Carolina	10,075	10,451	6,630	6,670	9,361	9,333	0	0	26,066	26,454
Virginia	17,278	17,452	15,571	15,111	5,585	5,598	70	68	38,504	38,229
West Virginia	4,760	4,991	2,587	2,613	4,391	4,096	2	2	11,740	11,701
East South Central	42,365	43,936	27,816	28,103	33,577	33,483	0	1	103,757	105,523
Alabama	10,715	11,122	6,980	7,053	11,075	11,162	0	0	28,770	29,337
Kentucky	9,898	10,268	6,017	6,143	10,015	9,862	0	0	25,930	26,274
Mississippi	6,185	6,519	4,164	4,200	5,257	5,469	0	0	15,606	16,188
Tennessee	15,567	16,028	10,654	10,707	7,230	6,989	0	1	33,451	33,725
West South Central	66,770	68,038	59,756	58,575	51,803	52,825	60	60	178,389	179,498
Arkansas	6,457	6,775	3,683	3,697	4,963	5,347	0	NM	15,103	15,819
Louisiana	9,818	10,250	7,555	7,529	10,197	10,083	4	4	27,574	27,865
Oklahoma	7,195	7,593	5,999	5,968	5,456	5,324	0	0	18,650	18,885
Texas	43,300	43,420	42,519	41,382	31,187	32,070	56	56	117,061	116,928
Mountain	27,064	27,482	28,720	28,694	26,244	25,493	45	44	82,073	81,714
Arizona	7,944	7,787	8,574	8,677	4,471	4,154	2	0	20,991	20,619
Colorado	5,769	5,859	6,333	6,307	4,900	4,725	21	22	17,023	16,912
Idaho	2,800	3,009	1,998	1,998	2,270	2,225	0	0	7,068	7,233
Montana	1,811	1,985	1,645	1,676	1,372	1,316	0	0	4,828	4,977
Nevada	2,965	2,923	2,697	2,549	4,330	4,170	3	3	9,995	9,645
New Mexico	2,101	2,101	2,700	2,716	2,336	2,314	0	0	7,137	7,131
Utah	2,642	2,703	3,423	3,410	3,154	3,243	19	20	9,239	9,376
Wyoming	1,031	1,116	1,350	1,361	3,411	3,345	0	0	5,792	5,822
Pacific Contiguous	45,626	48,109	52,723	53,325	26,369	25,877	298	275	125,015	127,585
California	25,914	26,174	37,653	37,873	13,756	13,143	288	265	77,612	77,455
Oregon	6,554	7,186	5,146	5,281	3,826	3,719	8	8	15,534	16,195
Washington	13,157	14,748	9,924	10,171	8,787	9,015	2	2	31,870	33,936
Pacific Noncontiguous	1,544	1,596	1,943	1,972	1,572	1,609	0	0	5,059	5,177
Alaska	759	779	965	969	442	459	0	0	2,166	2,208
Hawaii	785	818	979	1,002	1,130	1,149	0	0	2,893	2,969
U.S. Total	467,262	480,521	429,172	428,744	305,114	304,227	2,628	2,724	1,204,176	1,216,217

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, April 2015 and 2014 (Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	729	638	638	594	180	170	6	5	1,553	1,406
Connecticut	221	189	168	156	35	36	2	2	425	383
Maine	53	55	38	37	29	24	0	0	119	116
Massachusetts	313	263	312	287	77	71	4	NM	706	624
New Hampshire	71	62	54	51	20	19	0	0	144	132
Rhode Island	44	40	45	40	8	9	0	0	97	89
Vermont	27	29	23	23	11	11	0	0	61	62
Middle Atlantic	1,456	1,539	1,520	1,585	422	440	34	39	3,432	3,603
New Jersey	274	284	365	383	60	68	3	3	702	737
New York	653	715	838	873	92	84	26	31	1,610	1,703
Pennsylvania	529	540	316	330	270	288	5	5	1,120	1,163
East North Central	1,544	1,580	1,356	1,365	1,009	1,027	3	3	3,912	3,976
Illinois	370	346	330	331	194	202	3	3	897	882
Indiana	230	247	174	180	248	251	0	0	652	678
Michigan	317	343	305	315	169	188	0	0	791	847
Ohio	411	422	351	341	255	247	0	0	1,017	1,010
Wisconsin	216	222	196	198	143	140	0	0	555	559
West North Central	729	781	684	691	467	457	0	0	1,880	1,929
Iowa	105	118	77	84	93	95	0	0	276	298
Kansas	93	96	116	114	65	67	0	0	273	277
Minnesota	185	197	167	174	120	116	0	0	473	487
Missouri	209	222	186	186	71	71	0	0	466	479
Nebraska	65	69	62	62	58	58	0	0	185	189
North Dakota	35	40	43	39	45	35	0	0	123	114
South Dakota	36	39	33	33	15	15	0	0	84	86
South Atlantic	2,691	2,695	2,245	2,251	742	743	9	9	5,687	5,698
Delaware	37	44	35	37	13	15	0	0	85	97
District of Columbia	23	20	76	80	2	1	3	3	104	104
Florida	1,049	942	750	724	115	111	1	1	1,916	1,777
Georgia	378	393	336	353	139	156	1	1	854	903
Maryland	238	255	242	259	28	27	3	4	512	544
North Carolina	389	419	311	315	138	132	0	0	838	866
South Carolina	213	226	157	161	138	146	0	0	508	534
Virginia	294	321	287	276	105	93	1	1	688	692
West Virginia	68	74	49	47	64	62	0	0	182	182
East South Central	814	852	690	692	477	489	0	0	1,981	2,032
Alabama	230	228	186	178	159	159	0	0	575	565
Kentucky	170	179	131	135	129	129	0	0	431	443
Mississippi	134	137	113	110	84	91	0	0	331	338
Tennessee	279	307	260	269	104	110	0	0	644	686
West South Central	1,441	1,430	1,166	1,179	721	834	1	1	3,330	3,443
Arkansas	108	114	72	70	72	80	0	NM	253	263
Louisiana	171	185	160	174	134	172	0	0	465	532
Oklahoma	140	145	110	113	70	74	0	0	319	332
Texas	1,022	986	824	822	446	509	1	1	2,293	2,317
Mountain	711	703	695	684	426	420	1	1	1,833	1,809
Arizona	241	230	226	223	68	68	0	0	535	521
Colorado	150	156	153	159	87	88	1	1	391	403
Idaho	56	56	37	36	47	37	0	0	139	129
Montana	40	39	40	37	17	18	0	0	97	94
Nevada	90	88	68	64	65	69	0	0	223	221
New Mexico	52	52	69	68	38	40	0	0	158	159
Utah	61	60	73	70	46	47	0	1	180	178
Wyoming	22	23	29	28	58	53	0	0	109	103
Pacific Contiguous	1,144	1,020	1,674	1,611	542	522	7	6	3,366	3,159
California	747	618	1,370	1,310	388	370	7	6	2,511	2,304
Oregon	151	148	113	111	58	56	0	0	322	314
Washington	246	254	191	191	96	96	0	0	532	541
Pacific Noncontiguous	92	104	109	125	83	104	0	0	284	334
Alaska	32	31	40	38	16	17	0	0	87	86
Hawaii	60	74	69	87	68	88	0	0	197	248
U.S. Total	11,351	11,342	10,777	10,778	5,068	5,206	61	64	27,257	27,390

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 April 2015 and 2014 (Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	3,520	3,049	2,885	2,677	756	740	26	20	7,187	6,486
Connecticut	1,043	913	727	684	147	147	7	9	1,924	1,753
Maine	263	256	179	179	117	117	0	0	558	552
Massachusetts	1,547	1,258	1,430	1,301	321	307	17	NM	3,316	2,876
New Hampshire	329	290	238	228	83	82	0	0	650	600
Rhode Island	206	195	217	187	41	41	2	1	466	425
Vermont	132	136	95	98	46	47	0	0	274	281
Middle Atlantic	7,461	7,727	6,784	7,275	1,827	2,020	161	171	16,233	17,192
New Jersey	1,415	1,405	1,581	1,700	262	317	11	12	3,269	3,434
New York	3,276	3,539	3,775	4,079	392	397	130	136	7,574	8,151
Pennsylvania	2,770	2,783	1,428	1,496	1,172	1,307	20	23	5,390	5,608
East North Central	8,011	7,992	5,830	5,819	4,223	4,339	16	16	18,080	18,165
Illinois	1,810	1,672	1,452	1,446	904	917	13	13	4,180	4,048
Indiana	1,301	1,348	756	761	998	1,023	1	1	3,055	3,133
Michigan	1,569	1,669	1,281	1,312	680	781	0	0	3,529	3,763
Ohio	2,309	2,238	1,514	1,470	1,062	1,051	1	1	4,886	4,760
Wisconsin	1,022	1,064	827	830	580	567	0	0	2,429	2,461
West North Central	3,730	3,963	2,854	2,910	1,848	1,812	1	1	8,434	8,686
Iowa	524	568	332	350	370	362	0	0	1,226	1,279
Kansas	488	506	472	468	256	257	0	0	1,216	1,231
Minnesota	884	964	692	736	471	480	1	1	2,048	2,180
Missouri	1,154	1,206	780	786	280	289	1	1	2,215	2,281
Nebraska	325	345	258	260	229	229	0	0	812	833
North Dakota	176	188	179	172	181	137	0	0	536	497
South Dakota	179	187	140	139	61	59	0	0	380	385
South Atlantic	13,677	13,686	9,257	9,360	2,958	3,018	37	39	25,928	26,104
Delaware	234	223	141	155	71	67	0	0	446	445
District of Columbia	107	97	328	349	8	7	9	10	452	463
Florida	4,174	4,079	2,816	2,803	446	433	3	3	7,439	7,317
Georgia	1,974	2,091	1,406	1,513	576	649	3	3	3,958	4,257
Maryland	1,375	1,400	1,093	1,132	112	120	15	17	2,595	2,669
North Carolina	2,242	2,272	1,281	1,309	532	534	0	0	4,055	4,115
South Carolina	1,226	1,252	665	681	551	584	0	0	2,443	2,518
Virginia	1,899	1,814	1,312	1,206	400	379	6	5	3,617	3,404
West Virginia	446	458	215	212	262	246	0	0	923	916
East South Central	4,448	4,593	2,851	2,900	1,926	2,036	0	0	9,226	9,528
Alabama	1,229	1,251	761	760	634	662	0	0	2,624	2,673
Kentucky	966	1,006	557	572	526	569	0	0	2,048	2,147
Mississippi	696	713	457	454	342	356	0	0	1,496	1,523
Tennessee	1,557	1,623	1,076	1,113	425	449	0	0	3,058	3,185
West South Central	7,222	7,207	4,759	4,792	2,896	3,108	3	3	14,880	15,110
Arkansas	590	594	290	283	282	301	0	NM	1,162	1,179
Louisiana	872	924	660	687	552	586	0	0	2,085	2,198
Oklahoma	682	712	429	455	277	286	0	0	1,388	1,453
Texas	5,077	4,977	3,381	3,366	1,785	1,934	3	3	10,246	10,280
Mountain	3,092	3,043	2,712	2,644	1,632	1,581	4	5	7,440	7,274
Arizona	920	883	835	819	267	260	0	0	2,023	1,962
Colorado	674	687	610	614	339	332	2	2	1,625	1,635
Idaho	269	278	155	150	136	124	0	0	560	552
Montana	193	196	170	157	70	73	0	0	433	426
Nevada	393	375	263	244	260	248	0	0	916	867
New Mexico	258	242	275	264	145	143	0	0	678	649
Utah	276	273	282	277	183	183	2	2	744	734
Wyoming	109	111	121	118	232	219	0	0	462	448
Pacific Contiguous	5,990	5,891	6,483	6,281	2,063	1,997	25	23	14,561	14,192
California	4,182	3,880	5,230	4,999	1,456	1,380	24	22	10,893	10,281
Oregon	685	733	457	467	225	224	1	1	1,367	1,424
Washington	1,123	1,279	796	815	382	393	0	0	2,302	2,487
Pacific Noncontiguous	395	454	446	512	339	423	0	0	1,180	1,388
Alaska	148	145	168	163	65	70	0	0	380	378
Hawaii	247	309	278	349	274	353	0	0	800	1,011
U.S. Total	57,546	57,605	44,862	45,169	20,467	21,073	274	278	123,149	124,126

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, April 2015 and 2014 (Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	20.89	18.29	15.57	14.67	11.73	11.54	12.89	8.52	16.94	15.52
Connecticut	22.22	19.87	16.42	15.83	13.01	13.13	10.32	11.05	18.47	17.19
Maine	16.31	15.38	12.92	12.42	8.24	8.40	--	--	12.37	12.31
Massachusetts	21.65	18.19	15.50	14.52	13.17	12.37	14.01	NM	17.34	15.46
New Hampshire	19.72	17.54	15.42	14.25	12.83	12.18	--	--	16.74	15.23
Rhode Island	21.07	18.26	16.49	14.60	13.20	12.59	17.90	14.94	17.90	15.74
Vermont	17.25	18.07	14.60	14.70	9.69	9.84	--	--	14.30	14.73
Middle Atlantic	15.64	16.07	12.68	13.12	7.24	7.56	11.39	12.34	12.52	12.96
New Jersey	15.88	15.72	12.90	13.27	10.78	10.95	9.97	10.77	13.66	13.82
New York	17.77	19.56	14.37	14.89	6.27	6.12	12.45	13.59	14.39	15.31
Pennsylvania	13.53	13.12	9.53	9.88	7.11	7.53	8.17	8.52	10.10	10.25
East North Central	13.18	12.76	9.86	9.92	6.63	6.71	7.19	5.50	9.61	9.58
Illinois	13.38	11.77	8.89	8.68	5.86	6.12	6.94	5.08	9.13	8.72
Indiana	11.89	11.90	9.75	9.88	6.80	6.70	10.53	10.70	8.85	8.87
Michigan	14.07	14.62	10.39	11.04	6.87	7.40	11.10	13.60	10.34	10.93
Ohio	12.57	12.40	9.97	9.91	6.53	6.37	8.12	7.78	9.51	9.42
Wisconsin	14.51	13.77	10.90	10.83	7.58	7.53	--	--	10.72	10.57
West North Central	11.50	11.14	8.93	8.89	6.55	6.53	8.13	8.17	8.90	8.85
Iowa	11.94	11.71	8.62	8.76	5.52	5.79	--	--	7.95	8.23
Kansas	13.04	12.62	10.18	10.08	7.38	7.43	--	--	10.03	9.92
Minnesota	12.23	11.98	9.34	9.44	6.92	6.96	9.45	9.90	9.38	9.45
Missouri	10.78	10.55	8.18	8.21	5.49	5.39	6.81	6.58	8.47	8.42
Nebraska	10.63	10.15	8.66	8.50	7.38	7.35	--	--	8.76	8.60
North Dakota	10.24	9.18	9.17	8.28	8.35	7.49	--	--	9.12	8.30
South Dakota	10.93	10.26	8.79	8.61	7.12	6.93	--	--	9.16	8.88
South Atlantic	11.90	11.85	9.43	9.70	6.31	6.52	8.07	8.15	9.76	9.92
Delaware	13.75	13.33	9.21	11.32	7.60	8.39	--	--	10.37	11.48
District of Columbia	13.12	13.16	12.43	12.13	8.89	6.27	9.34	9.59	12.38	12.11
Florida	11.70	11.76	9.67	9.90	8.15	7.97	8.74	8.98	10.56	10.63
Georgia	11.25	11.49	9.40	10.10	5.37	6.00	4.82	5.37	8.95	9.47
Maryland	13.75	14.08	11.27	11.43	8.90	9.15	7.87	7.97	12.07	12.32
North Carolina	12.11	11.84	8.50	8.76	6.11	6.16	7.76	8.05	9.18	9.33
South Carolina	13.10	12.52	9.77	10.28	5.72	6.18	--	--	9.00	9.30
Virginia	11.41	11.08	8.20	8.02	6.83	6.73	8.42	8.10	9.01	8.94
West Virginia	10.13	9.56	8.78	8.45	6.12	6.04	8.36	9.59	7.96	7.76
East South Central	11.27	11.20	10.36	10.49	5.61	5.83	8.71	13.80	8.85	9.00
Alabama	12.30	11.79	10.94	10.54	5.73	5.76	--	--	9.06	8.85
Kentucky	10.56	10.72	9.56	9.75	5.13	5.29	--	--	7.82	8.07
Mississippi	12.12	11.87	10.94	11.00	6.32	6.48	--	--	9.54	9.50
Tennessee	10.61	10.81	10.17	10.66	5.60	6.15	8.71	13.80	9.13	9.59
West South Central	11.46	11.43	7.73	8.33	5.42	5.92	5.55	5.37	8.12	8.45
Arkansas	10.10	9.75	8.11	8.01	5.71	5.76	10.52	NM	7.83	7.69
Louisiana	9.22	10.12	8.61	9.76	5.27	6.52	8.34	9.34	7.44	8.50
Oklahoma	11.17	11.05	7.07	7.60	5.04	5.32	--	--	7.62	7.93
Texas	12.18	12.02	7.64	8.21	5.48	5.86	5.34	5.09	8.39	8.61
Mountain	11.83	11.58	9.62	9.49	6.33	6.34	9.80	10.44	9.17	9.08
Arizona	12.26	11.97	10.08	9.70	6.15	6.37	8.26	--	10.07	9.85
Colorado	11.99	12.20	9.93	10.19	7.07	7.26	9.90	11.11	9.69	9.95
Idaho	9.79	9.55	7.89	7.74	6.28	5.75	--	--	7.82	7.60
Montana	10.92	9.98	10.22	9.54	5.03	5.05	--	--	8.82	8.30
Nevada	13.49	13.57	9.44	9.85	6.06	6.24	8.93	8.70	9.06	9.18
New Mexico	12.38	11.87	10.09	9.74	6.19	6.64	--	--	9.26	9.20
Utah	10.58	10.21	8.46	8.27	5.94	5.67	10.01	9.98	8.14	7.82
Wyoming	10.89	10.24	9.26	8.87	6.85	6.57	--	--	8.00	7.72
Pacific Contiguous	11.21	9.77	12.29	11.92	7.81	7.75	7.71	8.51	10.91	10.27
California	12.46	10.12	13.73	13.23	10.38	10.59	7.67	8.49	12.69	11.77
Oregon	10.65	10.37	8.92	8.83	5.90	5.79	9.14	9.24	8.79	8.63
Washington	8.82	8.75	8.02	8.08	4.31	4.22	8.61	7.95	7.21	7.17
Pacific Noncontiguous	25.61	29.42	22.42	25.98	20.72	26.03	--	--	22.79	26.98
Alaska	19.62	19.03	17.44	16.82	14.73	15.12	--	--	17.56	17.15
Hawaii	30.54	38.08	26.82	34.20	22.93	30.17	--	--	26.26	33.63
U.S. Total	12.64	12.30	10.32	10.48	6.55	6.74	9.87	10.02	10.02	10.04

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 April 2015 and 2014 (Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD	April 2015 YTD	April 2014 YTD
New England	20.51	17.68	16.61	15.40	12.80	12.61	12.64	9.48	17.68	15.93
Connecticut	21.71	19.19	17.00	16.14	13.70	13.65	10.81	14.89	18.83	17.30
Maine	16.01	14.88	14.21	13.78	9.96	11.01	--	--	13.71	13.53
Massachusetts	21.54	17.41	16.79	15.33	13.82	13.09	13.12	NM	18.26	15.80
New Hampshire	19.47	17.11	16.02	15.14	13.43	12.84	--	--	17.13	15.63
Rhode Island	19.62	18.51	18.40	15.81	16.06	13.87	17.92	14.57	18.67	16.70
Vermont	16.70	17.32	14.32	14.54	10.14	10.34	--	--	14.31	14.68
Middle Atlantic	15.73	16.23	13.06	14.02	7.71	8.45	11.99	12.12	13.05	13.77
New Jersey	15.55	15.62	12.72	13.68	11.26	13.04	10.63	10.24	13.64	14.33
New York	19.05	20.43	15.20	16.44	6.90	7.13	13.11	13.50	15.55	16.73
Pennsylvania	13.11	13.06	9.73	10.21	7.48	8.21	8.11	7.99	10.42	10.76
East North Central	12.39	11.78	9.78	9.74	6.81	6.94	6.97	6.06	9.70	9.54
Illinois	12.06	10.52	8.85	8.64	6.48	6.50	6.74	5.73	9.17	8.62
Indiana	10.88	10.75	9.67	9.71	6.75	6.81	10.05	10.01	8.84	8.85
Michigan	13.79	14.12	10.30	10.80	6.94	7.70	11.43	13.53	10.50	11.03
Ohio	12.16	11.39	9.89	9.66	6.72	6.68	7.80	7.38	9.75	9.40
Wisconsin	13.98	13.40	10.78	10.63	7.58	7.51	--	--	10.73	10.56
West North Central	10.47	10.24	8.66	8.67	6.51	6.52	8.04	7.62	8.69	8.68
Iowa	10.81	10.63	8.38	8.37	5.48	5.64	--	--	7.88	8.03
Kansas	11.91	11.47	9.84	9.67	7.38	7.26	--	--	9.84	9.63
Minnesota	11.68	11.64	9.07	9.44	6.76	7.07	9.34	9.78	9.24	9.54
Missouri	9.59	9.40	7.95	7.92	5.51	5.56	6.57	5.83	8.22	8.16
Nebraska	9.71	9.36	8.52	8.36	7.39	7.24	--	--	8.57	8.37
North Dakota	8.88	8.42	8.40	8.17	8.28	7.44	--	--	8.51	8.04
South Dakota	10.29	9.75	8.75	8.50	7.16	7.00	--	--	9.07	8.76
South Atlantic	11.49	11.41	9.61	9.80	6.49	6.73	8.47	8.71	9.92	10.01
Delaware	13.41	12.54	10.65	11.35	8.60	9.49	--	--	11.45	11.56
District of Columbia	13.28	12.76	12.57	12.78	8.58	9.26	9.79	9.73	12.56	12.61
Florida	11.83	11.85	9.89	10.00	8.32	8.02	9.11	9.36	10.76	10.78
Georgia	10.70	11.05	9.66	10.44	5.62	6.43	5.05	5.88	9.14	9.77
Maryland	13.36	13.50	11.31	11.77	9.39	10.29	8.78	9.12	12.17	12.51
North Carolina	11.01	10.91	8.59	8.81	6.24	6.37	7.80	8.03	9.26	9.34
South Carolina	12.17	11.98	10.04	10.22	5.89	6.26	--	--	9.37	9.52
Virginia	10.99	10.39	8.43	7.98	7.17	6.76	8.47	8.03	9.39	8.90
West Virginia	9.37	9.18	8.30	8.10	5.97	6.00	8.83	9.52	7.86	7.82
East South Central	10.50	10.45	10.25	10.32	5.74	6.08	8.25	13.71	8.89	9.03
Alabama	11.47	11.25	10.91	10.77	5.72	5.93	--	--	9.12	9.11
Kentucky	9.76	9.80	9.26	9.32	5.25	5.76	--	--	7.90	8.17
Mississippi	11.26	10.93	10.98	10.82	6.50	6.51	--	--	9.58	9.41
Tennessee	10.00	10.13	10.10	10.39	5.87	6.43	8.25	13.71	9.14	9.45
West South Central	10.82	10.59	7.96	8.18	5.59	5.88	5.54	5.38	8.34	8.42
Arkansas	9.13	8.77	7.87	7.67	5.69	5.63	11.06	NM	7.69	7.45
Louisiana	8.89	9.02	8.73	9.13	5.42	5.81	8.17	9.49	7.56	7.89
Oklahoma	9.48	9.38	7.15	7.63	5.07	5.37	--	--	7.44	7.70
Texas	11.73	11.46	7.95	8.13	5.72	6.03	5.34	5.10	8.75	8.79
Mountain	11.42	11.07	9.44	9.22	6.22	6.20	9.93	10.24	9.06	8.90
Arizona	11.58	11.33	9.74	9.44	5.97	6.26	7.88	--	9.64	9.51
Colorado	11.68	11.72	9.62	9.74	6.92	7.02	10.15	10.73	9.54	9.67
Idaho	9.61	9.23	7.76	7.53	5.99	5.58	--	--	7.92	7.64
Montana	10.65	9.89	10.36	9.39	5.08	5.52	--	--	8.97	8.57
Nevada	13.25	12.81	9.74	9.59	6.01	5.94	8.77	8.48	9.16	8.99
New Mexico	12.29	11.49	10.20	9.73	6.20	6.19	--	--	9.51	9.10
Utah	10.46	10.10	8.25	8.11	5.80	5.63	10.06	9.94	8.05	7.83
Wyoming	10.52	9.96	8.96	8.66	6.80	6.55	--	--	7.97	7.70
Pacific Contiguous	13.13	12.25	12.30	11.78	7.82	7.72	8.47	8.38	11.65	11.12
California	16.14	14.82	13.89	13.20	10.58	10.50	8.45	8.35	14.03	13.27
Oregon	10.45	10.20	8.87	8.83	5.88	6.01	9.18	9.08	8.80	8.79
Washington	8.54	8.67	8.02	8.02	4.35	4.36	8.79	8.77	7.22	7.33
Pacific Noncontiguous	25.60	28.42	22.95	25.96	21.55	26.29	--	--	23.32	26.82
Alaska	19.47	18.61	17.40	16.81	14.60	15.16	--	--	17.55	17.10
Hawaii	31.53	37.77	28.42	34.80	24.26	30.73	--	--	27.64	34.04
U.S. Total	12.32	11.99	10.45	10.54	6.71	6.93	10.42	10.20	10.23	10.21

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, March 2015 to April 2015

	As of End of March 2015	Activity During April 2015 as Reported to EIA		As of End of April 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)	65,412.7	839.1	0.0	66,251.8	839.1	1,401.7	5,713.6	931.9	8,040.0	0.0	25.3	931.9	8,014.7	67,183.7	74,266.5
..... *Solar Photovoltaic*	*9,016.1*	*85.5*	*6.9*	*9,094.7*	*78.6*	*726.0*	*2,960.8*	*306.2*	*3,253.6*	*0.0*	*0.0*	*306.2*	*3,253.6*	*9,400.9*	*12,348.3*
..... *Solar Thermal without Energy Storage*	*1,362.5*	*0.0*	*0.0*	*1,362.5*	*0.0*	*0.0*	*246.5*	*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	10,674.0	85.5	6.9	10,752.6	78.6	726.0	3,207.3	306.2	3,369.6	0.0	0.0	306.2	3,369.6	11,058.8	14,122.2
..... Conventional Hydroelectric	79,355.6	5.6	22.6	79,338.6	-17.0	106.0	140.4	3.0	456.9	0.0	110.4	3.0	346.5	79,341.6	79,685.1
..... *Wood/Wood Waste Biomass*	*8,316.9*	*65.0*	*22.6*	*8,359.3*	*42.4*	*29.0*	*-20.5*	*25.0*	*101.3*	*0.0*	*23.0*	*25.0*	*78.3*	*8,384.3*	*8,437.6*
..... *Landfill Gas*	*2,125.3*	*10.7*	*7.8*	*2,128.2*	*2.9*	*59.1*	*109.6*	*0.0*	*43.9*	*0.0*	*9.2*	*0.0*	*34.7*	*2,128.2*	*2,162.9*
..... *Municipal Solid Waste*	*2,232.2*	*0.0*	*2.1*	*2,230.1*	*-2.1*	*-0.6*	*2.4*	*85.0*	*85.0*	*0.0*	*0.0*	*85.0*	*85.0*	*2,315.1*	*2,315.1*
..... *Other Waste Biomass*	*827.3*	*0.0*	*4.3*	*823.0*	*-4.3*	*6.0*	*12.6*	*8.3*	*37.4*	*0.0*	*0.6*	*8.3*	*36.8*	*831.3*	*859.8*
..... Biomass Sources Subtotal	13,501.7	75.7	36.8	13,540.6	38.9	93.5	104.1	118.3	267.6	0.0	32.8	118.3	234.8	13,658.9	13,775.4
..... Geothermal	2,567.8	12.9	25.6	2,555.1	-12.7	-51.9	-51.9	0.0	1.8	0.0	0.0	0.0	1.8	2,555.1	2,556.9
... Renewable Sources Subtotal	***171,511.8***	***1,018.8***	***91.9***	***172,438.7***	***926.9***	***2,275.3***	***9,113.5***	***1,359.4***	***12,135.9***	***0.0***	***168.5***	***1,359.4***	***11,967.4***	***173,798.1***	***184,406.1***
..... *Natural Gas Fired Combined Cycle*	*229,022.1*	*268.3*	*222.4*	*229,068.0*	*45.9*	*-483.0*	*5,942.0*	*981.4*	*5,501.2*	*0.0*	*0.0*	*981.4*	*5,501.2*	*230,049.4*	*234,569.2*
..... *Natural Gas Fired Combustion Turbine*	*125,215.5*	*204.9*	*175.7*	*125,244.7*	*29.2*	*594.2*	*588.2*	*13.2*	*1,327.1*	*184.0*	*1,104.0*	*-170.8*	*223.1*	*125,073.9*	*125,467.8*
..... *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*	*77,530.0*	*477.6*	*120.8*	*77,886.8*	*356.8*	*72.2*	*381.8*	*259.2*	*615.5*	*57.9*	*699.3*	*201.3*	*-83.8*	*78,088.1*	*77,803.0*
..... Natural Gas Subtotal	431,877.6	950.8	518.9	432,309.5	431.9	183.4	6,912.0	1,253.8	7,443.8	241.9	1,803.3	1,011.9	5,640.5	433,321.4	437,950.0
..... *Conventional Steam Coal*	*298,041.5*	*97.0*	*4,531.9*	*293,606.6*	*-4,434.9*	*-5,587.1*	*-8,753.9*	*58.0*	*59.2*	*552.6*	*12,446.0*	*-494.6*	*-12,386.8*	*293,112.0*	*281,219.8*
..... *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	298,832.5	97.0	4,531.9	294,397.6	-4,434.9	-5,587.1	-8,753.9	58.0	59.2	552.6	12,446.0	-494.6	-12,386.8	293,903.0	282,010.8
..... Petroleum Coke	2,291.1	0.0	46.0	2,245.1	-46.0	-74.6	-91.6	0.0	0.0	0.0	0.0	0.0	0.0	2,245.1	2,245.1
..... Petroleum Liquids	40,443.6	28.1	347.1	40,124.6	-319.0	-353.1	-940.0	0.4	25.3	202.5	708.6	-202.1	-683.3	39,922.5	39,441.3
..... Other Gases	1,937.8	2.1	11.2	1,928.7	-9.1	-139.1	-179.1	0.0	0.0	0.0	3.2	0.0	-3.2	1,928.7	1,925.5
... Fossil Fuels Subtotal	***775,382.6***	***1,078.0***	***5,455.1***	***771,005.5***	***-4,377.1***	***-5,970.5***	***-3,052.6***	***1,312.2***	***7,528.3***	***997.0***	***14,961.1***	***315.2***	***-7,432.8***	***771,320.7***	***763,572.7***
..... Hydroelectric Pumped Storage	22,546.3	0.0	0.0	22,546.3	0.0	135.0	157.0	0.0	22.0	0.0	0.0	0.0	22.0	22,546.3	22,568.3
..... 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	150.6	2.0	0.0	152.6	2.0	3.0	3.0	0.0	10.5	0.0	0.0	0.0	10.5	152.6	163.1
... Energy Storage Subtotal	***22,739.9***	***2.0***	***0.0***	***22,741.9***	***2.0***	***138.0***	***160.0***	***0.0***	***236.5***	***0.0***	***0.0***	***0.0***	***236.5***	***22,741.9***	***22,978.4***
... Nuclear	***98,682.8***	***0.0***	***45.3***	***98,637.5***	***-45.3***	***16.6***	***-587.7***	***0.0***	***1,122.0***	***0.0***	***0.0***	***0.0***	***1,122.0***	***98,637.5***	***99,759.5***
... All Other	***2,250.4***	***46.0***	***0.5***	***2,295.9***	***45.5***	***187.8***	***177.5***	***0.0***	***16.0***	***0.0***	***0.0***	***0.0***	***16.0***	***2,295.9***	***2,311.9***
TOTAL	**1,070,567.5**	**2,144.8**	**5,592.8**	**1,067,119.5**	**-3,448.0**	**-3,352.8**	**5,810.7**	**2,671.6**	**20,834.7**	**997.0**	**15,129.6**	**1,674.6**	**5,705.1**	**1,068,794.1**	**1,072,824.6**

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, April 2015 and 2014 (Megawatts)

Census Division and State	Renewable Sources		Fossil Fuels		Hydroelectric Pumped Storage		Other Energy Storage		Nuclear		All Other Sources		All Sources	
	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	4,621.0	4,425.8	22,881.1	23,564.2	1,775.4	1,753.4	3.0	3.0	4,046.0	4,630.3	52.9	52.9	33,379.4	34,429.6
Connecticut	336.6	331.6	6,311.6	6,274.1	29.4	29.4	0.0	0.0	2,122.5	2,102.5	30.9	30.9	8,831.0	8,768.5
Maine	1,815.9	1,809.6	2,655.3	2,667.3	0.0	0.0	0.0	0.0	0.0	0.0	22.0	22.0	4,493.2	4,498.9
Massachusetts	937.7	772.6	9,788.2	10,526.8	1,746.0	1,724.0	3.0	3.0	677.3	677.3	0.0	0.0	13,152.2	13,703.7
New Hampshire	930.5	930.5	2,266.7	2,236.7	0.0	0.0	0.0	0.0	1,246.2	1,246.2	0.0	0.0	4,443.4	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	550.0	532.0	99.5	99.5	0.0	0.0	0.0	0.0	0.0	604.3	0.0	0.0	649.5	1,235.8
Middle Atlantic	10,241.8	10,087.1	69,292.2	69,239.5	3,403.0	3,341.0	40.0	40.0	19,241.5	19,234.3	11.2	11.2	102,229.7	101,953.1
New Jersey	659.6	584.0	14,208.1	13,882.4	420.0	420.0	0.0	0.0	4,114.7	4,107.5	11.2	11.2	19,413.6	19,005.1
New York	6,722.7	6,649.2	26,457.0	26,428.0	1,400.0	1,400.0	20.0	20.0	5,421.0	5,421.0	0.0	0.0	40,020.7	39,918.2
Pennsylvania	2,859.5	2,853.9	28,627.1	28,929.1	1,583.0	1,521.0	20.0	20.0	9,705.8	9,705.8	0.0	0.0	42,795.4	43,029.8
East North Central	9,853.7	9,233.6	119,794.6	121,870.5	1,945.0	1,872.0	24.0	24.0	18,833.8	18,838.1	110.0	109.1	150,561.1	151,947.3
Illinois	3,815.9	3,718.2	29,453.5	29,654.6	0.0	0.0	0.0	0.0	11,577.5	11,577.5	0.0	0.0	44,846.9	44,950.3
Indiana	1,966.2	1,722.4	25,428.6	25,396.6	0.0	0.0	0.0	0.0	0.0	0.0	88.0	88.0	27,482.8	27,207.0
Michigan	2,244.6	1,985.1	22,305.5	22,318.6	1,945.0	1,872.0	0.0	0.0	3,929.1	3,929.1	0.9	0.0	30,425.1	30,104.8
Ohio	711.7	703.6	27,756.0	29,472.1	0.0	0.0	24.0	24.0	2,134.0	2,134.0	0.0	0.0	30,625.7	32,333.7
Wisconsin	1,115.3	1,104.3	14,851.0	15,028.6	0.0	0.0	0.0	0.0	1,193.2	1,197.5	21.1	21.1	17,180.6	17,351.5
West North Central	19,304.2	18,255.0	62,095.1	62,124.2	657.0	657.0	2.0	1.0	5,886.0	5,888.0	44.5	24.5	87,988.8	86,949.7
Iowa	5,742.6	5,212.3	10,041.9	10,116.3	0.0	0.0	0.0	0.0	601.4	601.4	20.0	0.0	16,405.9	15,930.0
Kansas	2,991.9	2,990.9	10,139.0	10,077.3	0.0	0.0	0.0	0.0	1,175.0	1,175.0	0.8	0.8	14,306.7	14,244.0
Minnesota	3,521.5	3,517.5	10,344.1	10,625.3	0.0	0.0	1.0	1.0	1,673.0	1,673.0	18.4	18.4	15,558.0	15,835.2
Missouri	1,050.8	1,042.9	18,909.8	18,860.3	657.0	657.0	1.0	0.0	1,194.0	1,194.0	0.0	0.0	21,812.6	21,754.2
Nebraska	1,105.4	823.9	6,384.4	6,384.9	0.0	0.0	0.0	0.0	1,242.6	1,244.6	0.0	0.0	8,732.4	8,453.4
North Dakota	2,484.0	2,279.0	4,585.6	4,361.4	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.3	7,074.9	6,645.7
South Dakota	2,408.0	2,388.5	1,690.3	1,698.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,098.3	4,087.2
South Atlantic	12,878.8	12,392.6	159,972.4	162,039.5	7,905.2	7,905.2	32.0	32.0	24,562.6	24,562.6	970.7	930.0	206,321.7	207,861.9
Delaware	42.5	38.3	3,042.4	3,042.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,084.9	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	1,316.9	1,302.4	53,714.1	54,337.5	0.0	0.0	0.0	0.0	3,572.0	3,572.0	776.7	780.0	59,379.7	59,991.9
Georgia	2,885.7	2,813.6	27,470.8	29,473.5	1,862.2	1,862.2	0.0	0.0	4,061.0	4,061.0	44.0	0.0	36,323.7	38,210.3
Maryland	954.6	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	12,279.8	12,368.5
North Carolina	3,273.4	2,925.0	21,939.5	21,939.5	86.0	86.0	0.0	0.0	5,076.1	5,076.1	54.0	54.0	30,429.0	30,080.6
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	1,750.2	1,747.5	17,042.2	16,162.0	3,241.0	3,241.0	0.0	0.0	3,581.3	3,581.3	96.0	96.0	25,710.7	24,827.8
West Virginia	886.0	886.0	15,355.9	15,358.5	0.0	0.0	32.0	32.0	0.0	0.0	0.0	0.0	16,273.9	16,276.5
East South Central	7,961.7	8,016.2	70,014.1	70,613.2	1,616.3	1,616.3	0.0	0.0	9,852.6	9,857.5	151.4	151.4	89,596.1	90,254.6
Alabama	3,892.3	3,978.6	22,710.1	23,361.1	0.0	0.0	0.0	0.0	5,043.4	5,043.4	0.0	0.0	31,645.8	32,383.1
Kentucky	905.6	901.4	19,812.2	20,102.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20,717.8	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	13,100.9	13,450.6	1,616.3	1,616.3	0.0	0.0	3,400.7	3,400.7	0.0	0.0	21,007.0	21,325.6
West South Central	23,532.1	19,920.3	147,147.6	144,309.4	288.0	288.0	36.0	36.0	8,905.0	8,904.4	513.4	425.9	180,422.1	173,884.0
Arkansas	1,632.0	1,632.6	11,270.5	11,306.3	28.0	28.0	0.0	0.0	1,819.6	1,819.0	0.0	0.0	14,750.1	14,785.9
Louisiana	642.9	642.9	23,791.8	23,257.3	0.0	0.0	0.0	0.0	2,125.4	2,125.4	275.8	202.3	26,835.9	26,227.9
Oklahoma	4,726.9	4,076.3	19,160.2	18,963.9	260.0	260.0	0.0	0.0	0.0	0.0	0.0	0.0	24,147.1	23,300.2
Texas	16,530.3	13,568.5	92,925.1	90,781.9	0.0	0.0	36.0	36.0	4,960.0	4,960.0	237.6	223.6	114,689.0	109,570.0
Mountain	20,886.9	19,997.8	63,820.7	63,898.2	778.8	778.8	2.6	2.6	3,937.0	3,937.0	111.4	111.4	89,537.4	88,725.8
Arizona	4,387.3	4,273.5	19,553.7	19,599.1	216.3	216.3	0.0	0.0	3,937.0	3,937.0	0.0	0.0	28,094.3	28,025.9
Colorado	3,402.0	3,130.0	11,002.2	11,074.7	562.5	562.5	0.0	0.0	0.0	0.0	9.3	9.3	14,976.0	14,776.5
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	3,397.8	3,373.5	2,758.7	2,911.7	0.0	0.0	0.0	0.0	0.0	0.0	44.0	44.0	6,200.5	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	1,172.2	1,080.2	6,914.8	6,881.1	0.0	0.0	2.6	2.6	0.0	0.0	0.0	0.0	8,089.6	7,963.9
Utah	669.0	666.0	7,454.4	7,000.3	0.0	0.0	0.0	0.0	0.0	0.0	31.8	31.8	8,155.2	7,698.1
Wyoming	1,715.6	1,715.6	6,748.9	6,609.3	0.0	0.0	0.0	0.0	0.0	0.0	11.5	11.5	8,476.0	8,336.4
Pacific Contiguous	62,098.1	59,970.8	51,803.0	52,408.6	4,177.6	4,177.6	8.0	6.0	3,373.0	3,373.0	303.8	275.4	121,763.5	120,211.4
California	25,405.4	23,583.1	43,150.5	43,980.3	3,863.6	3,863.6	8.0	6.0	2,240.0	2,240.0	247.0	218.6	74,914.5	73,891.6
Oregon	12,041.1	12,028.1	3,859.6	3,635.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15,900.7	15,663.5
Washington	24,651.6	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	30,948.3	30,656.3
Pacific Noncontiguous	1,060.4	1,026.0	4,184.7	3,990.8	0.0	0.0	48.0	48.0	0.0	0.0	26.6	26.6	5,319.7	5,091.4
Alaska	507.5	482.6	2,112.7	1,919.8	0.0	0.0	27.0	27.0	0.0	0.0	0.0	0.0	2,647.2	2,429.4
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	172,438.7	163,325.2	771,005.5	774,058.1	22,546.3	22,389.3	195.6	192.6	98,637.5	99,225.2	2,295.9	2,118.4	1,067,119.5	1,061,308.8

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, April 2015 and 2014 (Megawatts)

Census Division and State	Wind		Solar Photovoltaic		Solar Thermal		Conventional Hydroelectric		Biomass Sources		Geothermal		Total Renewable Sources	
	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	821.2	800.9	342.9	177.5	0.0	0.0	1,958.9	1,952.6	1,498.0	1,494.8	0.0	0.0	4,621.0	4,425.8
Connecticut	0.0	0.0	10.0	5.0	0.0	0.0	122.2	122.2	204.4	204.4	0.0	0.0	336.6	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	295.8	153.4	0.0	0.0	263.0	263.0	283.3	280.1	0.0	0.0	937.7	772.6
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	30.2	12.2	0.0	0.0	323.6	323.6	76.0	76.0	0.0	0.0	550.0	532.0
Middle Atlantic	3,098.5	3,082.2	513.6	433.4	0.0	0.0	5,284.4	5,226.8	1,345.3	1,344.7	0.0	0.0	10,241.8	10,087.1
New Jersey	7.6	7.5	418.9	346.4	0.0	0.0	3.3	3.3	229.8	226.8	0.0	0.0	659.6	584.0
New York	1,747.0	1,730.8	52.6	46.2	0.0	0.0	4,387.8	4,332.3	535.3	539.9	0.0	0.0	6,722.7	6,649.2
Pennsylvania	1,343.9	1,343.9	42.1	40.8	0.0	0.0	893.3	891.2	580.2	578.0	0.0	0.0	2,859.5	2,853.9
East North Central	7,580.0	7,033.4	161.6	123.8	0.0	0.0	920.3	920.3	1,191.8	1,156.1	0.0	0.0	9,853.7	9,233.6
Illinois	3,624.8	3,525.1	31.9	31.6	0.0	0.0	34.1	34.1	125.1	127.4	0.0	0.0	3,815.9	3,718.2
Indiana	1,739.7	1,539.7	91.1	60.1	0.0	0.0	60.4	60.4	75.0	62.2	0.0	0.0	1,966.2	1,722.4
Michigan	1,459.7	1,215.9	0.0	0.0	0.0	0.0	331.4	331.4	453.5	437.8	0.0	0.0	2,244.6	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	331.7	328.6	1.0	0.0	0.0	0.0	392.5	392.5	390.1	383.2	0.0	0.0	1,115.3	1,104.3
West North Central	15,485.8	14,448.2	10.4	4.5	0.0	0.0	3,291.2	3,292.2	516.8	510.1	0.0	0.0	19,304.2	18,255.0
Iowa	5,577.3	5,047.0	0.0	0.0	0.0	0.0	144.9	144.9	20.4	20.4	0.0	0.0	5,742.6	5,212.3
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	2,895.0	2,893.7	1.7	1.7	0.0	0.0	185.4	184.2	439.4	437.9	0.0	0.0	3,521.5	3,517.5
Missouri	458.5	458.5	7.7	2.8	0.0	0.0	568.1	570.3	16.5	11.3	0.0	0.0	1,050.8	1,042.9
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	919.1	578.7	0.0	0.0	7,195.2	7,193.2	4,019.2	3,915.4	0.0	0.0	12,878.8	12,392.6
Delaware	2.0	2.0	28.3	28.3	0.0	0.0	0.0	0.0	12.2	8.0	0.0	0.0	42.5	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	72.9	66.4	0.0	0.0	54.5	54.5	1,189.5	1,181.5	0.0	0.0	1,316.9	1,302.4
Georgia	0.0	0.0	68.6	61.1	0.0	0.0	2,044.9	2,044.9	772.2	707.6	0.0	0.0	2,885.7	2,813.6
Maryland	160.0	120.0	59.5	55.2	0.0	0.0	590.0	590.0	145.1	145.1	0.0	0.0	954.6	910.3
North Carolina	0.0	0.0	687.3	365.2	0.0	0.0	1,999.0	1,997.0	587.1	562.8	0.0	0.0	3,273.4	2,925.0
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	884.2	881.5	0.0	0.0	1,750.2	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	6,726.1	6,719.4	1,161.3	1,254.1	0.0	0.0	7,961.7	8,016.2
Alabama	0.0	0.0	0.0	0.0	0.0	0.0	3,272.2	3,272.2	620.1	706.4	0.0	0.0	3,892.3	3,978.6
Kentucky	0.0	0.0	0.0	0.0	0.0	0.0	835.3	831.1	70.3	70.3	0.0	0.0	905.6	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	18,961.4	15,454.8	185.7	130.3	0.0	0.0	3,057.6	3,054.2	1,327.4	1,281.0	0.0	0.0	23,532.1	19,920.3
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	871.2	867.2	76.2	76.2	0.0	0.0	4,726.9	4,076.3
Texas	15,181.9	12,321.9	185.7	130.3	0.0	0.0	670.8	670.8	491.9	445.5	0.0	0.0	16,530.3	13,568.5
Mountain	7,098.0	6,795.5	2,155.5	1,608.5	363.9	363.9	10,562.9	10,558.2	178.2	184.8	528.4	486.9	20,886.9	19,997.8
Arizona	237.3	237.3	1,099.5	982.9	295.4	295.4	2,720.4	2,719.4	34.7	38.5	0.0	0.0	4,387.3	4,273.5
Colorado	2,566.1	2,302.9	129.0	120.2	0.0	0.0	679.5	679.5	27.4	27.4	0.0	0.0	3,402.0	3,130.0
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	636.7	612.4	0.0	0.0	0.0	0.0	2,758.1	2,758.1	3.0	3.0	0.0	0.0	3,397.8	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	2.2	6.4	1.6	1.6	1,172.2	1,080.2
Utah	324.4	324.4	4.2	1.3	0.0	0.0	255.4	255.3	12.0	12.0	73.0	73.0	669.0	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	12,166.9	11,923.2	4,728.5	3,043.4	1,294.0	1,047.5	39,876.5	39,840.7	2,048.5	2,038.9	1,983.7	2,077.1	62,098.1	59,970.8
California	5,932.9	5,956.0	4,714.1	3,030.2	1,294.0	1,047.5	10,171.1	10,175.4	1,327.3	1,314.6	1,966.0	2,059.4	25,405.4	23,583.1
Oregon	3,160.9	3,160.9	13.9	12.7	0.0	0.0	8,517.4	8,515.7	331.2	321.1	17.7	17.7	12,041.1	12,028.1
Washington	3,073.1	2,806.3	0.5	0.5	0.0	0.0	21,188.0	21,149.6	390.0	403.2	0.0	0.0	24,651.6	24,359.6
Pacific Noncontiguous	265.6	265.6	32.2	20.2	0.0	0.0	465.5	440.6	254.1	256.6	43.0	43.0	1,060.4	1,026.0
Alaska	60.0	60.0	0.0	0.0	0.0	0.0	440.5	415.6	7.0	7.0	0.0	0.0	507.5	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	66,251.8	60,538.2	9,094.7	6,133.9	1,657.9	1,411.4	79,338.6	79,198.2	13,540.6	13,436.5	2,555.1	2,607.0	172,438.7	163,325.2

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, April 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	
	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014	April 2015	April 2014
New England	11,769.3	11,720.9	1,110.1	1,111.3	962.7	884.9	2,076.8	2,382.7	0.0	0.0	6,962.2	7,464.4	0.0	0.0	22,881.1	23,564.2
Connecticut	2,504.6	2,504.6	482.2	482.2	63.5	75.9	383.4	383.4	0.0	0.0	2,877.9	2,828.0	0.0	0.0	6,311.6	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	904.1	916.1	0.0	0.0	2,655.3	2,667.3
Massachusetts	5,051.5	5,033.1	326.9	328.1	769.8	679.6	1,074.5	1,380.4	0.0	0.0	2,565.5	3,105.6	0.0	0.0	9,788.2	10,526.8
New Hampshire	1,231.0	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	2,266.7	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	23,306.6	22,426.7	8,770.6	8,760.8	9,933.7	10,148.3	18,587.5	19,095.8	11.6	11.6	8,581.8	8,695.9	100.4	100.4	69,292.2	69,239.5
New Jersey	6,617.5	5,852.0	4,081.5	4,062.8	508.9	670.4	1,875.8	1,988.8	11.6	11.6	1,112.8	1,296.8	0.0	0.0	14,208.1	13,882.4
New York	8,233.9	8,236.0	3,010.1	3,017.0	7,626.2	7,679.3	2,498.5	2,507.3	0.0	0.0	5,088.3	4,988.4	0.0	0.0	26,457.0	26,428.0
Pennsylvania	8,455.2	8,338.7	1,679.0	1,681.0	1,798.6	1,798.6	14,213.2	14,599.7	0.0	0.0	2,380.7	2,410.7	100.4	100.4	28,627.1	28,929.1
East North Central	16,369.4	16,267.1	25,641.4	25,677.7	3,590.4	3,514.7	69,957.7	71,988.7	570.1	570.1	2,724.3	2,910.9	941.3	941.3	119,794.6	121,870.5
Illinois	2,976.0	2,957.7	10,194.3	10,169.6	228.4	228.0	15,254.9	15,498.4	0.0	0.0	682.2	683.2	117.7	117.7	29,453.5	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	273.3	268.4	606.5	606.5	25,428.6	25,396.6
Michigan	4,284.7	4,210.1	3,532.5	3,590.4	3,069.3	3,007.1	10,857.0	10,946.5	47.2	47.2	514.8	517.3	0.0	0.0	22,305.5	22,318.6
Ohio	3,974.6	3,965.2	5,427.7	5,426.7	131.4	131.4	17,206.3	18,744.8	142.0	142.0	656.9	844.9	217.1	217.1	27,756.0	29,472.1
Wisconsin	2,662.9	2,662.9	3,367.3	3,371.4	139.5	139.5	7,977.3	8,150.8	106.9	106.9	597.1	597.1	0.0	0.0	14,851.0	15,028.6
West North Central	5,731.8	5,730.6	11,515.7	11,364.4	3,339.9	3,195.2	37,385.0	37,679.2	32.0	32.0	4,082.3	4,114.4	8.4	8.4	62,095.1	62,124.2
Iowa	1,111.0	1,112.8	1,104.4	1,105.6	306.7	291.1	6,482.6	6,562.3	32.0	32.0	1,005.2	1,012.5	0.0	0.0	10,041.9	10,116.3
Kansas	0.0	0.0	2,334.8	2,350.7	2,115.0	1,996.2	5,150.1	5,188.1	0.0	0.0	539.1	542.3	0.0	0.0	10,139.0	10,077.3
Minnesota	2,158.2	2,158.2	2,533.7	2,580.4	271.4	257.2	4,582.8	4,822.3	0.0	0.0	798.0	807.2	0.0	0.0	10,344.1	10,625.3
Missouri	1,830.0	1,830.0	3,367.3	3,320.9	230.8	230.8	12,342.0	12,332.6	0.0	0.0	1,139.7	1,146.0	0.0	0.0	18,909.8	18,860.3
Nebraska	342.6	339.6	1,152.9	1,152.2	407.3	407.3	4,167.9	4,170.5	0.0	0.0	313.7	315.3	0.0	0.0	6,384.4	6,384.9
North Dakota	0.0	0.0	328.0	160.0	0.0	0.0	4,184.6	4,128.4	0.0	0.0	64.6	64.6	8.4	8.4	4,585.6	4,361.4
South Dakota	290.0	290.0	694.6	694.6	8.7	12.6	475.0	475.0	0.0	0.0	222.0	226.5	0.0	0.0	1,690.3	1,698.7
South Atlantic	47,230.7	46,216.5	31,870.0	31,817.8	5,124.4	4,434.8	60,916.9	64,491.1	669.8	669.8	14,025.6	14,144.5	135.0	265.0	159,972.4	162,039.5
Delaware	1,196.0	1,196.0	311.0	181.0	876.0	876.0	410.0	410.0	0.0	0.0	114.4	114.4	135.0	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	25,381.9	25,879.9	8,405.0	8,405.4	2,614.3	2,647.3	10,025.0	10,117.0	586.0	586.0	6,701.9	6,701.9	0.0	0.0	53,714.1	54,337.5
Georgia	7,961.8	7,921.8	7,823.4	7,799.1	470.0	155.0	10,152.1	12,412.1	83.8	83.8	979.7	1,101.7	0.0	0.0	27,470.8	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	280.8	110.8	5,575.5	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	3,879.1	3,877.6	557.5	319.9	4,946.9	5,781.1	0.0	0.0	2,340.3	2,337.2	0.0	0.0	17,042.2	16,162.0
West Virginia	0.0	0.0	1,071.3	1,073.9	0.0	0.0	14,273.6	14,273.6	0.0	0.0	11.0	11.0	0.0	0.0	15,355.9	15,358.5
East South Central	18,338.7	17,642.3	12,887.5	12,829.5	2,741.9	2,725.5	35,795.5	37,111.0	0.0	0.0	150.7	205.1	99.8	99.8	70,014.1	70,613.2
Alabama	9,373.1	9,373.1	2,530.6	2,530.6	178.3	178.3	10,485.7	11,136.7	0.0	0.0	42.6	42.6	99.8	99.8	22,710.1	23,361.1
Kentucky	0.0	0.0	4,870.6	4,812.6	0.0	0.0	14,929.7	15,219.7	0.0	0.0	11.9	69.9	0.0	0.0	19,812.2	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	21.2	0.0	7,854.1	8,228.6	0.0	0.0	53.2	49.6	0.0	0.0	13,100.9	13,450.6
West South Central	58,842.9	55,733.7	12,614.4	12,299.6	36,284.2	36,756.5	37,980.1	37,956.7	909.6	984.2	185.6	198.8	330.8	379.9	147,147.6	144,309.4
Arkansas	4,597.3	4,630.5	725.8	727.6	810.7	813.7	5,124.5	5,122.3	0.0	0.0	12.2	12.2	0.0	0.0	11,270.5	11,306.3
Louisiana	7,677.3	7,053.4	2,641.2	2,640.4	9,054.5	9,068.5	3,445.3	3,437.8	899.0	973.6	49.3	49.3	25.2	34.3	23,791.8	23,257.3
Oklahoma	7,184.2	7,097.5	1,311.9	1,189.9	5,300.9	5,297.0	5,288.8	5,305.1	0.0	0.0	74.4	74.4	0.0	0.0	19,160.2	18,963.9
Texas	39,384.1	36,952.3	7,935.5	7,741.7	21,118.1	21,577.3	24,121.5	24,091.5	10.6	10.6	49.7	62.9	305.6	345.6	92,925.1	90,781.9
Mountain	21,811.6	21,173.5	8,914.0	8,876.0	3,213.4	3,396.2	29,364.0	29,978.0	52.0	52.0	370.8	327.6	94.9	94.9	63,820.7	63,898.2
Arizona	9,752.0	9,806.4	2,367.6	2,367.6	1,177.6	1,177.6	6,166.0	6,157.0	0.0	0.0	90.5	90.5	0.0	0.0	19,553.7	19,599.1
Colorado	2,663.7	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	168.7	0.0	0.0	11,002.2	11,074.7
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	2,289.1	2,442.1	52.0	52.0	0.0	0.0	1.5	1.5	2,758.7	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	1,487.9	1,456.4	1,039.6	1,041.6	849.4	888.7	3,471.0	3,471.0	0.0	0.0	66.9	23.4	0.0	0.0	6,914.8	6,881.1
Utah	1,830.0	1,201.0	520.2	520.2	322.4	325.3	4,754.0	4,926.0	0.0	0.0	27.8	27.8	0.0	0.0	7,454.4	7,000.3
Wyoming	100.0	0.0	156.6	116.6	5.6	6.0	6,387.5	6,387.5	0.0	0.0	5.8	5.8	93.4	93.4	6,748.9	6,609.3
Pacific Contiguous	25,061.8	25,609.5	11,391.8	11,399.2	12,627.4	12,545.1	2,043.6	2,177.8	0.0	17.0	466.7	448.3	211.7	211.7	51,803.0	52,408.6
California	19,376.3	19,924.0	10,616.8	10,624.2	12,375.6	12,517.5	118.6	252.8	0.0	17.0	451.5	433.1	211.7	211.7	43,150.5	43,980.3
Oregon	2,916.6	2,916.6	133.8	133.8	224.2	0.0	585.0	585.0	0.0	0.0	0.0	0.0	0.0	0.0	3,859.6	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	520.2	178.8	13.8	290.5	290.5	0.0	0.0	2,574.6	2,554.7	6.4	6.4	4,184.7	3,990.8
Alaska	605.2	605.2	529.2	520.2	178.8	13.8	110.5	110.5	0.0	0.0	689.0	670.1	0.0	0.0	2,112.7	1,919.8
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	229,068.0	223,126.0	125,244.7	124,656.5	77,996.8	77,615.0	294,397.6	303,151.5	2,245.1	2,336.7	40,124.6	41,064.6	1,928.7	2,107.8	771,005.5	774,058.1

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
2015	3	59307	Ashley Solar Farm, LLC	IPP	Ashley Solar Farm	NC	59566	PV1	4.0	Solar Photovoltaic	SUN	PV
2015	3	58748	Clean Energy LLC	Electric CHP	Reventure Park	NC	58865	RNG	1.6	Landfill Gas	LFG	IC
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
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
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
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
2015	3	58865	Hoopeston Wind LLC	IPP	Hoopeston Wind LLC	IL	59021	HOO1	98.0	Onshore Wind Turbine	WND	WT
2015	3	59284	Kona Solar, LLC	IPP	Park Meridian #1	CA	59539	1	1.5	Solar Photovoltaic	SUN	PV
2015	3	59284	Kona Solar, LLC	IPP	Terra Francesco	CA	59541	3	1.5	Solar Photovoltaic	SUN	PV
2015	3	58598	Mass Solar, LLC	IPP	Braley Road 2	MA	58680	PV1	2.7	Solar Photovoltaic	SUN	PV
2015	3	58598	Mass Solar, LLC	IPP	Freetown Solar	MA	58283	1	5.0	Solar Photovoltaic	SUN	PV
2015	3	59358	REUT Origination, LLC	IPP	South Milford Solar Plant	UT	59620	SMS1	2.9	Solar Photovoltaic	SUN	PV
2015	3	58920	Redmon Solar Farm LLC	IPP	Redmon Solar Farm LLC	NC	59114	1	2.0	Solar Photovoltaic	SUN	PV
2015	3	58749	Rentech Nitrogen Pasadena LLC	Electric CHP	Rentech Nitrogen Pasadena Cogeneration	TX	58870	MG202	14.0	All Other	WH	ST
2015	3	59519	TerraForm Solar XVII, LLC	IPP	BlueWave Capital - Grafton (SREC II)	MA	59752	1	1.3	Solar Photovoltaic	SUN	PV
2015	3	58361	Triton College	Commercial	Triton East and West Cogen	IL	58375	5	0.4	Other Natural Gas	NG	IC
2015	3	59298	Vega Solar, LLC	IPP	Vega Solar	CA	59555	VEGA1	20.0	Solar Photovoltaic	SUN	PV
2015	4	59359	BHE Renewables, LLC	IPP	TX Jumbo Road Wind	TX	59621	JRWND	299.7	Onshore Wind Turbine	WND	WT
2015	4	59503	Capital Dynamics	IPP	Green Pastures Wind I	TX	59732	GPI	150.0	Onshore Wind Turbine	WND	WT
2015	4	19454	City of Unalaska - (AK)	Electric Utility	Dutch Harbor	AK	7502	12	3.7	Petroleum Liquids	DFO	IC
2015	4	58519	Clean Energy Collective LLC	IPP	Sunnyside Ranch Community Solar Array	CO	59742	HCE	2.0	Solar Photovoltaic	SUN	PV
2015	4	59346	Colton Solar Two, LLC	IPP	Colton Solar Two, LLC	CA	59598	CS002	1.0	Solar Photovoltaic	SUN	PV
2015	4	59289	Everetts Wildcat Solar, LLC	IPP	Everetts Wildcat Solar, LLC	NC	59549	EVER1	5.0	Solar Photovoltaic	SUN	PV
2015	4	56615	First Solar Energy LLC	IPP	Lost Hills	CA	58711	BLKW	12.0	Solar Photovoltaic	SUN	PV
2015	4	56615	First Solar Energy LLC	IPP	Lost Hills	CA	58711	LTHL	20.0	Solar Photovoltaic	SUN	PV
2015	4	59284	Kona Solar, LLC	IPP	Rancho Cucamonga Dist #1	CA	59540	2	1.8	Solar Photovoltaic	SUN	PV
2015	4	59119	Los Vientos Windpower III, LLC	IPP	Los Vientos Windpower III	TX	59320	GEN1	2.0	Onshore Wind Turbine	WND	WT
2015	4	58863	Main Street Power	IPP	Arizona Western College PV	AZ	57765	SOLEG	1.0	Solar Photovoltaic	SUN	PV
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS01	16.5	Other Natural Gas	NG	IC
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS02	16.5	Other Natural Gas	NG	IC
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS03	16.5	Other Natural Gas	NG	IC
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS04	16.5	Other Natural Gas	NG	IC
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS05	16.5	Other Natural Gas	NG	IC
2015	4	11824	Matanuska Electric Assn Inc	Electric Utility	Eklutna Generation Station	AK	58989	EGS06	16.5	Other Natural Gas	NG	IC
2015	4	59600	Mohave Sunrise Solar I, LLC	IPP	Mohave Electric at Fort Mohave	AZ	59819	PV1	4.4	Solar Photovoltaic	SUN	PV
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
2015	4	5624	RED-Rochester, LLC	Industrial	RED-Rochester, LLC	NY	10025	75TG	2.2	Conventional Steam Coal	BIT	ST
2015	4	59529	Robeson County Landfill	Commercial	Robeson County LFG to Energy	NC	59763	GEN02	1.0	Landfill Gas	LFG	IC
2015	4	59352	Soul City Solar	IPP	Soul City Solar	NC	59606	FLS1	3.5	Solar Photovoltaic	SUN	PV
2015	4	57355	Stephens Ranch Wind Energy LLC	IPP	Stephens Ranch Wind Energy LLC	TX	57983	2	165.0	Onshore Wind Turbine	WND	WT
2015	4	59131	Sumitomo Corporation of the Americas	IPP	Mesquite Creek Wind	TX	59332	MSCRK	211.2	Onshore Wind Turbine	WND	WT
2015	4	59455	Venable Solar, LLC	IPP	Venable Solar 1	CA	58289	VNPV	1.5	Solar Photovoltaic	SUN	PV
2015	4	59455	Venable Solar, LLC	IPP	Venable Solar 2	CA	58290	VSPV	1.5	Solar Photovoltaic	SUN	PV
2015	4	59156	Wapsie Valley Creamery	Industrial	Wapsie Valley Creamery Back Up Generator	IA	59379	1	1.1	Petroleum Liquids	DFO	IC
2015	4	20542	Weyerhaeuser Co	Industrial	Flint River Operations	GA	50465	GEN2	25.0	Wood/Wood Waste Biomass	WDS	ST
2015	4	58919	Yanceyville Farm 2 LLC	IPP	Yanceyville Farm 2 LLC	NC	59113	1	5.0	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
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	1179	Emera Maine	Electric Utility	Medway	ME	1474	IC1	2.0	Petroleum Liquids	DFO	IC
2015	3	1179	Emera Maine	Electric Utility	Medway	ME	1474	IC2	2.0	Petroleum Liquids	DFO	IC
2015	3	1179	Emera Maine	Electric Utility	Medway	ME	1474	IC3	2.0	Petroleum Liquids	DFO	IC
2015	3	1179	Emera Maine	Electric Utility	Medway	ME	1474	IC4	2.0	Petroleum Liquids	DFO	IC
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	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	1	37.4	Conventional Steam Coal	SUB	ST
2015	3	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	2	80.8	Conventional Steam Coal	SUB	ST
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	3	15298	Talen Montana LLC	IPP	J E Corette Plant	MT	2187	1	153.0	Conventional Steam Coal	SUB	ST
2015	4	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	6	103.0	Conventional Steam Coal	BIT	ST
2015	4	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	7	104.0	Conventional Steam Coal	BIT	ST
2015	4	13971	City of Odessa - (MO)	Electric Utility	Odessa	MO	2148	3	1.8	Petroleum Liquids	DFO	IC
2015	4	13971	City of Odessa - (MO)	Electric Utility	Odessa	MO	2148	6	2.7	Petroleum Liquids	DFO	IC
2015	4	13971	City of Odessa - (MO)	Electric Utility	Odessa	MO	2148	IC4	0.8	Petroleum Liquids	DFO	IC
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	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	6	240.0	Conventional Steam Coal	BIT	ST
2015	4	12384	Midwest Generations EME LLC	IPP	Will County	IL	884	3	251.0	Conventional Steam Coal	SUB	ST
2015	4	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	3	79.0	Conventional Steam Coal	SUB	ST
2015	4	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	4	153.0	Conventional Steam Coal	SUB	ST
2015	4	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	1	8.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	4	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	2	8.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	4	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	3	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	4	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	4	13.0	Natural Gas Fired Combustion Turbine	NG	GT
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	1951	White Pine Electric Power LLC	IPP	White Pine Electric Power	MI	10148	GEN2	18.0	Other Natural Gas	NG	ST
2015	4	21148	Zapco Energy Tactics Corp	IPP	Oceanside Energy	NY	50348	OS3	0.6	Landfill Gas	LFG	IC

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	5	59236	Alamo Solar, LLC	IPP	Alamo Solar	CA	59469	ALAMO	18.7	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	18.7
2015	5	57421	BayWa r.e Wind LLC	IPP	Beethoven Wind	SD	59187	B&HB0	80.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	80.0
2015	5	59345	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	(V) Under construction, more than 50 percent complete	20.0
2015	5	56769	Consolidated Edison Development Inc.	IPP	Corcoran Solar 2	CA	59413	C2CA	19.8	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	19.8
2015	5	57365	Consolidated Edison Solutions Inc	IPP	Port Richmond WWT Solar	NY	58647	1	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2015	5	59393	Coronal Lost Hills, LLC	IPP	Coronal Lost Hills	CA	59638	CLH	20.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	20.0
2015	5	59288	Creswell Allgood Solar, LLC	IPP	Cresswell Allgood Solar, LLC	NC	59549	CRES1	14.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	14.0
2015	5	58468	Dominion Renewable Energy	IPP	Marin Carport	CA	59703	1	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2015	5	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0001	1.0	Conventional Hydroelectric	WAT	HY	(TS) Construction complete, but not yet in commercial operation	1.0
2015	5	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	5	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	5	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	5	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	5	5906	EDF Renewable Services Inc	IPP	Longhorn Wind	TX	58772	GEN1	200.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 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	(V) Under construction, more than 50 percent complete	150.4
2015	5	59407	FLS Solar 230 (Warren)	IPP	FLS Solar 230 (Warren)	NC	59646	FLS1	4.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.8
2015	5	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	5	7353	Golden Valley Elec Assn Inc	Electric Utility	Healy	AK	6288	2	50.0	Conventional Steam Coal	LIG	ST	(TS) Construction complete, but not yet in commercial operation	50.0
2015	5	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	5	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	5	49893	Invenergy Services LLC	IPP	Buckeye Wind Energy Center	KS	58767	1	25.9	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 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	Nelson Energy Center	IL	55183	CT1	155.7	Natural Gas Fired Combined Cycle	NG	CT	(TS) Construction complete, but not yet in commercial operation	181.9
2015	5	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	CT2	155.7	Natural Gas Fired Combined Cycle	NG	CT	(TS) Construction complete, but not yet in commercial operation	179.4
2015	5	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	ST1	129.6	Other Natural Gas	NG	ST	(TS) Construction complete, but not yet in commercial operation	133.5
2015	5	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	55183	ST2	129.6	Other Natural Gas	NG	ST	(TS) Construction complete, but not yet in commercial operation	133.5
2015	5	49893	Invenergy Services LLC	IPP	Wake Wind Energy Center	TX	58766	1	129.5	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 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	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	5	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	5	59287	Laurel Capital Partners	IPP	DD Hay Road Solar 23 LLC	DE	59715	PV1	1.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 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	59533	Loy Farm Solar LLC	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	5	58822	MC Power Companies Inc	IPP	Macon Solar Power Project	MO	59729	MSF1	2.8	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.8
2015	5	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS11	52.6	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	54.0
2015	5	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	5	59406	Mt. Olive Solar 1	IPP	Mt Olive Solar 1	NC	59645	FLS1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2015	5	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	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	(V) Under construction, more than 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	(TS) Construction complete, but not yet in commercial operation	96.0
2015	5	17826	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	59457	Sun Harvest Solar, LLC	IPP	Sun Harvest Solar NDP1	CA	59687	NDP1	1.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.5
2015	5	59351	Vicksburg Solar	IPP	Vicksburg Solar	NC	59605	FLS1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 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
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	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	6	221	Alaska Village Elec Coop, Inc	Electric Utility	Noatak	AK	57051	5A	0.5	Petroleum Liquids	JF	IC	(T) Regulatory approvals received. Not under construction	0.5
2015	6	221	Alaska Village Elec Coop, Inc	Electric Utility	St Michael	AK	57061	4	0.7	Petroleum Liquids	JF	IC	(TS) Construction complete, but not yet in commercial operation	0.7
2015	6	59050	Algonquin Power Co	IPP	Algonquin SKIC20 Solar LLC	CA	59412	SKI20	20.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	20.0
2015	6	57369	Apple, Inc	Commercial	FL Churchill PV	NV	59472	NVC7	19.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	19.9
2015	6	59476	BRE NC Solar, LLC	IPP	BRE	NC	59706	NB009	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	(V) Under construction, more than 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	(V) Under construction, more than 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	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	6	59277	ESA Princeton NC, LLC	IPP	Princeton	NC	59533	PRCTN	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	6	59132	Falcon Solar LLC	IPP	Falcon Solar	NC	59333	FAIS1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 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	(V) Under construction, more than 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	(TS) Construction complete, but not yet in commercial operation	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	(TS) Construction complete, but not yet in commercial operation	126.0
2015	6	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	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 Tell City Solar Park	IN	59482	STEL1	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2015	6	59354	LKL BLBD, LLC	IPP	LKL BLBD, LLC	FL	59611	LKLBB	6.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	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	12411	Miami Dade Water & Sewer Dept	Commercial	Central District Wastewater Treat Plant	FL	54623	6	1.2	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation	1.2
2015	6	12670	Missouri Jnt Muni.Pwr Elec. Ut. 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	6	12670	Missouri Jnt Muni.Pwr Elec. Ut. 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	6	59627	NRG Renew	IPP	Adams Community Solar Garden III LLC	CO	59850	23376	1.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2
2015	6	59627	NRG Renew	IPP	Adams Community Solar Garden LLC	CO	59849	23377	1.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2
2015	6	59627	NRG Renew	IPP	Pikes Peak Solar Garden 1 LLC	CO	59848	PPSG1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
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	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	6	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2952	SLR1	2.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.5
2015	6	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	CTG-3	204.0	Other Natural Gas	NG	BA	(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	14395	Palm Springs City of	Commercial	Municipal Cogen Plant	CA	50674	GEN1A	1.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	1.2
2015	6	59146	Red Horse 2	IPP	Red Horse 2	AZ	58833	RH25	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	(V) Under construction, more than 50 percent complete	99.0
2015	6	59589	Rockfish Solar LLC	IPP	Rockfish Solar LLC	MD	59811	GEN1	10.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	10.3
2015	6	59278	Sarah Solar, LLC	IPP	Sarah Solar	NC	59500	SARAH	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	6	17164	Sierra Pacific Industries Inc	Industrial	SPI Anderson 2	CA	59658	GEN3	27.2	Wood/Wood Waste Biomass	WDS	ST	(V) Under construction, more than 50 percent complete	30.2
2015	6	59202	SolNCPower1, LLC	IPP	Two Mile Solar	NC	59427	TM51	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2015	6	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	6	58658	Sunlight Partners	IPP	Amethyst Solar	NC	58730	PV1	3.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.0
2015	6	58658	Sunlight Partners	IPP	Audrey Solar	NC	58732	PV1	3.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.0
2015	6	58658	Sunlight Partners	IPP	Elliana Solar	NC	58725	PV1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	6	58658	Sunlight Partners	IPP	Milo Solar	NC	58739	PV1	3.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.0
2015	6	58658	Sunlight Partners	IPP	Minnie Solar	NC	58740	PV1	3.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.0
2015	6	58658	Sunlight Partners	IPP	Sophie Solar	NC	58745	PV1	4.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. 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	59519	TerraForm Solar XVII, LLC	IPP	RCS:Rutland VNM SREC II Project (MA)	MA	59777	1	2.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.6
2015	6	56918	University of California San Diego	Commercial	University of California San Diego	CA	57584	BS1	2.5	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	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	(TS) Construction complete, but not yet in commercial operation	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	(TS) Construction complete, but not yet in commercial operation	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	(TS) Construction complete, but not yet in commercial operation	1.8

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	6	20214	Waverly Municipal Elec Utility	Electric Utility	Waverly Municipal Electric North Plant	IA	6554	20	1.8	Petroleum Liquids	DFO	IC	(TS) Construction complete, but not yet in commercial operation	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	16.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	16.6
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	59212	Adelanto II Solar, LLC	IPP	Adelanto II Solar, LLC	CA	59440	SA5	7.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	7.0
2015	7	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	7	58770	Balko Wind LLC	IPP	Balko Wind LLC	OK	58900	BAL1	299.7	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	299.7
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	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	7	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	7	59381	EE Kettleman California LLC	IPP	Kettleman Solar -Centaurus	CA	59633	KS	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	7	59155	First Wind O&M, LLC	IPP	Laho Solar Plant	UT	58602	LSP1	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.0
2015	7	59155	First Wind O&M, LLC	IPP	Milford Flat Solar Plant	UT	58601	MFSP1	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.0
2015	7	59155	First Wind O&M, LLC	IPP	Route 66 Wind Plant	TX	58681	RT661	150.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	150.0
2015	7	59304	Foxfire Farm, LLC	IPP	Foxfire Solar Farm	NC	59563	PV1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	7	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Peru Solar Park	IN	59481	SPERU	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	7	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	7	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	BLK4	31.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	31.4
2015	7	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	BLK8	36.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	36.5
2015	7	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS14	32.2	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	33.0
2015	7	59321	Millikan Farm, LLC	IPP	Millikan Farm	NC	59576	PV1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	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	59611	Royal Solar	IPP	Royal Solar	NC	59831	FLS1	4.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.9
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	Silkwheather Farm, LLC	IPP	Silkwheather Farm	NC	59895	PV1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	7	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	7	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	7	59609	TWE Kinston Solar	IPP	Kinston Solar	NC	59832	FLS3	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	7	59610	TWE Laurinburg Solar	IPP	Laurinburg Solar	NC	59833	FLS1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	7	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	7	59332	Yadkin 601 Farm, LLC	IPP	Yadkin 601 Farm	NC	59587	PV1	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	7	58661	sPower	IPP	Spring Hill Road	MA	59839	SHRD1	1.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	1.9
2015	8	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	8	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	8	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	8	803	Arizona Public Service Co	Electric Utility	SR85	AZ	59444	PV1	10.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	10.0
2015	8	59613	BayWa r.e. Solar Projects LLC	IPP	Newton Grove	NC	59835	GEN1	1.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	1.9
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	5906	EDF Renewable Services Inc	IPP	Pilot Hill Wind Farm	IL	58898	K4-1	175.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	175.0
2015	8	59155	First Wind O&M, LLC	IPP	Beryl Solar Plant	UT	58598	BSP1	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 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	(V) Under construction, more than 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	(V) Under construction, more than 50 percent complete	3.0
2015	8	59155	First Wind O&M, LLC	IPP	Greenville Solar Plant	UT	58603	GVSP1	2.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.2
2015	8	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	8	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Crawfordsville Solar Park	IN	59483	SCRAW	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.0
2015	8	49893	Invenergy Services LLC	IPP	Ector County Energy Center	TX	58471	CTG1	163.3	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 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	(V) Under construction, more than 50 percent complete	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	12807	Michigan South Central Pwr Agy	Electric Utility	Coldwater Peaking Plant	MI	59467	GEN1	4.3	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete	4.3
2015	8	12807	Michigan South Central Pwr Agy	Electric Utility	Coldwater Peaking Plant	MI	59467	GEN2	4.3	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete	4.3
2015	8	12807	Michigan South Central Pwr Agy	Electric Utility	Coldwater Peaking Plant	MI	59467	GEN3	4.3	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete	4.3
2015	8	58638	NGP Lenape Solar II, LLC	IPP	Lenape II	IN	58703	1	4.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	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	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	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	59560	SunE Solar XVII Project 1, LLC	IPP	Fiddler's Canyon #1	UT	59787	FID1	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	8	59561	SunE Solar XVII Project 2, LLC	IPP	Fiddler's Canyon #2	UT	59786	FID2	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	8	24211	Tucson Electric Power Co	Electric Utility	Fort Huachuca Solar PV Project	AZ	58972	FHUA2	4.1	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.1
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	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	SA5	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	9	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	9	58981	Bethel Solar LLC	IPP	Bethel Solar	NC	59173	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	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	(U) Under construction, less than or equal to 50 percent complete	8.0
2015	9	57389	IKEA Property Inc	Commercial	IKEA St. Louis 410	MO	59714	IK410	1.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	1.0
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	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	56990	NJR Clean Energy Ventures Corporation	IPP	Hanover	NJ	59628	HNOVR	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2015	9	56990	NJR Clean Energy Ventures Corporation	IPP	Harmony	NJ	59627	HRMNY	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.0
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	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN1	4.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	4.4
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN2	4.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	4.4
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN3	4.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	4.4
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN4	4.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	4.4
2015	9	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN5	4.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	4.4
2015	9	58565	Saddleback Ridge Wind, LLC	IPP	Saddleback Ridge Wind Farm	ME	58608	SRW1	34.2	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	34.2
2015	9	59598	Tooele Army Depot	IPP	Tooele Wind Turbine	UT	59817	GEN03	1.7	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	1.7
2015	10	221	Alaska Village Elec Coop, Inc	Electric Utility	Hooper Bay	AK	6319	5A	0.8	Petroleum Liquids	DFO	IC	(P) Planned for installation, but regulatory approvals not initiated	0.8
2015	10	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	10	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	10	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	10	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	10	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	10	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	10	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	10	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	10	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	10	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	10	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	10	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	10	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	10	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
2015	10	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	10	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

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	10	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	10	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	10	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	10	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	10	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	10	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	10	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	10	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	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	59382	Border Winds Energy, LLC	Electric Utility	Border Winds Wind Farm	ND	59200	1	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	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	GP6	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	150.0
2015	10	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	10	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	10	58970	Ecoplexus, Inc	IPP	Baker PV 1	NC	59517	BAKE1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	10	58970	Ecoplexus, Inc	IPP	Bernhall Bridge PV 1	NC	59515	BEN71	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	10	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	10	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	10	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	10	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	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	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	10	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	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	11208	Los Angeles Department of Water & Power	IPP	Colon PV	CA	59798	W4172	1.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.3
2015	10	26253	Louisiana Energy & Power Authority	Electric Utility	LEPA Unit No. 1	LA	58478	LEPA1	59.0	Natural Gas Fired Combined Cycle	NG	CC	(V) Under construction, more than 50 percent complete	64.0
2015	10	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	BLK5	31.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	31.4
2015	10	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	BLK6	26.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	26.9
2015	10	12341	MidAmerican Energy Co	Electric Utility	Adams Wind	IA	58937	ADWF	150.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	153.4
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	58477	O2energies, Inc.	IPP	Montgomery Solar LLC	NC	58649	1	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
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	(V) Under construction, more than 50 percent complete	200.1
2015	10	59383	Pleasant Valley Wind, LLC	Electric Utility	Pleasant Valley Wind Farm	MN	59201	1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2015	10	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	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	THNDR	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	150.0
2015	10	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	10	58661	sPower	IPP	Eden Solar LLC	NC	59778	EDEN5	47.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	47.7
2015	11	57369	Apple, Inc	Commercial	Apple Data Center PV3	NC	59474	DCPV3	17.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	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	BM1	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	(L) Regulatory approvals pending. 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	(L) Regulatory approvals pending. Not under construction	5.0
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	3.8
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	3046	Duke Energy Progress - (NC)	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	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	59380	Enel Green Power NA, 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	58962	Fair Wind Power Partners	IPP	Fair Wind Power	MD	59147	1	30.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	30.0
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	59481	Franklinton Solar LLC	IPP	Franklinton Solar	NC	59708	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	11	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Pendleton Solar Park	IN	59770	SPEND	2.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.0
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	(U) Under construction, less than or equal to 50 percent complete	299.0
2015	11	59394	NextEra Energy Resources Breckinridge	IPP	Breckinridge Wind Project LLC	OK	58994	BWP	98.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	98.8
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	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
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	58829	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	(U) Under construction, less than or equal to 50 percent complete	100.0
2015	12	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	12	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	12	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	12	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	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	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	59855	CCWF1	97.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	97.8
2015	12	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	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	(T) Regulatory approvals received. Not under construction	20.0
2015	12	59261	Colonial Eagle Solar, LLC	IPP	Whitakers	NC	59526	WHIT1	12.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	12.0
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	Harrelfs 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	59464	Current Energy Group	IPP	Balsam	NC	59828	5375	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	59464	Current Energy Group	IPP	Hickory	NC	59829	5515	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	59464	Current Energy Group	IPP	Sweetgum Solar	NC	59824	5732	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	12	3046	Duke Energy Progress - (NC)	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	5906	EDF Renewable Services Inc	IPP	Milo Wind Project LLC	NM	59838	GEN1	50.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	50.0
2015	12	5906	EDF Renewable Services Inc	IPP	Slate Creek Wind Project LLC	KS	59837	GEN1	150.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	150.0
2015	12	58970	Ecoplexus, Inc	IPP	American Legion PV 1	NC	59516	AMLEG	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2015	12	58970	Ecoplexus, Inc	IPP	Flat Meeks PV 1	NC	59514	FLAT1	3.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.4
2015	12	58970	Ecoplexus, Inc	IPP	Grandy PV 1	NC	59518	GRAND	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	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	59380	Enel Green Power NA, 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	59380	Enel Green Power NA, 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	59402	Garysburg Solar LLC	IPP	Garysburg Solar	NC	59641	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59403	Gaston Solar LLC	IPP	Gaston Solar	NC	59642	5MWPV	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

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	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	(V) Under construction, more than 50 percent complete	298.0
2015	12	9324	Indiana Michigan Power Co	IPP	Deer Creek PV	IN	59855	DCPV1	2.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.5
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	298.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	298.0
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	ME5	18.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	18.0
2015	12	59341	Maricopa West Solar PV, LLC	IPP	Maricopa West Solar	CA	59607	MWS	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
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	(U) Under construction, less than or equal to 50 percent complete	7.0
2015	12	59262	NRG Solar Oasis, LLC	IPP	NRG Solar Oasis LLC	CA	59528	OASIS	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. 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	55868	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	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	Q35.7	39.9	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	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	58109	President & Trustees of Williams College	Commercial	Williams College - Campus CHP	MA	58160	GEN3	1.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.2
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	15473	Public Service Co of NM	Electric Utility	La Luz Energy Center	NM	58284	0001	40.2	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	42.3
2015	12	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	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	59428	Sendero Wind Energy, LLC	IPP	Sendero Wind Energy	TX	59654	1	78.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	78.0
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	59605	South Louisburg Solar LLC	IPP	South Louisburg Solar	NC	59825	5MWPV	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	58858	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	58858	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	58858	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	58858	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	58858	Sunlight Partners	IPP	Carol Jean Solar	NC	59017	GEN 1	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2015	12	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	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	58858	Sunlight Partners	IPP	Duck Solar	NC	58724	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58858	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	Husky Solar	NC	59510	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58858	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	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	(T) Regulatory approvals received. 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	(L) Regulatory approvals pending. Not under construction	3.0
2015	12	58658	Sunlight Partners	IPP	Star Solar	NC	58746	PV1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	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	59569	TWE Ahoskie Solar Project, LLC	IPP	Ahoskie	NC	59795	FLS1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59570	TWE Kelford Solar Project, LLC	IPP	Kelford	NC	59796	FLS1	4.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	18454	Tampa Electric Co	Electric Utility	TIA Solar	FL	59769	1	1.6	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.6
2015	12	59412	Tarboro Solar LLC	IPP	Tarboro Solar	NC	59648	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
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	54906	Tradewind Energy, Inc.	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	59056	Tri Global Energy, LLC	IPP	Fiber Winds	TX	59244	FIBE1	80.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	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	58153	US Magnesium	Industrial	US Magnesium	UT	58191	GT4	24.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	30.0
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	199.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	199.0
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	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	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 WAD B	CA	59739	LWADB	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	(U) Under construction, less than or equal to 50 percent complete	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN02	3.4	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN03	3.4	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN04	3.4	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN05	3.4	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	3.4
2016	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN06	3.4	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	3.4

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	1	59228	Bowerman Power LFG, LLC	IPP	Bowerman Power LFG, LLC	CA	59461	GEN07	3.4	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	3.4
2016	1	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57839	CT001	240.0	Natural Gas Fired Combined Cycle	NG	CC	(V) Under construction, more than 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	(V) Under construction, more than 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	(V) Under construction, more than 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	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	BLK7	41.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	41.9
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	(V) Under construction, more than 50 percent complete	108.0
2016	1	57249	Suncook Energy LLC	IPP	Nashua Plant	NH	55006	UNIT3	1.5	Landfill Gas	LFG	IC	(OT) Other	1.6
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	58970	Ecoplexus, Inc	IPP	Meadows PV 1	NC	59513	MEAD1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	2	58815	KDC Solar RTC LLC	IPP	Delilah Road Landfill	NJ	58951	DRL5	9.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	9.0
2016	2	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	1	41.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	41.9
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	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
2016	2	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
2016	2	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
2016	2	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
2016	2	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
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	(V) Under construction, more than 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	3	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	3	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN1	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN2	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN3	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN4	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN5	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN1	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN2	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN3	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN4	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN5	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. 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	(V) Under construction, more than 50 percent complete	435.0
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	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN1	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	4	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN2	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	4	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN3	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	4	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN4	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	4	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN5	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
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	772	Archer Daniels Midland Co	Industrial	Archer Daniels Midland Cedar Rapids	IA	10864	GEN7	35.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	38.5
2016	4	9267	Hoosier Energy R E C, Inc	Electric Utility	Cabin Creek Renewable Energy Station	IN	59791	1	1.9	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	2.0
2016	4	9267	Hoosier Energy R E C, Inc	Electric Utility	Cabin Creek Renewable Energy Station	IN	59791	2	1.9	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	2.0
2016	4	9267	Hoosier Energy R E C, Inc	Electric Utility	Orchard Hills Renewable Energy Station	IL	59792	1	2.3	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	2.7
2016	4	9267	Hoosier Energy R E C, Inc	Electric Utility	Orchard Hills Renewable Energy Station	IL	59792	2	2.3	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	2.7
2016	4	9267	Hoosier Energy R E C, Inc	Electric Utility	Orchard Hills Renewable Energy Station	IL	59792	3	2.3	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	2.7
2016	4	9267	Hoosier Energy R E C, Inc	Electric Utility	Orchard Hills Renewable Energy Station	IL	59792	4	2.3	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	2.7
2016	4	9267	Hoosier Energy R E C, Inc	Electric Utility	Orchard Hills Renewable Energy Station	IL	59792	5	2.3	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	2.7
2016	4	9267	Hoosier Energy R E C, Inc	Electric Utility	Orchard Hills Renewable Energy Station	IL	59792	6	2.3	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete	2.7
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	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
2016	4	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
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	(T) Regulatory approvals received. 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	2.9
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	2.2
2016	4	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
2016	4	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
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	7349	Golden Spread Electric Cooperative, Inc	Electric Utility	Elk Station	TX	58835	ELK2	189.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	202.0
2016	5	7349	Golden Spread Electric Cooperative, Inc	Electric Utility	Elk Station	TX	58835	ELK3	189.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	202.0
2016	5	11208	Los Angeles Department of Water & Power	IPP	Foothill Solar Project	CA	59799	W4528	1.1	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.1
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	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	BLK2	21.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	21.0
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	15248	Portland General Electric Co	Electric Utility	Carty Generating Station	OR	58503	GEN2	500.0	Natural Gas Fired Combined Cycle	NG	CT	(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	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	5	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
2016	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	5	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	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	221	Alaska Village Elec Coop, Inc	Electric Utility	Mountain Village	AK	6329	4A	0.8	Petroleum Liquids	DFO	IC	(P) Planned for installation, but regulatory approvals not initiated	0.8
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	11	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	12	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	13	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

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	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	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	56290	CPV Vaca Station LLC	IPP	CPV Vaca Station LLC	CA	56999	CTG1	189.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	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	3046	Duke Energy Progress - (NC)	IPP	Warsaw Farm	NC	58949	1	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
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	(T) Regulatory approvals received. Not under construction	4.4
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN2	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN3	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN4	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. Not under construction	4.4
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN5	4.2	Other Natural Gas	NG	IC	(T) Regulatory approvals received. 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 Facility	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	57702	3	1.5	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.6
2016	6	58684	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	6	58684	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	6	58684	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	6	58684	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	6	58684	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	6	59440	Innovative Solar 23, LLC	IPP	Innovative Solar 23	NC	59679	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	59401	Jamesville Solar LLC	IPP	Jamesville Solar	NC	59640	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
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	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	BLK3	19.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	19.0
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	3889	BA	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	122.0
2016	6	59404	Seaboard Solar LLC	IPP	Seaboard Solar LLC	NC	59643	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
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
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	59405	Weldon Solar LLC	IPP	Weldon Solar	NC	59644	5MWPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
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	6	20847	Wisconsin Electric Power Co	Electric Utility	Twin Falls (WI)	WI	59836	11	4.6	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	4.6
2016	6	20847	Wisconsin Electric Power Co	Electric Utility	Twin Falls (WI)	WI	59836	12	4.6	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	4.6
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	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	11208	Los Angeles Department of Water & Power	Electric Utility	Van Norman Bypass Solar Project	CA	57307	1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2016	7	59342	Maricopa West Solar PV 2, LLC	IPP	Maricopa West Solar 2	CA	59608	MW52	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	7	58661	sPower	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	58661	sPower	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	58661	sPower	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	8	59273	6ZSK 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	59616	63SU 8me, LLC	IPP	Springbok Solar Farm 2	CA	59840	SB2	150.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2016	8	58897	70SM 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	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	213	Alaska Electric Light&Power Co	Electric Utility	Industrial Plant	AK	59793	15	25.0	Petroleum Liquids	DFO	GT	(L) Regulatory approvals pending. Not under construction	25.0
2016	9	59520	BWC Origination 5, LLC	IPP	BlueWave Capital-Mattapoisett (SREC II)	MA	59753	1	0.8	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.0
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	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	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	9	59628	Infigen Energy US Development 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
2016	9	59628	Infigen Energy US Development LLC	IPP	Wildwood Solar II	CA	59253	PV1	14.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	15.0
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

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	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	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
2016	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
2016	10	57369	Apple, Inc	Industrial	Apple Campus 2 Fuel Cell	CA	59557	AC2FC	4.0	Other Waste Biomass	OBG	FC	(T) Regulatory approvals received. Not under construction	4.0
2016	10	57369	Apple, Inc	Industrial	Apple Campus 2 PV	CA	59473	AC2PV	14.4	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	14.4
2016	10	59594	Black Oak Wind Farm LLC	IPP	Black Oak Wind Farm	NY	59813	NA	16.1	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	16.1
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	9324	Indiana Michigan Power Co	IPP	OlivePV	IN	59854	OLPV1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2016	10	9324	Indiana Michigan Power Co	IPP	Watervliet PV	MI	59853	WVPV1	4.6	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.6
2016	10	59022	Leonardo Wind 1 LLC	IPP	Leonardo Wind 1 LLC	IA	59228	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	3.0
2016	10	59023	Leonardo Wind 3 LLC	IPP	Leonardo Wind 3 LLC	IA	59229	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	3.0
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	59026	Michelangelo Wind 1 LLC	IPP	Michelangelo Wind 1 LLC	IA	59231	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	3.0
2016	10	58887	Michelangelo Wind 3 LLC	IPP	Michelangelo Wind 3 LLC	IA	59053	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	3.0
2016	10	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
2016	10	59634	North Star Solar PV LLC	IPP	North Star Solar Project	MN	59852	NSSP1	100.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2016	10	59025	Optimum Wind 3 LLC	IPP	Optimum Wind 3 LLC	IA	59227	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	3.0
2016	10	59024	Optimum Wind 4 LLC	IPP	Optimum Wind 4 LLC	IA	59226	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	3.0
2016	10	59017	Optimum Wind 5 LLC	IPP	Optimum Wind 5 LLC	IA	59223	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	3.0
2016	10	59018	Optimum Wind 6 LLC	IPP	Optimum Wind 6 LLC	IA	59224	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	3.0
2016	10	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	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	59021	Venus Wind 3 LLC	IPP	Venus Wind 3 LLC	IA	59230	WT1	3.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	3.0
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	COND3	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	59595	Copper Mountain Solar 4, LLC	IPP	Copper Mountain Solar 4, LLC	NV	59814	PV01	46.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	46.0
2016	11	59595	Copper Mountain Solar 4, LLC	IPP	Copper Mountain Solar 4, LLC	NV	59814	PV02	46.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	46.0
2016	11	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	11	59056	Tri Global Energy, LLC	IPP	Haile Community Wind Farm	TX	59247	HALE1	240.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	240.0
2016	12	59272	41MB Brew, 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	30.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	30.0
2016	12	58794	American Wind Energy Management Corp.	IPP	Sangamon Wind Two LLC	IL	58926	SAN2	100.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	100.0
2016	12	58794	American Wind Energy Management Corp.	IPP	Sugar Creek Wind One LLC	IL	58924	SUC1	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	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN1	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN2	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN3	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN4	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	59193	Basswood Energy, LLC	IPP	Basswood Energy, LLC	PA	59420	GEN5	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	58625	Black Oak Wind, LLC	IPP	Black Oak Wind Farm	MN	58692	1	78.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	78.0
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	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	58889	Dominion Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5STA	40.0	All Other	WH	CA	(L) Regulatory approvals pending. Not under construction	65.0
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	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	59380	Enel Green Power NA, 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	59380	Enel Green Power NA, Inc.	IPP	Lindahl Wind Project, LLC	ND	59684	LWP01	1.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	150.0
2016	12	59380	Enel Green Power NA, 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	59380	Enel Green Power NA, 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	Horse Thief Wind Project, LLC	MT	59758	1	80.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	80.0
2016	12	58672	Everpower Wind Holdings Inc	IPP	Mud Springs Wind Project, LLC	MT	59756	1	80.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	80.0
2016	12	58672	Everpower Wind Holdings Inc	IPP	Pryor Caves Wind Project, LLC	MT	59757	1	80.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	80.0
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	Millani South PV	HI	58281	1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2016	12	57341	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	12	58146	Gaelectric LLC	IPP	Jawbone Wind Project	MT	58175	JWP1	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	59633	Great Bay Solar I LLC	IPP	Great Bay Solar 1	MD	59851	GBS01	57.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
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	59628	Infigen Energy US Development 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	59628	Infigen Energy US Development LLC	IPP	Caprock Solar 1 LLC	NM	59251	PV1	24.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	25.0
2016	12	59628	Infigen Energy US Development LLC	IPP	Caprock Solar 2 LLC	NM	59846	PV1	30.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	30.0
2016	12	59628	Infigen Energy US Development 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	Miliani 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

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	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	55983	Luminant Generation Company LLC	IPP	Horseshoe Bend	TX	59806	SOLAR	140.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	140.0
2016	12	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	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 Windfield 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	59608	Playa Solar LLC	IPP	Playa Solar	NV	59827	GEN01	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
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	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN1	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN2	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN3	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN4	4.4	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2016	12	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN5	4.2	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
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	Rugged Solar LLC	CA	57960	1	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
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	58860	Southbridge Recycling and Disposal Park, Inc	IPP	Southbridge Landfill Gas-to-Energy	MA	59011	CAT2	1.5	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.6
2016	12	59607	Sunshine Valley Solar LLC	IPP	Sunshine Valley Solar	NV	59826	GEN01	100.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
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	56360	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)	Electric Utility	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)	Electric Utility	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)	Electric Utility	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	(T) Regulatory approvals received. Not under construction	365.5
2017	4	7490	Grand River Dam Authority	Electric Utility	GREC	OK	165	3ST	191.8	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. 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	CTG1	209.0	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	209.0	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	238.8	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	Enivromission, 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	6035	Exelon Power	IPP	Wolf Hollow II	TX	59812	CGT3	318.5	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	360.0
2017	5	6035	Exelon Power	IPP	Wolf Hollow II	TX	59812	CGT4	318.5	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	360.0
2017	5	6035	Exelon Power	IPP	Wolf Hollow II	TX	59812	ST6	485.2	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	501.3
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	230.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	285.0
2017	5	40229	Old Dominion Electric Coop	Electric Utility	Wildcat Point Generation Facility	MD	59220	CT1	310.3	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 Generation Facility	MD	59220	CT2	310.3	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 Generation Facility	MD	59220	ST1	493.0	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	56608	Calpine Mid-Merit LLC	IPP	York Energy Center	PA	55524	CTG5	230.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	230.0
2017	6	56608	Calpine Mid-Merit LLC	IPP	York Energy Center	PA	55524	CTG6	230.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	230.0
2017	6	56608	Calpine Mid-Merit LLC	IPP	York Energy Center	PA	55524	STG2	414.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	414.0
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	(U) Under construction, less than or equal to 50 percent complete	340.0
2017	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	6	340.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	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

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	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	59534	Oregon Clean Energy Center	IPP	Oregon Clean Energy Center	OH	59764	CTG11	256.5	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	328.0
2017	6	59534	Oregon Clean Energy Center	IPP	Oregon Clean Energy Center	OH	59764	CTG12	256.5	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	328.0
2017	6	59534	Oregon Clean Energy Center	IPP	Oregon Clean Energy Center	OH	59764	STG10	334.6	Natural Gas Fired Combined Cycle	NG	CA	(U) Under construction, less than or equal to 50 percent complete	404.0
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	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
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 Facility	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	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	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
2017	9	19876	Virginia Electric & Power Co	Electric Utility	VA Offshore Wind Project (VOWTAP)	VA	59683	OSW1	12.0	Offshore Wind Turbine	WND	WS	(L) Regulatory approvals pending. Not under construction	12.0
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	59541	Carroll County Energy LLC	Electric CHP	Carroll County Energy	OH	59773	CGT1	197.3	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	235.5
2017	12	59541	Carroll County Energy LLC	Electric CHP	Carroll County Energy	OH	59773	CGT2	197.3	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	235.5
2017	12	59541	Carroll County Energy LLC	Electric CHP	Carroll County Energy	OH	59773	SGT1	288.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	361.3
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	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 3	98.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	98.0
2018	1	56814	Black Creek Renewable Energy LLC	IPP	Sampson County Landfill	NC	57492	GEN8	1.6	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	1.6
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	56204	CPV Valley LLC	IPP	CPV Valley Energy Center	NY	56940	CTG2	186.5	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	235.0
2018	1	56204	CPV Valley LLC	IPP	CPV Valley Energy Center	NY	56940	STG	305.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	350.0
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	59123	NTE Carolinas, LLC	IPP	Kings Mountain Energy Center	NC	59325	KMEC1	460.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	475.0
2018	1	59123	NTE Carolinas, LLC	IPP	Kings Mountain Energy Center	NC	59325	KMEC2	248.8	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	248.8
2018	1	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	GT1	57.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	66.0
2018	1	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	GT2	57.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	66.0
2018	1	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	GT3	57.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	66.0
2018	1	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	GT4	57.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	66.0
2018	1	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	GT5	57.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	66.0
2018	1	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	GT6	57.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	66.0
2018	1	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	GT7	57.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	66.0
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	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	6-1	215.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	238.0
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	59490	Neches Station, LLC	IPP	Neches Station, LLC	TX	59716	CTG1	223.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	232.0
2018	5	59490	Neches Station, LLC	IPP	Neches Station, LLC	TX	59716	CTG2	223.0	Natural Gas Fired Combustion Turbine	NG	GT	(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	58409	Future Power PA	IPP	Good Spring NGCC Facility	PA	58409	ST1	108.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	108.0
2018	6	59588	Lake Creek 3 Power Company LLC	IPP	Lake Creek	TX	3502	CT1	207.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	235.5
2018	6	55983	Luminant Generation Company LLC	IPP	DeCordova Steam Electric Station	TX	8063	CT5	207.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	235.5
2018	6	55983	Luminant Generation Company LLC	IPP	DeCordova Steam Electric Station	TX	8063	CT6	207.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	235.5
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	59124	NTE Ohio LLC	IPP	Middletown Energy Center	OH	59326	MEC1	310.3	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	310.3
2018	6	59124	NTE Ohio LLC	IPP	Middletown Energy Center	OH	59326	MEC2	284.8	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	284.8
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
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	56883	Tradinghouse Power Company LLC	IPP	Tradinghouse	TX	3506	CT1	207.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	235.5
2018	6	56883	Tradinghouse Power Company LLC	IPP	Tradinghouse	TX	3506	CT2	207.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	235.5
2018	6	56927	Wallingford Energy LLC	IPP	Wallingford Energy	CT	55517	CTG6	45.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	50.0
2018	6	56927	Wallingford Energy LLC	IPP	Wallingford Energy	CT	55517	CTG7	45.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	50.0
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	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
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

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	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	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
2018	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
2018	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
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	(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-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	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
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
2018	12	19511	University of Alaska	Commercial	University of Alaska Fairbanks	AK	50717	GEN5	17.0	Conventional Steam Coal	SUB	ST	(P) Planned for installation, but regulatory approvals not initiated	17.0
2019	1	20856	Wisconsin Power & Light Co	Electric Utility	Riverside Energy Center	WI	55641	CTG3	225.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	235.0
2019	1	20856	Wisconsin Power & Light Co	Electric Utility	Riverside Energy Center	WI	55641	CTG4	225.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	235.0
2019	1	20856	Wisconsin Power & Light Co	Electric Utility	Riverside Energy Center	WI	55641	STG2	250.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated	250.0
2019	2	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
2019	3	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
2019	3	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
2019	3	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
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	55983	Luminant Generation Company LLC	IPP	Eagle Mountain	TX	3489	CT1	224.9	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	235.5
2019	6	55983	Luminant Generation Company LLC	IPP	Eagle Mountain	TX	3489	CT2	224.9	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	235.5
2019	6	55983	Luminant Generation Company LLC	IPP	Eagle Mountain	TX	3489	ST1	344.4	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	382.5
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	104.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	108.7
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG02	104.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	108.7
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG03	104.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	108.7
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG04	104.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	108.7
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG05	104.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	108.7
2019	7	59235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG06	104.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	108.7
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	5	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS3	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	101.0
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	5	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS4	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	101.0
2022	5	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS5	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	101.0
2022	5	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS6	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
2023	5	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS7	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	101.0
2023	5	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS8	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	101.0
2023	5	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS9	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 signifcant 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	5	142	AES Beaver Valley	Electric CHP	AES Beaver Valley Partners Beaver Valley	PA	10676	GEN2	32.0	Conventional Steam Coal	BIT	ST
2015	5	142	AES Beaver Valley	Electric CHP	AES Beaver Valley Partners Beaver Valley	PA	10676	GEN3	114.0	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	56606	Calpine New Jersey Generation LLC	IPP	Cedar Station	NJ	2380	CED1	42.7	Petroleum Liquids	KER	GT
2015	5	56606	Calpine New Jersey Generation LLC	IPP	Cedar Station	NJ	2380	CED2	22.7	Petroleum Liquids	KER	GT
2015	5	56606	Calpine New Jersey Generation LLC	IPP	Middle Station	NJ	2382	MID1	19.2	Petroleum Liquids	KER	GT
2015	5	56606	Calpine New Jersey Generation LLC	IPP	Middle Station	NJ	2382	MID2	19.4	Petroleum Liquids	KER	GT
2015	5	56606	Calpine New Jersey Generation LLC	IPP	Middle Station	NJ	2382	MID3	34.8	Petroleum Liquids	KER	GT
2015	5	56606	Calpine New Jersey Generation LLC	IPP	Missouri Avenue	NJ	2383	MISB	18.5	Petroleum Liquids	KER	GT
2015	5	56606	Calpine New Jersey Generation LLC	IPP	Missouri Avenue	NJ	2383	MISC	20.5	Petroleum Liquids	KER	GT
2015	5	56606	Calpine New Jersey Generation LLC	IPP	Missouri Avenue	NJ	2383	MISD	20.5	Petroleum Liquids	KER	GT
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	19804	City of Vero Beach - (FL)	Electric Utility	Vero Beach Municipal Power Plant	FL	693	4	56.0	Other Natural Gas	NG	ST
2015	5	9413	Iowa Methodist Medical Center	Commercial	Iowa Methodist Medical Center	IA	10655	1	1.5	Petroleum Liquids	DFO	IC
2015	5	9413	Iowa Methodist Medical Center	Commercial	Iowa Methodist Medical Center	IA	10655	2	1.5	Petroleum Liquids	DFO	IC
2015	5	9413	Iowa Methodist Medical Center	Commercial	Iowa Methodist Medical Center	IA	10655	3	0.5	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	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
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	6	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	20838	Win-Sam Inc	Commercial	University of Texas at San Antonio	TX	54606	GEN1	3.3	Other Natural Gas	NG	IC
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	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	12897	Moose Lake Water & Light Comm	Electric Utility	Moose Lake	MN	1996	2	1.1	Petroleum Liquids	DFO	IC
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

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	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	7801	Gulf Power Co	Electric Utility	Lansing Smith	FL	643	1	162.0	Conventional Steam Coal	BIT	ST
2016	3	7801	Gulf Power Co	Electric Utility	Lansing Smith	FL	643	2	195.0	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	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	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	4	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	8	465.0	Conventional Steam Coal	BIT	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
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	8	20847	Wisconsin Electric Power Co	Electric Utility	Twin Falls (MI)	MI	1784	1	1.3	Conventional Hydroelectric	WAT	HY
2016	8	20847	Wisconsin Electric Power Co	Electric Utility	Twin Falls (MI)	MI	1784	2	1.3	Conventional Hydroelectric	WAT	HY
2016	8	20847	Wisconsin Electric Power Co	Electric Utility	Twin Falls (MI)	MI	1784	3	1.3	Conventional Hydroelectric	WAT	HY
2016	8	20847	Wisconsin Electric Power Co	Electric Utility	Twin Falls (MI)	MI	1784	4	1.2	Conventional Hydroelectric	WAT	HY
2016	8	20847	Wisconsin Electric Power Co	Electric Utility	Twin Falls (MI)	MI	1784	5	1.2	Conventional Hydroelectric	WAT	HY
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	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	Dubuque	IA	1046	3	31.1	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	4	37.3	Other Natural Gas	NG	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
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	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
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	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT2	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	4	7490	Grand River Dam Authority	Electric Utility	GREC	OK	165	1	482.0	Conventional Steam Coal	SUB	ST
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	16.9	Petroleum Liquids	KER	GT
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	1	236.1	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	2	238.6	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	3	596.3	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	4	434.0	Petroleum Liquids	RFO	ST
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	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	3	103.8	Conventional Hydroelectric	WAT	HY
2017	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	4	103.8	Conventional Hydroelectric	WAT	HY
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	463	Ameresco LFG I Inc	IPP	Al Turi	NY	10549	3010	0.8	Landfill Gas	LFG	IC
2017	12	56730	Cedar Bay Operating Services LLC	Electric CHP	Cedar Bay Generating Company LP	FL	10672	GEN1	250.0	Conventional Steam Coal	BIT	ST
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	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT1	15.5	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT2	13.2	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT3	14.3	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT4	15.3	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	1	1.9	Petroleum Liquids	DFO	IC
2017	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	2	1.8	Petroleum Liquids	DFO	IC
2017	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	3	1.8	Petroleum Liquids	DFO	IC
2017	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT1	21.8	Petroleum Liquids	DFO	GT
2017	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT2	25.9	Petroleum Liquids	DFO	GT
2017	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	1	13.0	Other Natural Gas	NG	ST
2017	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	3	85.6	Other Natural Gas	NG	ST
2017	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	1	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	2	20.4	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	9417	Interstate Power and Light Co	Electric Utility	Hills	MN	1889	1	2.0	Petroleum Liquids	DFO	IC
2017	12	9417	Interstate Power and Light Co	Electric Utility	Hills	MN	1889	2	2.0	Petroleum Liquids	DFO	IC
2017	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	1	28.7	Other Natural Gas	NG	ST
2017	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	3	82.0	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
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	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	4	6455	Duke Energy Florida, Inc	Electric Utility	Crystal River	FL	628	1	370.0	Conventional Steam Coal	BIT	ST
2018	4	6455	Duke Energy Florida, Inc	Electric Utility	Crystal River	FL	628	2	499.0	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	294.9	Conventional Steam Coal	SUB	ST
2019	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	8	103.8	Conventional Hydroelectric	WAT	HY
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	56706	Chevron Technology Ventures	IPP	Questa Solar Facility	NM	57369	QST	1.0	Solar Photovoltaic	SUN	PV
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

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
2019	12	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	1	49.8	Conventional Steam Coal	SUB	ST
2019	12	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	2	47.1	Conventional Steam Coal	SUB	ST
2019	12	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
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	20856	Wisconsin Power & Light Co	Electric Utility	Rock River	WI	4057	3	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2019	12	20856	Wisconsin Power & Light Co	Electric Utility	Rock River	WI	4057	4	14.2	Natural Gas Fired Combustion Turbine	NG	GT
2019	12	20856	Wisconsin Power & Light Co	Electric Utility	Rock River	WI	4057	5	41.5	Natural Gas Fired Combustion Turbine	NG	GT
2019	12	20856	Wisconsin Power & Light Co	Electric Utility	Rock River	WI	4057	6	43.4	Natural Gas Fired Combustion Turbine	NG	GT
2019	12	20856	Wisconsin Power & Light Co	Electric Utility	Sheepskin	WI	4059	1	28.4	Natural Gas Fired Combustion Turbine	NG	GT
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	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	5	55.0	Conventional Steam Coal	SUB	ST
2020	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	6	55.0	Conventional Steam Coal	SUB	ST
2020	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	7	78.0	Conventional Steam Coal	SUB	ST
2020	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	8	78.0	Conventional Steam Coal	SUB	ST
2020	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	9	78.0	Conventional Steam Coal	SUB	ST
2020	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	1	76.0	Other Natural Gas	NG	ST
2020	6	58177	Raven Power Holdings LLC	IPP	C P Crane	MD	1552	1	190.0	Conventional Steam Coal	SUB	ST
2020	6	58177	Raven Power Holdings LLC	IPP	C P Crane	MD	1552	2	195.0	Conventional Steam Coal	SUB	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	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Lake Road (MO)	MO	2098	4	96.3	Conventional Steam Coal	SUB	ST
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	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	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	1	15248	Portland General Electric Co	Electric Utility	Boardman	OR	6106	1	585.0	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
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
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
2024	7	1951	White Pine Electric Power LLC	IPP	White Pine Electric Power	MI	10148	GEN1	18.0	Other Natural Gas	NG	ST
2024	7	1951	White Pine Electric Power LLC	IPP	White Pine Electric Power	MI	10148	GEN3	18.0	Other Natural Gas	NG	ST
2034	6	58944	Enerparc CA 1, LLC	IPP	Enerparc CA1 LLC	CA	59122	ECA11	1.5	Solar Photovoltaic	SUN	PV
2034	12	59384	Avalon Solar	IPP	Avalon Solar	AZ	59168	AS	29.0	Solar Photovoltaic	SUN	PV
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-April 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%
Year 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%
Year 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%
Year 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%
March	50.5%	50.5%	5.0%	8.4%	NA	8.8%	0.7%	8.1%
April	42.8%	47.5%	5.7%	9.9%	NA	12.5%	1.1%	6.9%

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-April 2015

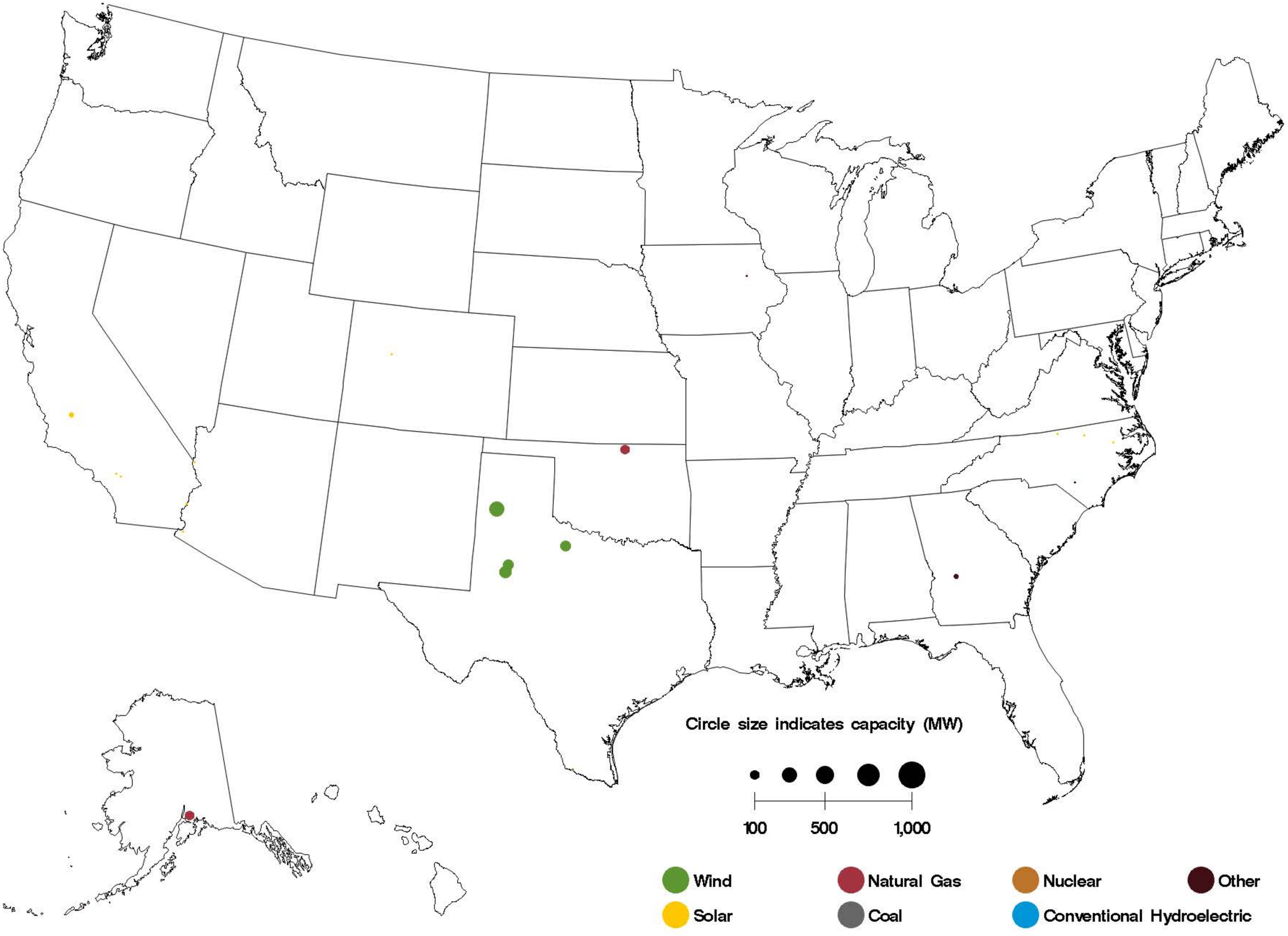
Period	Nuclear	Conventional Hydropower	Wind	Solar Photovoltaic	Solar Thermal	Landfill Gas and Muncipal Solid Waste	Other Biomass Including Wood	Geothermal
Annual Factors								
2013	89.9%	38.9%	32.4%	NA	NA	68.9%	56.7%	73.6%
2014	91.7%	37.5%	33.9%	27.8%	19.5%	68.9%	52.1%	68.8%
Year 2013								
January	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%
Year 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%
Year 2015								
January	101.2%	41.9%	31.4%	18.9%	4.6%	67.4%	46.0%	74.1%
February	95.8%	43.0%	34.2%	25.9%	15.5%	62.1%	55.6%	73.4%
March	87.9%	42.2%	31.5%	29.4%	23.6%	58.9%	49.0%	74.2%
April	84.1%	39.5%	37.6%	33.9%	31.8%	65.5%	40.8%	70.8%

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.

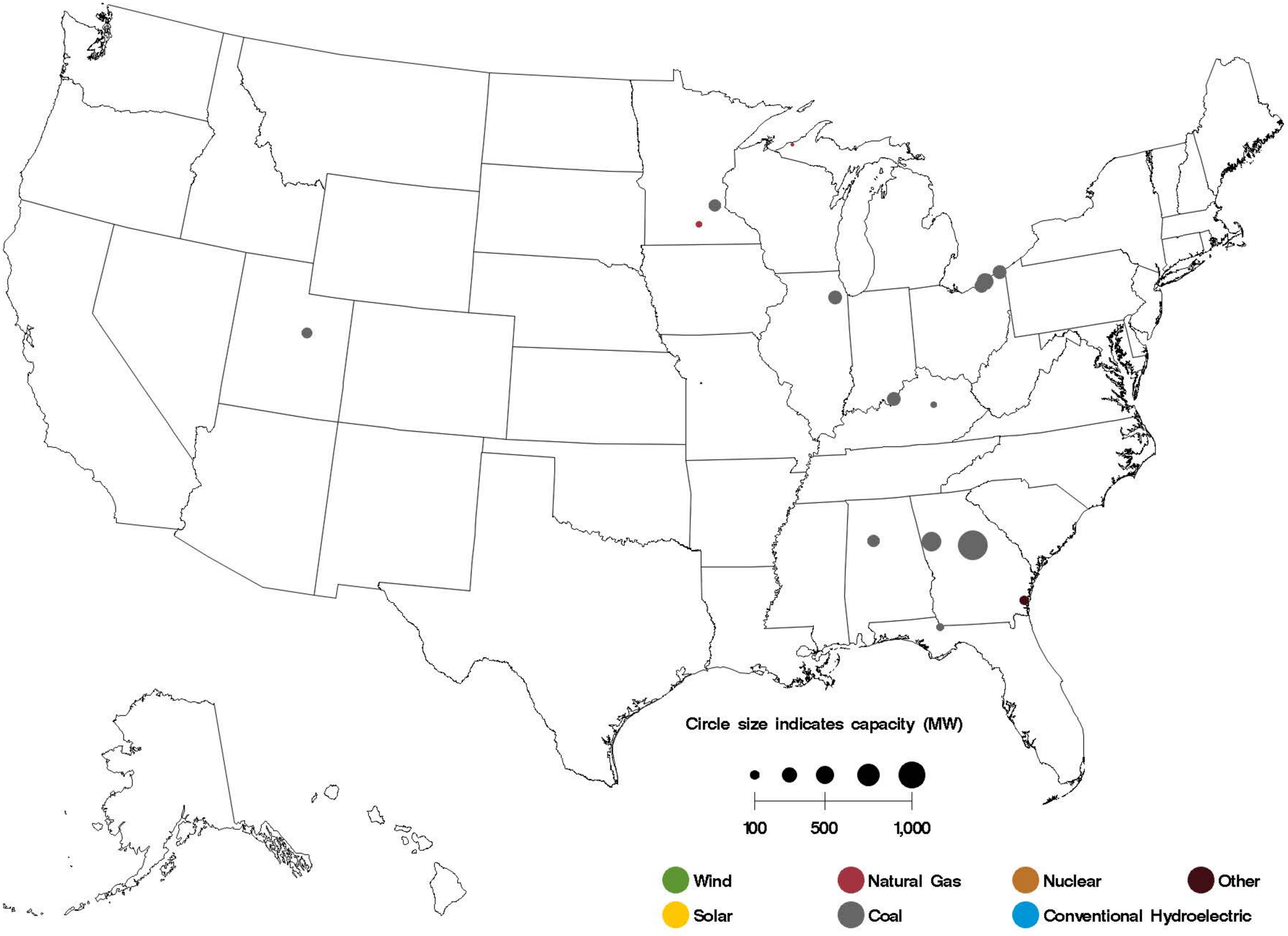
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

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



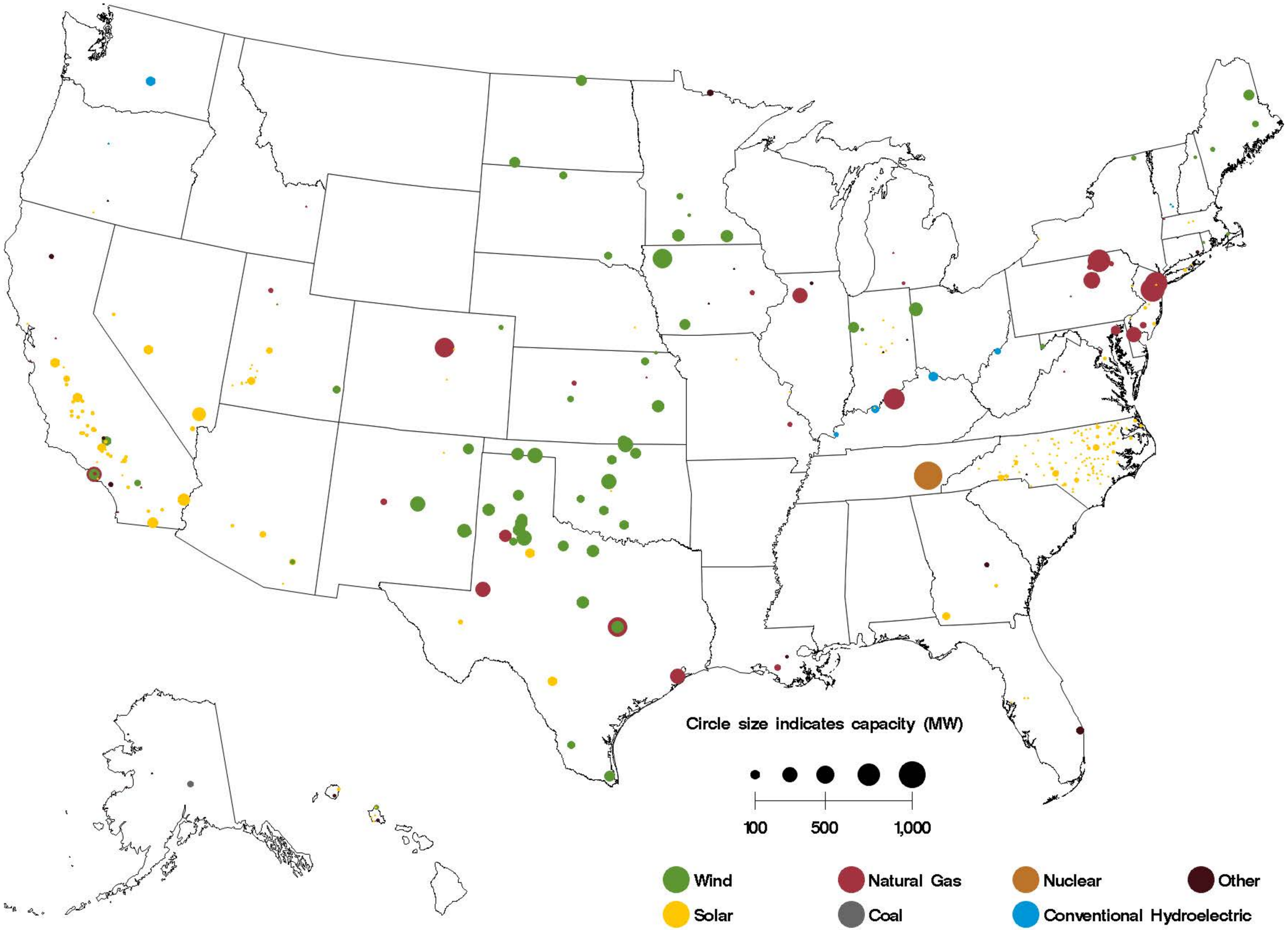
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

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



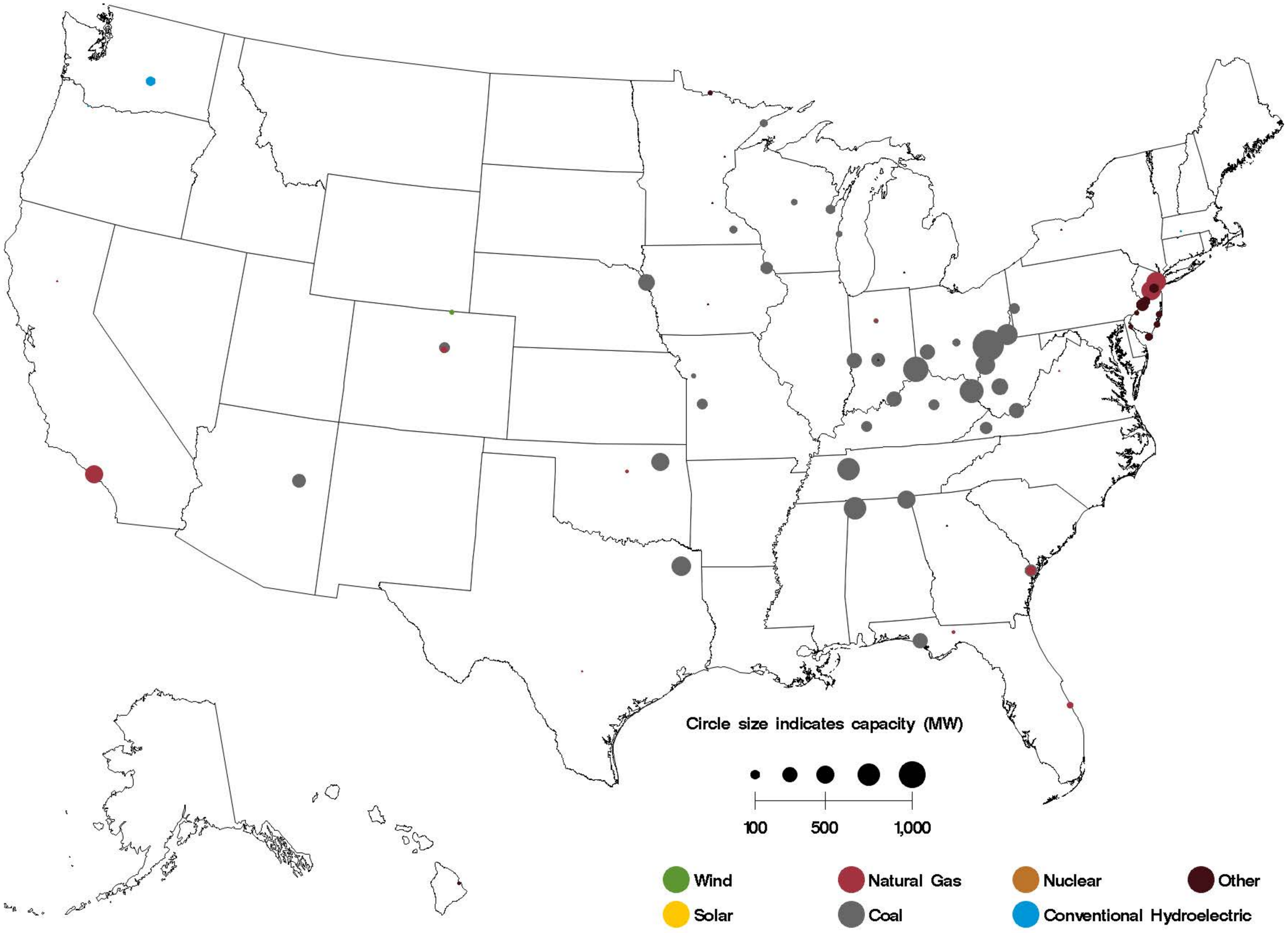
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.C. Utility Scale Generating Units Planned to Come Online from May 2015 to April 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 May 2015 to April 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, April 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**8**	**14**	**0**	**2**	**0**	**0**	**10**
Connecticut	0	9	0	3	0	0	55
Maine	0	67	0	15	0	0	14
Massachusetts	11	27	0	3	0	0	27
New Hampshire	0	45	0	2	0	0	12
Rhode Island	0	65	0	3	0	0	507
Vermont	0	272	0	0	0	0	31
Middle Atlantic	**2**	**15**	**110**	**2**	**21**	**0**	**3**
New Jersey	0	13	258	3	73	0	205
New York	13	14	0	3	0	0	3
Pennsylvania	3	28	121	2	17	0	7
East North Central	**1**	**2**	**7**	**1**	**10**	**0**	**17**
Illinois	0	5	0	5	62	0	78
Indiana	1	6	0	3	12	0	63
Michigan	2	3	19	2	0	0	29
Ohio	1	5	4	2	40	0	58
Wisconsin	1	14	0	2	0	0	25
West North Central	**1**	**15**	**174**	**5**	**146**	**0**	**5**
Iowa	4	11	174	14	0	0	43
Kansas	0	8	0	35	0	0	266
Minnesota	6	145	0	3	0	0	48
Missouri	1	6	0	13	0	0	11
Nebraska	3	43	0	11	0	0	32
North Dakota	3	12	0	58	146	0	0
South Dakota	0	47	0	0	0	0	0
South Atlantic	**1**	**5**	**0**	**0**	**0**	**0**	**5**
Delaware	0	389	0	4	0	0	0
District of Columbia	0	0	0	227	0	0	0
Florida	1	6	0	1	0	0	71
Georgia	0	17	0	1	0	0	14
Maryland	0	14	0	11	0	0	2
North Carolina	2	21	0	1	0	0	10
South Carolina	0	14	0	2	0	0	15
Virginia	11	21	0	1	0	0	21
West Virginia	0	0	0	2	0	0	16
East South Central	**1**	**9**	**0**	**1**	**167**	**0**	**4**
Alabama	1	45	0	2	225	0	4
Kentucky	1	4	0	6	0	0	6
Mississippi	0	8	0	2	0	0	0
Tennessee	0	3	0	3	0	0	8
West South Central	**0**	**2**	**6**	**1**	**5**	**0**	**7**
Arkansas	0	1	0	2	0	0	9
Louisiana	0	0	6	1	6	0	0
Oklahoma	1	279	0	1	0	0	12
Texas	0	8	44	1	8	0	29
Mountain	**1**	**4**	**0**	**1**	**8**	**0**	**3**
Arizona	0	2	0	1	0	0	2
Colorado	0	81	0	5	0	0	31
Idaho	99	605	0	5	0	0	7
Montana	8	22	0	68	0	0	4
Nevada	0	2	0	1	0	0	3
New Mexico	0	3	0	5	0	0	81
Utah	3	19	0	7	521	0	43
Wyoming	4	9	0	20	7	0	7
Pacific Contiguous	**16**	**37**	**666**	**2**	**10**	**0**	**1**
California	18	41	666	3	13	0	7
Oregon	0	342	0	1	0	0	3
Washington	0	66	0	6	0	0	1
Pacific Noncontiguous	**10**	**1**	**0**	**21**	**236**	**0**	**19**
Alaska	27	3	0	21	0	0	20
Hawaii	6	2	0	0	236	0	72
U.S. Total	**0**	**1**	**4**	**0**	**5**	**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, April 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**	**4**	**0**	**7**	**1**
Connecticut	0	0	0	79	7	0	12	2
Maine	0	0	0	0	2	0	17	6
Massachusetts	0	0	0	14	7	0	8	2
New Hampshire	0	0	0	0	17	0	57	2
Rhode Island	0	0	0	95	12	0	0	3
Vermont	0	0	0	42	20	0	0	21
Middle Atlantic	**0**	**0**	**0**	**10**	**2**	**0**	**6**	**1**
New Jersey	0	0	0	11	7	0	11	1
New York	0	0	0	22	2	0	10	1
Pennsylvania	0	0	0	27	2	0	7	1
East North Central	**0**	**0**	**0**	**18**	**1**	**0**	**9**	**0**
Illinois	0	0	0	28	1	0	33	0
Indiana	0	0	0	26	2	0	4	1
Michigan	0	0	0	0	4	0	14	1
Ohio	0	0	0	32	4	0	0	1
Wisconsin	0	0	0	249	7	0	41	1
West North Central	**0**	**0**	**0**	**77**	**1**	**0**	**13**	**1**
Iowa	0	0	0	0	0	0	0	2
Kansas	0	0	0	249	0	0	0	1
Minnesota	0	0	0	191	2	0	15	3
Missouri	0	0	0	90	3	0	0	1
Nebraska	0	0	0	0	1	0	0	2
North Dakota	0	0	0	0	1	0	76	2
South Dakota	0	0	0	0	1	0	0	0
South Atlantic	**0**	**0**	**0**	**8**	**2**	**0**	**4**	**0**
Delaware	0	0	0	33	24	0	0	4
District of Columbia	0	0	0	0	0	0	0	227
Florida	0	0	0	10	5	0	5	0
Georgia	0	0	0	26	5	0	0	1
Maryland	0	0	0	22	4	0	1	1
North Carolina	0	0	0	9	7	0	30	1
South Carolina	0	0	0	157	3	0	20	1
Virginia	0	0	0	0	4	0	9	1
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**35**	**5**	**0**	**38**	**1**
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	148	1
Tennessee	0	0	0	35	15	0	0	1
West South Central	**0**	**0**	**0**	**12**	**1**	**0**	**13**	**0**
Arkansas	0	0	0	0	5	0	0	1
Louisiana	0	0	0	0	10	0	14	1
Oklahoma	0	0	0	0	1	0	134	1
Texas	0	0	0	12	0	0	18	0
Mountain	**0**	**8**	**0**	**2**	**1**	**0**	**11**	**1**
Arizona	0	0	0	2	2	0	0	0
Colorado	0	0	0	11	1	0	68	1
Idaho	0	95	0	0	4	0	0	5
Montana	0	0	0	0	3	0	0	5
Nevada	0	8	0	3	5	0	97	1
New Mexico	0	189	0	9	3	0	151	2
Utah	0	13	0	114	6	0	251	3
Wyoming	0	0	0	0	2	0	0	3
Pacific Contiguous	**0**	**6**	**0**	**2**	**1**	**0**	**12**	**1**
California	0	6	0	2	2	0	14	1
Oregon	0	0	0	46	2	0	70	2
Washington	0	0	0	0	1	0	25	1
Pacific Noncontiguous	**0**	**41**	**0**	**41**	**9**	**0**	**0**	**5**
Alaska	0	0	0	0	27	0	0	12
Hawaii	0	41	0	41	10	0	0	2
U.S. Total	**0**	**6**	**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 April 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**8**	**14**	**0**	**2**	**0**	**0**	**10**
Connecticut	0	9	0	3	0	0	55
Maine	0	67	0	15	0	0	14
Massachusetts	11	27	0	3	0	0	27
New Hampshire	0	45	0	2	0	0	12
Rhode Island	0	65	0	3	0	0	507
Vermont	0	272	0	0	0	0	31
Middle Atlantic	**2**	**15**	**110**	**2**	**21**	**0**	**3**
New Jersey	0	13	258	3	73	0	205
New York	13	14	0	3	0	0	3
Pennsylvania	3	28	121	2	17	0	7
East North Central	**1**	**2**	**7**	**1**	**10**	**0**	**17**
Illinois	0	5	0	5	62	0	78
Indiana	1	6	0	3	12	0	63
Michigan	2	3	19	2	0	0	29
Ohio	1	5	4	2	40	0	58
Wisconsin	1	14	0	2	0	0	25
West North Central	**1**	**15**	**174**	**5**	**146**	**0**	**5**
Iowa	4	11	174	14	0	0	43
Kansas	0	8	0	35	0	0	266
Minnesota	6	145	0	3	0	0	48
Missouri	1	6	0	13	0	0	11
Nebraska	3	43	0	11	0	0	32
North Dakota	3	12	0	58	146	0	0
South Dakota	0	47	0	0	0	0	0
South Atlantic	**1**	**5**	**0**	**0**	**0**	**0**	**5**
Delaware	0	389	0	4	0	0	0
District of Columbia	0	0	0	227	0	0	0
Florida	1	6	0	1	0	0	71
Georgia	0	17	0	1	0	0	14
Maryland	0	14	0	11	0	0	2
North Carolina	2	21	0	1	0	0	10
South Carolina	0	14	0	2	0	0	15
Virginia	11	21	0	1	0	0	21
West Virginia	0	0	0	2	0	0	16
East South Central	**1**	**9**	**0**	**1**	**167**	**0**	**4**
Alabama	1	45	0	2	225	0	4
Kentucky	1	4	0	6	0	0	6
Mississippi	0	8	0	2	0	0	0
Tennessee	0	3	0	3	0	0	8
West South Central	**0**	**2**	**6**	**1**	**5**	**0**	**7**
Arkansas	0	1	0	2	0	0	9
Louisiana	0	0	6	1	6	0	0
Oklahoma	1	279	0	1	0	0	12
Texas	0	8	44	1	8	0	29
Mountain	**1**	**4**	**0**	**1**	**8**	**0**	**3**
Arizona	0	2	0	1	0	0	2
Colorado	0	81	0	5	0	0	31
Idaho	99	605	0	5	0	0	7
Montana	8	22	0	68	0	0	4
Nevada	0	2	0	1	0	0	3
New Mexico	0	3	0	5	0	0	81
Utah	3	19	0	7	521	0	43
Wyoming	4	9	0	20	7	0	7
Pacific Contiguous	**16**	**37**	**666**	**2**	**10**	**0**	**1**
California	18	41	666	3	13	0	7
Oregon	0	342	0	1	0	0	3
Washington	0	66	0	6	0	0	1
Pacific Noncontiguous	**10**	**1**	**0**	**21**	**236**	**0**	**19**
Alaska	27	3	0	21	0	0	20
Hawaii	6	2	0	0	236	0	72
U.S. Total	**0**	**1**	**4**	**0**	**5**	**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 April 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**	**4**	**0**	**7**	**1**
Connecticut	0	0	0	79	7	0	12	2
Maine	0	0	0	0	2	0	17	6
Massachusetts	0	0	0	14	7	0	8	2
New Hampshire	0	0	0	0	17	0	57	2
Rhode Island	0	0	0	95	12	0	0	3
Vermont	0	0	0	42	20	0	0	21
Middle Atlantic	**0**	**0**	**0**	**10**	**2**	**0**	**6**	**1**
New Jersey	0	0	0	11	7	0	11	1
New York	0	0	0	22	2	0	10	1
Pennsylvania	0	0	0	27	2	0	7	1
East North Central	**0**	**0**	**0**	**18**	**1**	**0**	**9**	**0**
Illinois	0	0	0	28	1	0	33	0
Indiana	0	0	0	26	2	0	4	1
Michigan	0	0	0	0	4	0	14	1
Ohio	0	0	0	32	4	0	0	1
Wisconsin	0	0	0	249	7	0	41	1
West North Central	**0**	**0**	**0**	**77**	**1**	**0**	**13**	**1**
Iowa	0	0	0	0	0	0	0	2
Kansas	0	0	0	249	0	0	0	1
Minnesota	0	0	0	191	2	0	15	3
Missouri	0	0	0	90	3	0	0	1
Nebraska	0	0	0	0	1	0	0	2
North Dakota	0	0	0	0	1	0	76	2
South Dakota	0	0	0	0	1	0	0	0
South Atlantic	**0**	**0**	**0**	**8**	**2**	**0**	**4**	**0**
Delaware	0	0	0	33	24	0	0	4
District of Columbia	0	0	0	0	0	0	0	227
Florida	0	0	0	10	5	0	5	0
Georgia	0	0	0	26	5	0	0	1
Maryland	0	0	0	22	4	0	1	1
North Carolina	0	0	0	9	7	0	30	1
South Carolina	0	0	0	157	3	0	20	1
Virginia	0	0	0	0	4	0	9	1
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**35**	**5**	**0**	**38**	**1**
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	148	1
Tennessee	0	0	0	35	15	0	0	1
West South Central	**0**	**0**	**0**	**12**	**1**	**0**	**13**	**0**
Arkansas	0	0	0	0	5	0	0	1
Louisiana	0	0	0	0	10	0	14	1
Oklahoma	0	0	0	0	1	0	134	1
Texas	0	0	0	12	0	0	18	0
Mountain	**0**	**8**	**0**	**2**	**1**	**0**	**11**	**1**
Arizona	0	0	0	2	2	0	0	0
Colorado	0	0	0	11	1	0	68	1
Idaho	0	95	0	0	4	0	0	5
Montana	0	0	0	0	3	0	0	5
Nevada	0	8	0	3	5	0	97	1
New Mexico	0	189	0	9	3	0	151	2
Utah	0	13	0	114	6	0	251	3
Wyoming	0	0	0	0	2	0	0	3
Pacific Contiguous	**0**	**6**	**0**	**2**	**1**	**0**	**12**	**1**
California	0	6	0	2	2	0	14	1
Oregon	0	0	0	46	2	0	70	2
Washington	0	0	0	0	1	0	25	1
Pacific Noncontiguous	**0**	**41**	**0**	**41**	**9**	**0**	**0**	**5**
Alaska	0	0	0	0	27	0	0	12
Hawaii	0	41	0	41	10	0	0	2
U.S. Total	**0**	**6**	**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, April 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**14**	**0**	**46**	**0**	**0**	**26**
Connecticut	0	50	0	0	0	0	186
Maine	0	247	0	0	0	0	0
Massachusetts	0	58	0	67	0	0	67
New Hampshire	0	3	0	0	0	0	20
Rhode Island	0	36	0	0	0	0	0
Vermont	0	164	0	0	0	0	50
Middle Atlantic	**723**	**15**	**0**	**11**	**0**	**0**	**1**
New Jersey	0	694	0	310	0	0	0
New York	723	15	0	11	0	0	2
Pennsylvania	0	187	0	1,138	0	0	4
East North Central	**1**	**3**	**0**	**2**	**0**	**0**	**18**
Illinois	0	19	0	68	0	0	163
Indiana	1	6	0	3	0	0	63
Michigan	2	3	0	3	0	0	31
Ohio	1	6	0	3	0	0	58
Wisconsin	1	7	0	3	0	0	27
West North Central	**1**	**6**	**0**	**6**	**0**	**0**	**5**
Iowa	4	11	0	14	0	0	43
Kansas	0	8	0	37	0	0	0
Minnesota	7	28	0	3	0	0	70
Missouri	1	6	0	43	0	0	11
Nebraska	3	43	0	0	0	0	32
North Dakota	3	6	0	0	0	0	0
South Dakota	0	48	0	0	0	0	0
South Atlantic	**0**	**4**	**0**	**0**	**0**	**0**	**7**
Delaware	0	951	0	408	0	0	0
Florida	1	5	0	0	0	0	71
Georgia	0	7	0	1	0	0	14
Maryland	0	26	0	0	0	0	0
North Carolina	0	8	0	1	0	0	11
South Carolina	0	20	0	2	0	0	15
Virginia	0	15	0	0	0	0	21
West Virginia	0	0	0	0	0	0	49
East South Central	**1**	**2**	**0**	**2**	**0**	**0**	**4**
Alabama	1	0	0	7	0	0	4
Kentucky	1	4	0	4	0	0	6
Mississippi	0	9	0	1	0	0	0
Tennessee	0	0	0	0	0	0	8
West South Central	**0**	**0**	**0**	**1**	**0**	**0**	**8**
Arkansas	0	2	0	8	0	0	9
Louisiana	0	0	0	1	0	0	0
Oklahoma	0	71	0	2	0	0	12
Texas	0	1	0	3	0	0	29
Mountain	**1**	**3**	**0**	**1**	**0**	**0**	**3**
Arizona	0	2	0	2	0	0	2
Colorado	0	81	0	4	0	0	32
Idaho	0	605	0	8	0	0	7
Montana	221	162	0	70	0	0	4
Nevada	0	3	0	0	0	0	1
New Mexico	0	2	0	9	0	0	81
Utah	3	13	0	4	0	0	43
Wyoming	3	7	0	299	0	0	7
Pacific Contiguous	**0**	**7**	**0**	**3**	**0**	**0**	**1**
California	0	4	0	5	0	0	6
Oregon	0	0	0	0	0	0	3
Washington	0	137	0	7	0	0	1
Pacific Noncontiguous	**0**	**2**	**0**	**21**	**0**	**0**	**20**
Alaska	0	3	0	21	0	0	20
Hawaii	0	2	0	0	0	0	262
U.S. Total	**0**	**1**	**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, April 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**	**79**	**6**	**0**	**0**	**17**
Connecticut	0	0	0	0	0	0	0	163
Maine	0	0	0	0	0	0	0	247
Massachusetts	0	0	0	79	36	0	0	46
New Hampshire	0	0	0	0	0	0	0	14
Rhode Island	0	0	0	0	0	0	0	36
Vermont	0	0	0	0	0	0	0	28
Middle Atlantic	**0**	**0**	**0**	**32**	**32**	**0**	**0**	**3**
New Jersey	0	0	0	32	32	0	0	30
New York	0	0	0	0	0	0	0	3
Pennsylvania	0	0	0	0	0	0	0	5
East North Central	**0**	**0**	**0**	**73**	**2**	**0**	**10**	**1**
Illinois	0	0	0	454	94	0	0	3
Indiana	0	0	0	144	15	0	0	1
Michigan	0	0	0	0	2	0	17	2
Ohio	0	0	0	75	49	0	0	1
Wisconsin	0	0	0	0	1	0	0	1
West North Central	**0**	**0**	**0**	**0**	**1**	**0**	**7**	**1**
Iowa	0	0	0	0	0	0	0	3
Kansas	0	0	0	0	0	0	0	2
Minnesota	0	0	0	0	4	0	0	4
Missouri	0	0	0	0	42	0	0	1
Nebraska	0	0	0	0	10	0	0	3
North Dakota	0	0	0	0	1	0	76	2
South Dakota	0	0	0	0	1	0	0	0
South Atlantic	**0**	**0**	**0**	**11**	**3**	**0**	**0**	**0**
Delaware	0	0	0	124	124	0	0	296
Florida	0	0	0	0	4	0	0	0
Georgia	0	0	0	106	106	0	0	0
Maryland	0	0	0	68	68	0	0	30
North Carolina	0	0	0	79	79	0	0	1
South Carolina	0	0	0	0	9	0	0	1
Virginia	0	0	0	0	1	0	0	1
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**0**	**26**	**0**	**0**	**1**
Alabama	0	0	0	0	0	0	0	1
Kentucky	0	0	0	0	26	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	1
Louisiana	0	0	0	0	0	0	0	1
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	0	2	0	0	1
Mountain	**0**	**0**	**0**	**9**	**3**	**0**	**89**	**1**
Arizona	0	0	0	9	9	0	0	0
Colorado	0	0	0	0	10	0	0	1
Idaho	0	0	0	0	5	0	0	6
Montana	0	0	0	0	0	0	0	9
Nevada	0	0	0	0	0	0	97	0
New Mexico	0	0	0	28	28	0	151	2
Utah	0	0	0	0	0	0	0	2
Wyoming	0	0	0	0	1	0	0	3
Pacific Contiguous	**0**	**0**	**0**	**13**	**1**	**0**	**0**	**1**
California	0	0	0	13	3	0	0	2
Oregon	0	0	0	79	1	0	0	2
Washington	0	0	0	0	1	0	0	1
Pacific Noncontiguous	**0**	**0**	**0**	**72**	**30**	**0**	**0**	**7**
Alaska	0	0	0	0	40	0	0	13
Hawaii	0	0	0	72	43	0	0	2
U.S. Total	**0**	**0**	**0**	**7**	**1**	**0**	**6**	**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 April 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**14**	**0**	**46**	**0**	**0**	**26**
Connecticut	0	50	0	0	0	0	186
Maine	0	247	0	0	0	0	0
Massachusetts	0	58	0	67	0	0	67
New Hampshire	0	3	0	0	0	0	20
Rhode Island	0	36	0	0	0	0	0
Vermont	0	164	0	0	0	0	50
Middle Atlantic	**723**	**15**	**0**	**11**	**0**	**0**	**1**
New Jersey	0	694	0	310	0	0	0
New York	723	15	0	11	0	0	2
Pennsylvania	0	187	0	1,138	0	0	4
East North Central	**1**	**3**	**0**	**2**	**0**	**0**	**18**
Illinois	0	19	0	68	0	0	163
Indiana	1	6	0	3	0	0	63
Michigan	2	3	0	3	0	0	31
Ohio	1	6	0	3	0	0	58
Wisconsin	1	7	0	3	0	0	27
West North Central	**1**	**6**	**0**	**6**	**0**	**0**	**5**
Iowa	4	11	0	14	0	0	43
Kansas	0	8	0	37	0	0	0
Minnesota	7	28	0	3	0	0	70
Missouri	1	6	0	43	0	0	11
Nebraska	3	43	0	0	0	0	32
North Dakota	3	6	0	0	0	0	0
South Dakota	0	48	0	0	0	0	0
South Atlantic	**0**	**4**	**0**	**0**	**0**	**0**	**7**
Delaware	0	951	0	408	0	0	0
Florida	1	5	0	0	0	0	71
Georgia	0	7	0	1	0	0	14
Maryland	0	26	0	0	0	0	0
North Carolina	0	8	0	1	0	0	11
South Carolina	0	20	0	2	0	0	15
Virginia	0	15	0	0	0	0	21
West Virginia	0	0	0	0	0	0	49
East South Central	**1**	**2**	**0**	**2**	**0**	**0**	**4**
Alabama	1	0	0	7	0	0	4
Kentucky	1	4	0	4	0	0	6
Mississippi	0	9	0	1	0	0	0
Tennessee	0	0	0	0	0	0	8
West South Central	**0**	**0**	**0**	**1**	**0**	**0**	**8**
Arkansas	0	2	0	8	0	0	9
Louisiana	0	0	0	1	0	0	0
Oklahoma	0	71	0	2	0	0	12
Texas	0	1	0	3	0	0	29
Mountain	**1**	**3**	**0**	**1**	**0**	**0**	**3**
Arizona	0	2	0	2	0	0	2
Colorado	0	81	0	4	0	0	32
Idaho	0	605	0	8	0	0	7
Montana	221	162	0	70	0	0	4
Nevada	0	3	0	0	0	0	1
New Mexico	0	2	0	9	0	0	81
Utah	3	13	0	4	0	0	43
Wyoming	3	7	0	299	0	0	7
Pacific Contiguous	**0**	**7**	**0**	**3**	**0**	**0**	**1**
California	0	4	0	5	0	0	6
Oregon	0	0	0	0	0	0	3
Washington	0	137	0	7	0	0	1
Pacific Noncontiguous	**0**	**2**	**0**	**21**	**0**	**0**	**20**
Alaska	0	3	0	21	0	0	20
Hawaii	0	2	0	0	0	0	262
U.S. Total	**0**	**1**	**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 April 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**	**79**	**6**	**0**	**0**	**17**
Connecticut	0	0	0	0	0	0	0	163
Maine	0	0	0	0	0	0	0	247
Massachusetts	0	0	0	79	36	0	0	46
New Hampshire	0	0	0	0	0	0	0	14
Rhode Island	0	0	0	0	0	0	0	36
Vermont	0	0	0	0	0	0	0	28
Middle Atlantic	**0**	**0**	**0**	**32**	**32**	**0**	**0**	**3**
New Jersey	0	0	0	32	32	0	0	30
New York	0	0	0	0	0	0	0	3
Pennsylvania	0	0	0	0	0	0	0	5
East North Central	**0**	**0**	**0**	**73**	**2**	**0**	**10**	**1**
Illinois	0	0	0	454	94	0	0	3
Indiana	0	0	0	144	15	0	0	1
Michigan	0	0	0	0	2	0	17	2
Ohio	0	0	0	75	49	0	0	1
Wisconsin	0	0	0	0	1	0	0	1
West North Central	**0**	**0**	**0**	**0**	**1**	**0**	**7**	**1**
Iowa	0	0	0	0	0	0	0	3
Kansas	0	0	0	0	0	0	0	2
Minnesota	0	0	0	0	4	0	0	4
Missouri	0	0	0	0	42	0	0	1
Nebraska	0	0	0	0	10	0	0	3
North Dakota	0	0	0	0	1	0	76	2
South Dakota	0	0	0	0	1	0	0	0
South Atlantic	**0**	**0**	**0**	**11**	**3**	**0**	**0**	**0**
Delaware	0	0	0	124	124	0	0	296
Florida	0	0	0	0	4	0	0	0
Georgia	0	0	0	106	106	0	0	0
Maryland	0	0	0	68	68	0	0	30
North Carolina	0	0	0	79	79	0	0	1
South Carolina	0	0	0	0	9	0	0	1
Virginia	0	0	0	0	1	0	0	1
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**0**	**26**	**0**	**0**	**1**
Alabama	0	0	0	0	0	0	0	1
Kentucky	0	0	0	0	26	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	1
Louisiana	0	0	0	0	0	0	0	1
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	0	2	0	0	1
Mountain	**0**	**0**	**0**	**9**	**3**	**0**	**89**	**1**
Arizona	0	0	0	9	9	0	0	0
Colorado	0	0	0	0	10	0	0	1
Idaho	0	0	0	0	5	0	0	6
Montana	0	0	0	0	0	0	0	9
Nevada	0	0	0	0	0	0	97	0
New Mexico	0	0	0	28	28	0	151	2
Utah	0	0	0	0	0	0	0	2
Wyoming	0	0	0	0	1	0	0	3
Pacific Contiguous	**0**	**0**	**0**	**13**	**1**	**0**	**0**	**1**
California	0	0	0	13	3	0	0	2
Oregon	0	0	0	79	1	0	0	2
Washington	0	0	0	0	1	0	0	1
Pacific Noncontiguous	**0**	**0**	**0**	**72**	**30**	**0**	**0**	**7**
Alaska	0	0	0	0	40	0	0	13
Hawaii	0	0	0	72	43	0	0	2
U.S. Total	**0**	**0**	**0**	**7**	**1**	**0**	**6**	**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, April 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**11**	**0**	**1**	**0**	**0**	**11**
Connecticut	0	6	0	2	0	0	58
Maine	0	8	0	1	0	0	16
Massachusetts	0	27	0	3	0	0	28
New Hampshire	0	355	0	0	0	0	14
Rhode Island	0	0	0	2	0	0	507
Vermont	0	0	0	0	0	0	39
Middle Atlantic	**2**	**26**	**0**	**1**	**0**	**0**	**11**
New Jersey	0	7	0	3	0	0	205
New York	0	108	0	3	0	0	16
Pennsylvania	3	29	0	2	0	0	14
East North Central	**0**	**2**	**0**	**1**	**14**	**0**	**58**
Illinois	0	0	0	3	0	0	73
Indiana	0	0	0	10	0	0	0
Michigan	11	5,835	0	2	0	0	95
Ohio	0	1	0	1	44	0	0
Wisconsin	0	460	0	0	0	0	117
West North Central	**178**	**499**	**0**	**3**	**0**	**0**	**78**
Iowa	0	136	0	0	0	0	469
Kansas	0	0	0	0	0	0	266
Minnesota	0	609	0	6	0	0	82
Missouri	178	0	0	4	0	0	0
South Dakota	0	197	0	0	0	0	0
South Atlantic	**3**	**17**	**0**	**2**	**0**	**0**	**5**
Delaware	0	400	0	4	0	0	0
Florida	0	67	0	9	0	0	0
Georgia	0	1,979	0	1	0	0	280
Maryland	0	9	0	8	0	0	2
North Carolina	50	246	0	0	0	0	140
South Carolina	0	284	0	14	0	0	114
Virginia	98	25	0	1	0	0	127
West Virginia	1	0	0	2	0	0	14
East South Central	**0**	**108**	**0**	**1**	**0**	**0**	**372**
Alabama	0	108	0	0	0	0	0
Kentucky	0	0	0	0	0	0	372
Mississippi	0	0	0	7	0	0	0
Tennessee	0	0	0	0	0	0	0
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**8**
Arkansas	0	0	0	0	0	0	178
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	2	0	0	0
Texas	0	0	0	0	0	0	195
Mountain	**9**	**33**	**0**	**3**	**0**	**0**	**9**
Arizona	0	0	0	1	0	0	0
Colorado	134	0	0	15	0	0	85
Idaho	0	0	0	6	0	0	27
Montana	7	12	0	270	0	0	9
Nevada	0	0	0	5	0	0	157
New Mexico	0	166	0	4	0	0	0
Utah	113	703	0	119	0	0	360
Wyoming	141	0	0	376	0	0	348
Pacific Contiguous	**136**	**87**	**666**	**2**	**0**	**0**	**32**
California	136	93	666	3	0	0	53
Oregon	0	0	0	1	0	0	60
Washington	0	90	0	0	0	0	50
Pacific Noncontiguous	**11**	**1**	**0**	**0**	**0**	**0**	**0**
Alaska	69	0	0	0	0	0	0
Hawaii	0	1	0	0	0	0	0
U.S. Total	**1**	**4**	**1**	**0**	**5**	**0**	**5**

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, April 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**	**5**	**0**	**7**	**1**
Connecticut	0	0	0	79	6	0	11	1
Maine	0	0	0	0	1	0	23	6
Massachusetts	0	0	0	14	7	0	8	2
New Hampshire	0	0	0	0	19	0	57	2
Rhode Island	0	0	0	95	10	0	0	2
Vermont	0	0	0	42	40	0	0	30
Middle Atlantic	**0**	**0**	**0**	**11**	**2**	**0**	**6**	**1**
New Jersey	0	0	0	13	8	0	16	1
New York	0	0	0	22	2	0	8	1
Pennsylvania	0	0	0	31	2	0	8	1
East North Central	**0**	**0**	**0**	**19**	**1**	**0**	**27**	**0**
Illinois	0	0	0	28	1	0	0	0
Indiana	0	0	0	26	1	0	0	2
Michigan	0	0	0	0	5	0	27	2
Ohio	0	0	0	36	4	0	0	1
Wisconsin	0	0	0	249	15	0	0	1
West North Central	**0**	**0**	**0**	**77**	**1**	**0**	**37**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	249	0	0	0	1
Minnesota	0	0	0	191	3	0	37	3
Missouri	0	0	0	90	2	0	0	3
Nebraska	0	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0	0
South Dakota	0	0	0	0	1	0	0	1
South Atlantic	**0**	**0**	**0**	**8**	**3**	**0**	**6**	**1**
Delaware	0	0	0	31	23	0	0	4
Florida	0	0	0	34	5	0	7	5
Georgia	0	0	0	28	15	0	0	2
Maryland	0	0	0	23	3	0	0	1
North Carolina	0	0	0	10	8	0	30	7
South Carolina	0	0	0	157	59	0	167	15
Virginia	0	0	0	0	7	0	0	8
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**35**	**12**	**0**	**0**	**1**
Alabama	0	0	0	0	7	0	0	0
Kentucky	0	0	0	0	0	0	0	45
Mississippi	0	0	0	0	74	0	0	4
Tennessee	0	0	0	35	19	0	0	19
West South Central	**0**	**0**	**0**	**12**	**0**	**0**	**182**	**0**
Arkansas	0	0	0	0	31	0	0	1
Louisiana	0	0	0	0	30	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	12	0	0	182	0
Mountain	**0**	**8**	**0**	**2**	**1**	**0**	**5**	**2**
Arizona	0	0	0	2	2	0	0	1
Colorado	0	0	0	11	1	0	81	3
Idaho	0	95	0	0	5	0	0	6
Montana	0	0	0	0	3	0	0	5
Nevada	0	8	0	3	5	0	0	4
New Mexico	0	189	0	9	3	0	0	3
Utah	0	24	0	114	7	0	251	31
Wyoming	0	0	0	0	3	0	0	36
Pacific Contiguous	**0**	**6**	**0**	**1**	**2**	**0**	**22**	**1**
California	0	6	0	1	2	0	24	2
Oregon	0	0	0	56	2	0	70	2
Washington	0	0	0	0	1	0	50	3
Pacific Noncontiguous	**0**	**41**	**0**	**47**	**12**	**0**	**0**	**5**
Alaska	0	0	0	0	46	0	0	54
Hawaii	0	41	0	47	12	0	0	4
U.S. Total	**0**	**6**	**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.3.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**11**	**0**	**1**	**0**	**0**	**11**
Connecticut	0	6	0	2	0	0	58
Maine	0	8	0	1	0	0	16
Massachusetts	0	27	0	3	0	0	28
New Hampshire	0	355	0	0	0	0	14
Rhode Island	0	0	0	2	0	0	507
Vermont	0	0	0	0	0	0	39
Middle Atlantic	**2**	**26**	**0**	**1**	**0**	**0**	**11**
New Jersey	0	7	0	3	0	0	205
New York	0	108	0	3	0	0	16
Pennsylvania	3	29	0	2	0	0	14
East North Central	**0**	**2**	**0**	**1**	**14**	**0**	**58**
Illinois	0	0	0	3	0	0	73
Indiana	0	0	0	10	0	0	0
Michigan	11	5,835	0	2	0	0	95
Ohio	0	1	0	1	44	0	0
Wisconsin	0	460	0	0	0	0	117
West North Central	**178**	**499**	**0**	**3**	**0**	**0**	**78**
Iowa	0	136	0	0	0	0	469
Kansas	0	0	0	0	0	0	266
Minnesota	0	609	0	6	0	0	82
Missouri	178	0	0	4	0	0	0
South Dakota	0	197	0	0	0	0	0
South Atlantic	**3**	**17**	**0**	**2**	**0**	**0**	**5**
Delaware	0	400	0	4	0	0	0
Florida	0	67	0	9	0	0	0
Georgia	0	1,979	0	1	0	0	280
Maryland	0	9	0	8	0	0	2
North Carolina	50	246	0	0	0	0	140
South Carolina	0	284	0	14	0	0	114
Virginia	98	25	0	1	0	0	127
West Virginia	1	0	0	2	0	0	14
East South Central	**0**	**108**	**0**	**1**	**0**	**0**	**372**
Alabama	0	108	0	0	0	0	0
Kentucky	0	0	0	0	0	0	372
Mississippi	0	0	0	7	0	0	0
Tennessee	0	0	0	0	0	0	0
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**8**
Arkansas	0	0	0	0	0	0	178
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	2	0	0	0
Texas	0	0	0	0	0	0	195
Mountain	**9**	**33**	**0**	**3**	**0**	**0**	**9**
Arizona	0	0	0	1	0	0	0
Colorado	134	0	0	15	0	0	85
Idaho	0	0	0	6	0	0	27
Montana	7	12	0	270	0	0	9
Nevada	0	0	0	5	0	0	157
New Mexico	0	166	0	4	0	0	0
Utah	113	703	0	119	0	0	360
Wyoming	141	0	0	376	0	0	348
Pacific Contiguous	**136**	**87**	**666**	**2**	**0**	**0**	**32**
California	136	93	666	3	0	0	53
Oregon	0	0	0	1	0	0	60
Washington	0	90	0	0	0	0	50
Pacific Noncontiguous	**11**	**1**	**0**	**0**	**0**	**0**	**0**
Alaska	69	0	0	0	0	0	0
Hawaii	0	1	0	0	0	0	0
U.S. Total	**1**	**4**	**1**	**0**	**5**	**0**	**5**

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 April 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**	**5**	**0**	**7**	**1**
Connecticut	0	0	0	79	6	0	11	1
Maine	0	0	0	0	1	0	23	6
Massachusetts	0	0	0	14	7	0	8	2
New Hampshire	0	0	0	0	19	0	57	2
Rhode Island	0	0	0	95	10	0	0	2
Vermont	0	0	0	42	40	0	0	30
Middle Atlantic	**0**	**0**	**0**	**11**	**2**	**0**	**6**	**1**
New Jersey	0	0	0	13	8	0	16	1
New York	0	0	0	22	2	0	8	1
Pennsylvania	0	0	0	31	2	0	8	1
East North Central	**0**	**0**	**0**	**19**	**1**	**0**	**27**	**0**
Illinois	0	0	0	28	1	0	0	0
Indiana	0	0	0	26	1	0	0	2
Michigan	0	0	0	0	5	0	27	2
Ohio	0	0	0	36	4	0	0	1
Wisconsin	0	0	0	249	15	0	0	1
West North Central	**0**	**0**	**0**	**77**	**1**	**0**	**37**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	249	0	0	0	1
Minnesota	0	0	0	191	3	0	37	3
Missouri	0	0	0	90	2	0	0	3
Nebraska	0	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0	0
South Dakota	0	0	0	0	1	0	0	1
South Atlantic	**0**	**0**	**0**	**8**	**3**	**0**	**6**	**1**
Delaware	0	0	0	31	23	0	0	4
Florida	0	0	0	34	5	0	7	5
Georgia	0	0	0	28	15	0	0	2
Maryland	0	0	0	23	3	0	0	1
North Carolina	0	0	0	10	8	0	30	7
South Carolina	0	0	0	157	59	0	167	15
Virginia	0	0	0	0	7	0	0	8
West Virginia	0	0	0	0	0	0	0	1
East South Central	**0**	**0**	**0**	**35**	**12**	**0**	**0**	**1**
Alabama	0	0	0	0	7	0	0	0
Kentucky	0	0	0	0	0	0	0	45
Mississippi	0	0	0	0	74	0	0	4
Tennessee	0	0	0	35	19	0	0	19
West South Central	**0**	**0**	**0**	**12**	**0**	**0**	**182**	**0**
Arkansas	0	0	0	0	31	0	0	1
Louisiana	0	0	0	0	30	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	12	0	0	182	0
Mountain	**0**	**8**	**0**	**2**	**1**	**0**	**5**	**2**
Arizona	0	0	0	2	2	0	0	1
Colorado	0	0	0	11	1	0	81	3
Idaho	0	95	0	0	5	0	0	6
Montana	0	0	0	0	3	0	0	5
Nevada	0	8	0	3	5	0	0	4
New Mexico	0	189	0	9	3	0	0	3
Utah	0	24	0	114	7	0	251	31
Wyoming	0	0	0	0	3	0	0	36
Pacific Contiguous	**0**	**6**	**0**	**1**	**2**	**0**	**22**	**1**
California	0	6	0	1	2	0	24	2
Oregon	0	0	0	56	2	0	70	2
Washington	0	0	0	0	1	0	50	3
Pacific Noncontiguous	**0**	**41**	**0**	**47**	**12**	**0**	**0**	**5**
Alaska	0	0	0	0	46	0	0	54
Hawaii	0	41	0	47	12	0	0	4
U.S. Total	**0**	**6**	**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.4.A. Relative Standard Error for Net Generation by Fuel Type: Commercial Sector by Census Division and State, April 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**43**	**0**	**46**	**0**	**0**	**445**
Connecticut	0	256	0	106	0	0	0
Maine	0	383	0	353	0	0	0
Massachusetts	0	42	0	38	0	0	445
New Hampshire	0	158	0	425	0	0	0
Rhode Island	0	162	0	274	0	0	0
Vermont	0	612	0	0	0	0	0
Middle Atlantic	**121**	**42**	**0**	**45**	**0**	**0**	**454**
New Jersey	0	172	0	134	0	0	0
New York	0	47	0	47	0	0	454
Pennsylvania	121	66	0	158	0	0	0
East North Central	**21**	**173**	**0**	**26**	**0**	**0**	**719**
Illinois	44	283	0	42	0	0	719
Indiana	205	1,163	0	100	0	0	0
Michigan	0	26	0	26	0	0	0
Ohio	0	294	0	130	0	0	0
Wisconsin	0	448	0	72	0	0	0
West North Central	**35**	**92**	**0**	**37**	**0**	**0**	**0**
Iowa	63	321	0	102	0	0	0
Minnesota	0	100	0	70	0	0	0
Missouri	0	622	0	0	0	0	0
Nebraska	0	0	0	1,254	0	0	0
North Dakota	0	498	0	0	0	0	0
South Dakota	0	746	0	0	0	0	0
South Atlantic	**43**	**100**	**0**	**73**	**0**	**0**	**216**
District of Columbia	0	0	0	227	0	0	0
Florida	0	0	0	220	0	0	0
Georgia	0	96	0	0	0	0	0
Maryland	314	117	0	85	0	0	0
North Carolina	0	361	0	0	0	0	217
South Carolina	0	312	0	428	0	0	569
Virginia	364	382	0	768	0	0	0
East South Central	**185**	**443**	**0**	**129**	**0**	**0**	**0**
Mississippi	0	0	0	308	0	0	0
Tennessee	185	443	0	141	0	0	0
West South Central	**0**	**142**	**0**	**37**	**0**	**0**	**0**
Arkansas	0	0	0	1,382	0	0	0
Louisiana	0	0	0	105	0	0	0
Oklahoma	0	11,311	0	276	0	0	0
Texas	0	141	0	38	0	0	0
Mountain	**0**	**558**	**0**	**49**	**0**	**0**	**391**
Arizona	0	628	0	80	0	0	0
Colorado	0	794	0	0	0	0	391
Nevada	0	0	0	113	0	0	0
New Mexico	0	0	0	104	0	0	0
Utah	0	0	0	103	0	0	0
Pacific Contiguous	**0**	**135**	**0**	**25**	**0**	**0**	**869**
California	0	163	0	26	0	0	869
Oregon	0	342	0	90	0	0	0
Washington	0	258	0	170	0	0	0
Pacific Noncontiguous	**21**	**38**	**0**	**305**	**0**	**0**	**0**
Alaska	21	99	0	305	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**15**	**28**	**0**	**14**	**0**	**0**	**161**

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, April 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**	**142**	**27**	**0**	**48**	**29**
Connecticut	0	0	0	0	76	0	99	83
Maine	0	0	0	0	40	0	54	41
Massachusetts	0	0	0	142	63	0	0	32
New Hampshire	0	0	0	0	58	0	0	96
Rhode Island	0	0	0	0	123	0	0	176
Vermont	0	0	0	0	400	0	0	352
Middle Atlantic	**0**	**0**	**0**	**24**	**10**	**0**	**15**	**19**
New Jersey	0	0	0	24	14	0	0	27
New York	0	0	0	227	25	0	37	29
Pennsylvania	0	0	0	95	9	0	0	44
East North Central	**0**	**0**	**0**	**115**	**15**	**0**	**21**	**18**
Illinois	0	0	0	0	199	0	0	37
Indiana	0	0	0	0	81	0	122	73
Michigan	0	0	0	0	13	0	19	13
Ohio	0	0	0	115	115	0	0	126
Wisconsin	0	0	0	0	121	0	0	66
West North Central	**0**	**0**	**0**	**0**	**31**	**0**	**99**	**21**
Iowa	0	0	0	0	68	0	0	44
Minnesota	0	0	0	0	53	0	99	47
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	94	0	0	102
North Dakota	0	0	0	0	0	0	0	498
South Dakota	0	0	0	0	0	0	0	746
South Atlantic	**0**	**0**	**0**	**36**	**15**	**0**	**21**	**27**
Delaware	0	0	0	0	148	0	0	148
District of Columbia	0	0	0	0	0	0	0	227
Florida	0	0	0	152	76	0	0	135
Georgia	0	0	0	115	68	0	0	65
Maryland	0	0	0	134	83	0	646	75
North Carolina	0	0	0	39	30	0	0	23
South Carolina	0	0	0	0	0	0	0	344
Virginia	0	0	0	0	15	0	21	14
East South Central	**0**	**0**	**0**	**134**	**134**	**0**	**0**	**112**
Mississippi	0	0	0	0	0	0	0	308
Tennessee	0	0	0	134	134	0	0	121
West South Central	**0**	**0**	**0**	**132**	**53**	**0**	**0**	**34**
Arkansas	0	0	0	0	167	0	0	274
Louisiana	0	0	0	0	0	0	0	105
Oklahoma	0	0	0	0	0	0	0	276
Texas	0	0	0	132	55	0	0	35
Mountain	**0**	**0**	**0**	**27**	**27**	**0**	**0**	**36**
Arizona	0	0	0	46	46	0	0	66
Colorado	0	0	0	54	52	0	0	80
Idaho	0	0	0	0	0	0	0	0
Nevada	0	0	0	40	40	0	0	63
New Mexico	0	0	0	0	198	0	0	98
Utah	0	0	0	0	0	0	0	103
Pacific Contiguous	**0**	**0**	**0**	**25**	**10**	**0**	**0**	**14**
California	0	0	0	25	10	0	0	14
Oregon	0	0	0	0	79	0	0	70
Washington	0	0	0	0	226	0	0	145
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**9**	**0**	**0**	**8**
Alaska	0	0	0	0	59	0	0	21
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**14**	**6**	**0**	**10**	**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.

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**43**	**0**	**46**	**0**	**0**	**445**
Connecticut	0	256	0	106	0	0	0
Maine	0	383	0	353	0	0	0
Massachusetts	0	42	0	38	0	0	445
New Hampshire	0	158	0	425	0	0	0
Rhode Island	0	162	0	274	0	0	0
Vermont	0	612	0	0	0	0	0
Middle Atlantic	**121**	**42**	**0**	**45**	**0**	**0**	**454**
New Jersey	0	172	0	134	0	0	0
New York	0	47	0	47	0	0	454
Pennsylvania	121	66	0	158	0	0	0
East North Central	**21**	**173**	**0**	**26**	**0**	**0**	**719**
Illinois	44	283	0	42	0	0	719
Indiana	205	1,163	0	100	0	0	0
Michigan	0	26	0	26	0	0	0
Ohio	0	294	0	130	0	0	0
Wisconsin	0	448	0	72	0	0	0
West North Central	**35**	**92**	**0**	**37**	**0**	**0**	**0**
Iowa	63	321	0	102	0	0	0
Minnesota	0	100	0	70	0	0	0
Missouri	0	622	0	0	0	0	0
Nebraska	0	0	0	1,254	0	0	0
North Dakota	0	498	0	0	0	0	0
South Dakota	0	746	0	0	0	0	0
South Atlantic	**43**	**100**	**0**	**73**	**0**	**0**	**216**
District of Columbia	0	0	0	227	0	0	0
Florida	0	0	0	220	0	0	0
Georgia	0	96	0	0	0	0	0
Maryland	314	117	0	85	0	0	0
North Carolina	0	361	0	0	0	0	217
South Carolina	0	312	0	428	0	0	569
Virginia	364	382	0	768	0	0	0
East South Central	**185**	**443**	**0**	**129**	**0**	**0**	**0**
Mississippi	0	0	0	308	0	0	0
Tennessee	185	443	0	141	0	0	0
West South Central	**0**	**142**	**0**	**37**	**0**	**0**	**0**
Arkansas	0	0	0	1,382	0	0	0
Louisiana	0	0	0	105	0	0	0
Oklahoma	0	11,311	0	276	0	0	0
Texas	0	141	0	38	0	0	0
Mountain	**0**	**558**	**0**	**49**	**0**	**0**	**391**
Arizona	0	628	0	80	0	0	0
Colorado	0	794	0	0	0	0	391
Nevada	0	0	0	113	0	0	0
New Mexico	0	0	0	104	0	0	0
Utah	0	0	0	103	0	0	0
Pacific Contiguous	**0**	**135**	**0**	**25**	**0**	**0**	**869**
California	0	163	0	26	0	0	869
Oregon	0	342	0	90	0	0	0
Washington	0	258	0	170	0	0	0
Pacific Noncontiguous	**21**	**38**	**0**	**305**	**0**	**0**	**0**
Alaska	21	99	0	305	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**15**	**28**	**0**	**14**	**0**	**0**	**161**

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 April 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**	**142**	**27**	**0**	**48**	**29**
Connecticut	0	0	0	0	76	0	99	83
Maine	0	0	0	0	40	0	54	41
Massachusetts	0	0	0	142	63	0	0	32
New Hampshire	0	0	0	0	58	0	0	96
Rhode Island	0	0	0	0	123	0	0	176
Vermont	0	0	0	0	400	0	0	352
Middle Atlantic	**0**	**0**	**0**	**24**	**10**	**0**	**15**	**19**
New Jersey	0	0	0	24	14	0	0	27
New York	0	0	0	227	25	0	37	29
Pennsylvania	0	0	0	95	9	0	0	44
East North Central	**0**	**0**	**0**	**115**	**15**	**0**	**21**	**18**
Illinois	0	0	0	0	199	0	0	37
Indiana	0	0	0	0	81	0	122	73
Michigan	0	0	0	0	13	0	19	13
Ohio	0	0	0	115	115	0	0	126
Wisconsin	0	0	0	0	121	0	0	66
West North Central	**0**	**0**	**0**	**0**	**31**	**0**	**99**	**21**
Iowa	0	0	0	0	68	0	0	44
Minnesota	0	0	0	0	53	0	99	47
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	94	0	0	102
North Dakota	0	0	0	0	0	0	0	498
South Dakota	0	0	0	0	0	0	0	746
South Atlantic	**0**	**0**	**0**	**36**	**15**	**0**	**21**	**27**
Delaware	0	0	0	0	148	0	0	148
District of Columbia	0	0	0	0	0	0	0	227
Florida	0	0	0	152	76	0	0	135
Georgia	0	0	0	115	68	0	0	65
Maryland	0	0	0	134	83	0	646	75
North Carolina	0	0	0	39	30	0	0	23
South Carolina	0	0	0	0	0	0	0	344
Virginia	0	0	0	0	15	0	21	14
East South Central	**0**	**0**	**0**	**134**	**134**	**0**	**0**	**112**
Mississippi	0	0	0	0	0	0	0	308
Tennessee	0	0	0	134	134	0	0	121
West South Central	**0**	**0**	**0**	**132**	**53**	**0**	**0**	**34**
Arkansas	0	0	0	0	167	0	0	274
Louisiana	0	0	0	0	0	0	0	105
Oklahoma	0	0	0	0	0	0	0	276
Texas	0	0	0	132	55	0	0	35
Mountain	**0**	**0**	**0**	**27**	**27**	**0**	**0**	**36**
Arizona	0	0	0	46	46	0	0	66
Colorado	0	0	0	54	52	0	0	80
Idaho	0	0	0	0	0	0	0	0
Nevada	0	0	0	40	40	0	0	63
New Mexico	0	0	0	0	198	0	0	98
Utah	0	0	0	0	0	0	0	103
Pacific Contiguous	**0**	**0**	**0**	**25**	**10**	**0**	**0**	**14**
California	0	0	0	25	10	0	0	14
Oregon	0	0	0	0	79	0	0	70
Washington	0	0	0	0	226	0	0	145
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**9**	**0**	**0**	**8**
Alaska	0	0	0	0	59	0	0	21
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**14**	**6**	**0**	**10**	**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.

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**112**	**177**	**0**	**45**	**0**	**0**	**31**
Connecticut	0	1,382	0	78	0	0	0
Maine	0	100	0	57	0	0	30
Massachusetts	174	1,115	0	139	0	0	517
New Hampshire	0	232	0	340	0	0	0
Middle Atlantic	**20**	**6**	**110**	**44**	**21**	**0**	**144**
New Jersey	0	420	258	91	73	0	0
New York	0	1	0	91	0	0	144
Pennsylvania	32	84	121	55	17	0	0
East North Central	**9**	**18**	**55**	**30**	**14**	**0**	**86**
Illinois	12	0	0	89	62	0	0
Indiana	167	6	0	47	12	0	0
Michigan	63	55	151	33	0	0	220
Ohio	17	70	432	163	81	0	0
Wisconsin	14	311	0	54	0	0	93
West North Central	**15**	**176**	**227**	**57**	**146**	**0**	**109**
Iowa	15	301	227	81	0	0	0
Kansas	0	0	0	128	0	0	0
Minnesota	35	228	0	72	0	0	109
Missouri	0	0	0	600	0	0	0
Nebraska	49	0	0	322	0	0	0
North Dakota	95	348	0	180	146	0	0
South Atlantic	**16**	**27**	**0**	**12**	**0**	**0**	**14**
Delaware	0	0	0	0	0	0	0
Florida	101	145	0	22	0	0	0
Georgia	28	62	0	35	0	0	243
Maryland	0	14,261	0	219	0	0	0
North Carolina	88	122	0	91	0	0	30
South Carolina	38	0	0	118	0	0	0
Virginia	32	136	0	34	0	0	322
West Virginia	0	0	0	853	0	0	7
East South Central	**6**	**114**	**0**	**13**	**167**	**0**	**26**
Alabama	45	122	0	24	225	0	0
Kentucky	0	0	0	100	0	0	0
Mississippi	0	0	0	13	0	0	0
Tennessee	2	291	0	46	0	0	26
West South Central	**52**	**60**	**57**	**3**	**10**	**0**	**0**
Arkansas	0	0	0	26	0	0	0
Louisiana	0	0	81	4	13	0	0
Oklahoma	64	581	0	145	0	0	0
Texas	0	402	44	4	15	0	0
Mountain	**21**	**616**	**0**	**16**	**9**	**0**	**0**
Colorado	425	670	0	0	0	0	0
Idaho	99	0	0	53	0	0	0
Montana	220	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0
New Mexico	0	613	0	0	0	0	0
Utah	0	856	0	46	521	0	0
Wyoming	45	1,290	0	13	7	0	0
Pacific Contiguous	**0**	**89**	**0**	**8**	**13**	**0**	**0**
California	0	225	0	8	13	0	0
Oregon	0	0	0	46	0	0	0
Washington	0	93	0	0	0	0	0
Pacific Noncontiguous	**189**	**18**	**0**	**102**	**236**	**0**	**166**
Alaska	0	18	0	102	0	0	0
Hawaii	189	24	0	0	236	0	166
U.S. Total	**6**	**12**	**33**	**3**	**7**	**0**	**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.

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

Industrial Sector by Census Division and State, April 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**	**6**	**0**	**20**	**16**
Connecticut	0	0	0	0	0	0	0	78
Maine	0	0	0	0	6	0	20	14
Massachusetts	0	0	0	0	184	0	0	113
New Hampshire	0	0	0	0	0	0	0	336
Middle Atlantic	**0**	**0**	**0**	**64**	**14**	**0**	**0**	**16**
New Jersey	0	0	0	177	177	0	0	65
New York	0	0	0	0	4	0	0	23
Pennsylvania	0	0	0	69	17	0	0	20
East North Central	**0**	**0**	**0**	**203**	**11**	**0**	**11**	**7**
Illinois	0	0	0	0	0	0	33	15
Indiana	0	0	0	0	59	0	0	10
Michigan	0	0	0	0	20	0	0	20
Ohio	0	0	0	203	17	0	0	24
Wisconsin	0	0	0	0	18	0	80	12
West North Central	**0**	**0**	**0**	**0**	**17**	**0**	**73**	**13**
Iowa	0	0	0	0	0	0	0	15
Kansas	0	0	0	0	0	0	0	128
Minnesota	0	0	0	0	17	0	73	20
Missouri	0	0	0	0	272	0	0	128
Nebraska	0	0	0	0	0	0	0	48
North Dakota	0	0	0	0	0	0	0	73
South Atlantic	**0**	**0**	**0**	**0**	**4**	**0**	**6**	**3**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	10	0	6	8
Georgia	0	0	0	0	6	0	0	6
Maryland	0	0	0	0	0	0	0	32
North Carolina	0	0	0	0	13	0	0	14
South Carolina	0	0	0	0	2	0	0	4
Virginia	0	0	0	0	7	0	0	9
West Virginia	0	0	0	0	0	0	0	6
East South Central	**0**	**0**	**0**	**0**	**6**	**0**	**38**	**5**
Alabama	0	0	0	0	9	0	0	9
Kentucky	0	0	0	0	6	0	0	31
Mississippi	0	0	0	0	5	0	148	7
Tennessee	0	0	0	0	19	0	0	9
West South Central	**0**	**0**	**0**	**0**	**7**	**0**	**13**	**3**
Arkansas	0	0	0	0	5	0	0	6
Louisiana	0	0	0	0	10	0	14	4
Oklahoma	0	0	0	0	33	0	134	35
Texas	0	0	0	0	15	0	17	3
Mountain	**0**	**0**	**0**	**124**	**4**	**0**	**90**	**9**
Colorado	0	0	0	0	200	0	90	81
Idaho	0	0	0	0	3	0	0	16
Montana	0	0	0	0	0	0	0	220
Nevada	0	0	0	124	124	0	0	13
New Mexico	0	0	0	0	0	0	0	613
Utah	0	0	0	0	0	0	0	18
Wyoming	0	0	0	0	0	0	0	14
Pacific Contiguous	**0**	**0**	**0**	**91**	**10**	**0**	**15**	**6**
California	0	0	0	91	26	0	17	7
Oregon	0	0	0	0	18	0	0	17
Washington	0	0	0	0	11	0	0	10
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**36**	**0**	**0**	**31**
Alaska	0	0	0	0	186	0	0	52
Hawaii	0	0	0	0	36	0	0	38
U.S. Total	**0**	**0**	**0**	**52**	**3**	**0**	**6**	**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 April 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**112**	**177**	**0**	**45**	**0**	**0**	**31**
Connecticut	0	1,382	0	78	0	0	0
Maine	0	100	0	57	0	0	30
Massachusetts	174	1,115	0	139	0	0	517
New Hampshire	0	232	0	340	0	0	0
Middle Atlantic	**20**	**6**	**110**	**44**	**21**	**0**	**144**
New Jersey	0	420	258	91	73	0	0
New York	0	1	0	91	0	0	144
Pennsylvania	32	84	121	55	17	0	0
East North Central	**9**	**18**	**55**	**30**	**14**	**0**	**86**
Illinois	12	0	0	89	62	0	0
Indiana	167	6	0	47	12	0	0
Michigan	63	55	151	33	0	0	220
Ohio	17	70	432	163	81	0	0
Wisconsin	14	311	0	54	0	0	93
West North Central	**15**	**176**	**227**	**57**	**146**	**0**	**109**
Iowa	15	301	227	81	0	0	0
Kansas	0	0	0	128	0	0	0
Minnesota	35	228	0	72	0	0	109
Missouri	0	0	0	600	0	0	0
Nebraska	49	0	0	322	0	0	0
North Dakota	95	348	0	180	146	0	0
South Atlantic	**16**	**27**	**0**	**12**	**0**	**0**	**14**
Delaware	0	0	0	0	0	0	0
Florida	101	145	0	22	0	0	0
Georgia	28	62	0	35	0	0	243
Maryland	0	14,261	0	219	0	0	0
North Carolina	88	122	0	91	0	0	30
South Carolina	38	0	0	118	0	0	0
Virginia	32	136	0	34	0	0	322
West Virginia	0	0	0	853	0	0	7
East South Central	**6**	**114**	**0**	**13**	**167**	**0**	**26**
Alabama	45	122	0	24	225	0	0
Kentucky	0	0	0	100	0	0	0
Mississippi	0	0	0	13	0	0	0
Tennessee	2	291	0	46	0	0	26
West South Central	**52**	**60**	**57**	**3**	**10**	**0**	**0**
Arkansas	0	0	0	26	0	0	0
Louisiana	0	0	81	4	13	0	0
Oklahoma	64	581	0	145	0	0	0
Texas	0	402	44	4	15	0	0
Mountain	**21**	**616**	**0**	**16**	**9**	**0**	**0**
Colorado	425	670	0	0	0	0	0
Idaho	99	0	0	53	0	0	0
Montana	220	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0
New Mexico	0	613	0	0	0	0	0
Utah	0	856	0	46	521	0	0
Wyoming	45	1,290	0	13	7	0	0
Pacific Contiguous	**0**	**89**	**0**	**8**	**13**	**0**	**0**
California	0	225	0	8	13	0	0
Oregon	0	0	0	46	0	0	0
Washington	0	93	0	0	0	0	0
Pacific Noncontiguous	**189**	**18**	**0**	**102**	**236**	**0**	**166**
Alaska	0	18	0	102	0	0	0
Hawaii	189	24	0	0	236	0	166
U.S. Total	**6**	**12**	**33**	**3**	**7**	**0**	**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.

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

Industrial Sector by Census Division and State, Year-to-Date through April 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**	**6**	**0**	**20**	**16**
Connecticut	0	0	0	0	0	0	0	78
Maine	0	0	0	0	6	0	20	14
Massachusetts	0	0	0	0	184	0	0	113
New Hampshire	0	0	0	0	0	0	0	336
Middle Atlantic	**0**	**0**	**0**	**64**	**14**	**0**	**0**	**16**
New Jersey	0	0	0	177	177	0	0	65
New York	0	0	0	0	4	0	0	23
Pennsylvania	0	0	0	69	17	0	0	20
East North Central	**0**	**0**	**0**	**203**	**11**	**0**	**11**	**7**
Illinois	0	0	0	0	0	0	33	15
Indiana	0	0	0	0	59	0	0	10
Michigan	0	0	0	0	20	0	0	20
Ohio	0	0	0	203	17	0	0	24
Wisconsin	0	0	0	0	18	0	80	12
West North Central	**0**	**0**	**0**	**0**	**17**	**0**	**73**	**13**
Iowa	0	0	0	0	0	0	0	15
Kansas	0	0	0	0	0	0	0	128
Minnesota	0	0	0	0	17	0	73	20
Missouri	0	0	0	0	272	0	0	128
Nebraska	0	0	0	0	0	0	0	48
North Dakota	0	0	0	0	0	0	0	73
South Atlantic	**0**	**0**	**0**	**0**	**4**	**0**	**6**	**3**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	10	0	6	8
Georgia	0	0	0	0	6	0	0	6
Maryland	0	0	0	0	0	0	0	32
North Carolina	0	0	0	0	13	0	0	14
South Carolina	0	0	0	0	2	0	0	4
Virginia	0	0	0	0	7	0	0	9
West Virginia	0	0	0	0	0	0	0	6
East South Central	**0**	**0**	**0**	**0**	**6**	**0**	**38**	**5**
Alabama	0	0	0	0	9	0	0	9
Kentucky	0	0	0	0	6	0	0	31
Mississippi	0	0	0	0	5	0	148	7
Tennessee	0	0	0	0	19	0	0	9
West South Central	**0**	**0**	**0**	**0**	**7**	**0**	**13**	**3**
Arkansas	0	0	0	0	5	0	0	6
Louisiana	0	0	0	0	10	0	14	4
Oklahoma	0	0	0	0	33	0	134	35
Texas	0	0	0	0	15	0	17	3
Mountain	**0**	**0**	**0**	**124**	**4**	**0**	**90**	**9**
Colorado	0	0	0	0	200	0	90	81
Idaho	0	0	0	0	3	0	0	16
Montana	0	0	0	0	0	0	0	220
Nevada	0	0	0	124	124	0	0	13
New Mexico	0	0	0	0	0	0	0	613
Utah	0	0	0	0	0	0	0	18
Wyoming	0	0	0	0	0	0	0	14
Pacific Contiguous	**0**	**0**	**0**	**91**	**10**	**0**	**15**	**6**
California	0	0	0	91	26	0	17	7
Oregon	0	0	0	0	18	0	0	17
Washington	0	0	0	0	11	0	0	10
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**36**	**0**	**0**	**31**
Alaska	0	0	0	0	186	0	0	52
Hawaii	0	0	0	0	36	0	0	38
U.S. Total	**0**	**0**	**0**	**52**	**3**	**0**	**6**	**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, April 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**4**	**1**	**5**	**0**	**2**
Connecticut	0	1	6	0	1
Maine	39	13	14	0	15
Massachusetts	1	1	9	0	1
New Hampshire	1	1	5	0	1
Rhode Island	0	0	0	0	0
Vermont	2	3	9	0	3
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	3	0	0
New York	0	0	3	0	0
Pennsylvania	0	0	1	0	0
East North Central	**0**	**1**	**1**	**0**	**0**
Illinois	1	1	2	0	1
Indiana	1	2	2	0	1
Michigan	1	2	2	0	1
Ohio	1	1	2	0	1
Wisconsin	1	3	3	0	2
West North Central	**1**	**2**	**2**	**0**	**1**
Iowa	2	7	3	0	2
Kansas	3	1	3	0	1
Minnesota	2	4	3	0	2
Missouri	1	1	6	0	2
Nebraska	2	7	5	0	3
North Dakota	2	4	6	0	3
South Dakota	3	9	7	0	4
South Atlantic	**1**	**0**	**1**	**0**	**0**
Delaware	1	2	9	0	2
District of Columbia	0	0	0	0	0
Florida	1	0	2	0	0
Georgia	2	1	2	0	1
Maryland	1	1	5	0	1
North Carolina	1	1	1	0	1
South Carolina	2	1	1	0	1
Virginia	1	0	2	0	0
West Virginia	0	1	0	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	2	1	1	0	1
Kentucky	2	2	3	0	2
Mississippi	2	1	2	0	1
Tennessee	1	2	5	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	**0**	**2**	**1**	**0**	**1**
Arizona	1	3	3	0	1
Colorado	1	5	5	0	2
Idaho	1	4	2	0	1
Montana	2	7	5	0	3
Nevada	1	3	1	0	1
New Mexico	2	8	6	0	4
Utah	2	5	2	0	2
Wyoming	2	6	2	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**1**
California	0	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 April 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**1**	**0**	**3**	**0**	**1**
Connecticut	0	1	4	0	1
Maine	8	3	4	0	4
Massachusetts	1	1	7	0	1
New Hampshire	1	1	4	0	1
Rhode Island	0	0	0	0	0
Vermont	3	3	7	0	2
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	1	0	2	0	0
New York	0	0	2	0	0
Pennsylvania	0	0	1	0	0
East North Central	**0**	**1**	**1**	**0**	**0**
Illinois	1	1	1	0	1
Indiana	1	1	2	0	1
Michigan	0	1	1	0	1
Ohio	1	1	2	0	1
Wisconsin	1	2	2	0	1
West North Central	**1**	**1**	**1**	**0**	**1**
Iowa	1	5	3	0	2
Kansas	2	1	2	0	1
Minnesota	1	3	3	0	1
Missouri	1	1	4	0	1
Nebraska	1	5	4	0	2
North Dakota	1	3	5	0	2
South Dakota	2	7	6	0	3
South Atlantic	**0**	**0**	**1**	**0**	**0**
Delaware	4	3	7	0	3
District of Columbia	7	2	9	0	2
Florida	1	0	2	0	0
Georgia	1	1	1	0	1
Maryland	1	1	4	0	1
North Carolina	1	1	1	0	1
South Carolina	1	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	1	1	1	0	1
Kentucky	2	2	3	0	1
Mississippi	2	1	2	0	1
Tennessee	1	1	4	0	1
West South Central	**1**	**0**	**1**	**0**	**0**
Arkansas	2	1	2	0	1
Louisiana	1	1	1	0	1
Oklahoma	2	1	2	0	1
Texas	1	0	1	0	0
Mountain	**0**	**1**	**1**	**0**	**1**
Arizona	1	2	2	0	1
Colorado	1	4	3	0	2
Idaho	1	3	2	0	1
Montana	1	5	4	0	2
Nevada	1	3	1	0	1
New Mexico	2	6	5	0	3
Utah	2	4	1	0	2
Wyoming	1	5	2	0	2
Pacific Contiguous	**0**	**1**	**1**	**0**	**0**
California	0	1	1	0	1
Oregon	1	3	4	0	2
Washington	1	3	3	0	1
Pacific Noncontiguous	**1**	**3**	**2**	**0**	**1**
Alaska	2	7	6	0	3
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, April 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**2**	**1**	**3**	**0**	**1**
Connecticut	0	1	5	0	1
Maine	20	6	8	0	11
Massachusetts	1	1	4	0	1
New Hampshire	0	1	4	0	1
Rhode Island	0	12	0	0	6
Vermont	2	4	7	0	2
Middle Atlantic	**0**	**1**	**2**	**0**	**0**
New Jersey	0	0	3	0	0
New York	0	0	2	0	0
Pennsylvania	0	2	3	0	1
East North Central	**0**	**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	4	0	1
Wisconsin	1	2	4	0	1
West North Central	**1**	**1**	**3**	**0**	**1**
Iowa	2	6	6	0	3
Kansas	2	2	4	0	1
Minnesota	2	3	5	0	2
Missouri	2	2	6	0	1
Nebraska	2	6	8	0	3
North Dakota	2	3	7	0	3
South Dakota	3	7	10	0	3
South Atlantic	**0**	**0**	**1**	**0**	**0**
Delaware	2	3	10	0	2
District of Columbia	0	0	0	0	0
Florida	1	1	3	0	0
Georgia	1	1	3	0	1
Maryland	1	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	1	1	0	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	1	1	2	0	1
Kentucky	2	3	3	0	1
Mississippi	2	2	4	0	1
Tennessee	1	2	5	0	1
West South Central	**1**	**1**	**1**	**0**	**0**
Arkansas	2	2	3	0	1
Louisiana	1	1	1	0	1
Oklahoma	2	2	4	0	1
Texas	1	1	2	0	1
Mountain	**1**	**2**	**2**	**0**	**1**
Arizona	1	2	5	0	1
Colorado	2	5	7	0	3
Idaho	1	3	3	0	1
Montana	3	5	10	0	3
Nevada	1	17	1	0	5
New Mexico	3	8	11	0	4
Utah	2	6	3	0	3
Wyoming	3	5	3	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**1**
California	1	1	2	0	1
Oregon	1	3	7	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 April 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**2**	**0**	**0**
Connecticut	0	1	4	0	0
Maine	4	2	2	0	2
Massachusetts	1	1	3	0	1
New Hampshire	0	1	3	0	0
Rhode Island	0	9	0	0	4
Vermont	2	2	5	0	2
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	1	0	2	0	1
New York	0	0	1	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	5	0	2
Kansas	2	1	3	0	1
Minnesota	1	3	4	0	1
Missouri	2	1	4	0	1
Nebraska	2	5	6	0	2
North Dakota	1	3	5	0	2
South Dakota	2	5	8	0	2
South Atlantic	**1**	**0**	**1**	**6**	**0**
Delaware	5	3	7	0	3
District of Columbia	10	2	5	11	3
Florida	1	1	2	0	0
Georgia	2	1	2	0	1
Maryland	2	1	2	0	1
North Carolina	1	1	2	0	1
South Carolina	1	1	2	0	1
Virginia	1	0	2	0	0
West Virginia	0	1	0	0	0
East South Central	**1**	**1**	**1**	**0**	**1**
Alabama	1	1	1	0	1
Kentucky	2	2	3	0	1
Mississippi	2	2	3	0	1
Tennessee	1	2	4	0	1
West South Central	**1**	**1**	**1**	**0**	**0**
Arkansas	2	2	2	0	1
Louisiana	2	1	1	0	1
Oklahoma	2	2	3	0	1
Texas	1	1	1	0	1
Mountain	**1**	**2**	**2**	**0**	**1**
Arizona	1	2	3	0	1
Colorado	2	4	5	0	2
Idaho	1	3	3	0	1
Montana	2	4	8	0	2
Nevada	1	15	1	0	4
New Mexico	3	6	8	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	3	6	0	1
Washington	1	2	5	0	1
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	2	5	8	0	3
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**1**	**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, April 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**2**	**1**	**3**	**0**	**1**
Connecticut	0	1	5	0	1
Maine	20	11	9	0	7
Massachusetts	1	0	5	0	1
New Hampshire	0	0	2	0	1
Rhode Island	0	12	0	0	6
Vermont	2	2	3	0	2
Middle Atlantic	**0**	**1**	**1**	**0**	**0**
New Jersey	0	0	1	0	0
New York	0	0	1	0	0
Pennsylvania	0	2	3	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	0	0	1	0	0
Indiana	1	1	1	0	1
Michigan	0	1	2	0	0
Ohio	1	1	2	0	1
Wisconsin	1	1	2	0	1
West North Central	**0**	**1**	**2**	**0**	**0**
Iowa	1	2	3	0	1
Kansas	2	1	3	0	1
Minnesota	1	1	3	0	1
Missouri	1	1	2	0	1
Nebraska	1	2	4	0	1
North Dakota	1	1	3	0	1
South Dakota	1	3	5	0	2
South Atlantic	**0**	**0**	**1**	**0**	**0**
Delaware	1	2	4	0	1
District of Columbia	0	0	0	0	0
Florida	0	1	2	0	0
Georgia	1	1	2	0	1
Maryland	1	1	2	0	0
North Carolina	1	1	2	0	1
South Carolina	1	1	1	0	1
Virginia	1	1	2	0	0
West Virginia	0	0	0	0	0
East South Central	**1**	**1**	**1**	**0**	**0**
Alabama	1	1	1	0	1
Kentucky	1	1	1	0	1
Mississippi	2	2	3	0	1
Tennessee	1	1	2	0	1
West South Central	**1**	**1**	**1**	**0**	**0**
Arkansas	1	2	2	0	1
Louisiana	1	1	1	0	1
Oklahoma	1	1	3	0	1
Texas	1	1	1	0	0
Mountain	**0**	**2**	**1**	**0**	**1**
Arizona	0	1	3	0	0
Colorado	1	1	4	0	1
Idaho	1	1	1	0	1
Montana	1	2	7	0	1
Nevada	0	16	1	0	5
New Mexico	1	2	6	0	1
Utah	1	1	2	0	1
Wyoming	1	2	2	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	1	4	0	1
Washington	0	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 April 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**1**	**1**	**3**	**0**	**1**
Connecticut	0	1	5	0	1
Maine	4	3	4	0	2
Massachusetts	1	1	6	0	1
New Hampshire	1	1	4	0	1
Rhode Island	0	9	0	0	4
Vermont	3	3	7	0	2
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	1	0	2	0	0
New York	0	0	2	0	0
Pennsylvania	0	2	2	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	3	0	1
West North Central	**1**	**1**	**2**	**0**	**1**
Iowa	1	5	4	0	2
Kansas	2	1	3	0	1
Minnesota	1	3	4	0	2
Missouri	2	1	5	0	1
Nebraska	2	6	6	0	3
North Dakota	1	3	6	0	2
South Dakota	2	7	8	0	3
South Atlantic	**1**	**0**	**1**	**6**	**0**
Delaware	3	3	8	0	3
District of Columbia	6	2	10	11	2
Florida	1	1	2	0	0
Georgia	1	1	2	0	1
Maryland	1	1	4	0	1
North Carolina	1	1	2	0	1
South Carolina	1	1	2	0	1
Virginia	1	0	2	0	0
West Virginia	0	1	0	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	1	1	1	0	1
Kentucky	2	2	3	0	1
Mississippi	2	2	3	0	1
Tennessee	1	2	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**	**2**	**0**	**1**
Arizona	1	2	3	0	1
Colorado	2	4	5	0	2
Idaho	1	3	3	0	1
Montana	2	5	8	0	2
Nevada	1	15	1	0	5
New Mexico	2	7	8	0	3
Utah	2	5	2	0	2
Wyoming	2	5	2	0	2
Pacific Contiguous	**0**	**1**	**2**	**0**	**1**
California	0	1	2	0	1
Oregon	1	3	6	0	2
Washington	1	3	4	0	1
Pacific Noncontiguous	**1**	**3**	**2**	**0**	**1**
Alaska	2	7	8	0	3
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**1**	**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	Memphis Light Gas and Water Division	SERC	Tennessee	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	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	02/06/2015 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
2015	3	03/15/2015 3:30 PM	03/15/2015 7:00 PM	3 Hours, 30 Minutes	Portland General Electric Co	WECC	Greater Portland & Salem , Oregon	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather - Wind	210	71000
2015	3	03/26/2015 3:21 PM	03/26/2015 4:59 PM	1 Hours, 38 Minutes	Pacific Gas & Electric Co	WECC	Contra Costa County, California	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational - System Operations	15	Unknown
2015	4	04/03/2015 2:00 AM	04/03/2015 7:48 AM	5 Hours, 48 Minutes	Westar Energy Inc	SPP	Harvey, Reno, and Sedgwick Counties, Kansas	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather - Thunderstorms	Unknown	70000
2015	4	04/06/2015 8:12 AM	04/06/2015 12:08 PM	3 Hours, 56 Minutes	Pacific Gas & Electric Co	WECC	Butte County, California	Loss of electric service to more than 50,000 customers for 1 hour or more - System Operations	Unknown	80000
2015	4	04/07/2015 12:30 PM	04/07/2015 5:34 PM	5 Hours, 4 Minutes	Potomac Electric Power Co	RFC	Unknown	Uncontrolled loss of 300 Megawatts or more of firm system loads for more than 15 minutes from a single incident - System Operations	Unknown	Unknown
2015	4	04/07/2015 3:34 PM	04/07/2015 3:46 PM	0 Hours, 12 Minutes	WAPA Sierra Nevada Region	WECC	California	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational - System Operations	0	0
2015	4	04/17/2015 9:16 AM	04/17/2015 11:00 AM	1 Hours, 44 Minutes	Peak Reliability	WECC	Canada	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational - System Operations	9300	Unknown
2015	4	04/17/2015 9:30 PM	04/19/2015 11:50 PM	50 Hours, 20 Minutes	CenterPoint Energy	TRE	Houston, Texas	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	280982
2015	4	04/18/2015 9:00 PM	04/21/2015 4:00 AM	55 Hours, 0 Minutes	Oncor Electric Delivery Company LLC	TRE	Dallas, Fort Worth, Texas	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	89000
2015	4	04/24/2015 7:10 PM	04/26/2015 4:00 PM	44 Hours, 50 Minutes	Oncor Electric Delivery Company LLC	TRE	Dallas, Fort Worth, Texas	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	57000
2015	4	04/27/2015 10:30 AM	04/28/2015 6:45 PM	32 Hours, 15 Minutes	Entergy Services, Inc.	SERC	Louisiana and Texas	Loss of electric service to more than 50,000 customers for 1 hour or more - Severe Weather	Unknown	199000

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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	04/29/2014 11:30 PM	04/29/2014 12:30 PM	-11 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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	Britisch 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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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	. .	. Hours, . Minutes	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, April 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	24.96	5.96	--	1.03
Connecticut	--	5.67	--	1.03
Maine	24.82	6.21	--	1.02
Massachusetts	23.92	6.30	--	1.03
New Hampshire	25.77	5.80	--	1.03
Rhode Island	--	--	--	1.03
Vermont	--	--	--	--
Middle Atlantic	24.64	5.87	--	1.04
New Jersey	25.54	5.81	--	1.04
New York	20.20	6.02	--	1.03
Pennsylvania	24.84	5.81	--	1.04
East North Central	19.99	5.79	27.36	1.05
Illinois	17.65	5.79	--	1.00
Indiana	22.27	5.77	--	1.06
Michigan	18.71	5.87	26.30	1.03
Ohio	24.41	5.74	28.00	1.08
Wisconsin	18.03	5.84	27.85	1.04
West North Central	16.70	5.79	--	1.05
Iowa	17.50	5.82	--	1.06
Kansas	17.07	5.79	--	1.05
Minnesota	17.64	5.78	--	1.06
Missouri	17.64	5.77	--	1.03
Nebraska	16.87	--	--	1.06
North Dakota	13.23	5.83	--	1.00
South Dakota	--	--	--	1.06
South Atlantic	23.56	5.88	29.16	1.03
Delaware	25.93	5.67	--	1.05
District of Columbia	--	--	--	--
Florida	23.60	5.79	29.16	1.02
Georgia	19.93	5.82	29.17	1.03
Maryland	24.88	5.79	--	1.04
North Carolina	24.83	5.78	--	1.04
South Carolina	24.94	5.81	--	1.03
Virginia	24.89	5.96	--	1.05
West Virginia	24.60	5.76	--	1.07
East South Central	20.94	5.82	28.13	1.03
Alabama	19.84	5.82	--	1.03
Kentucky	22.10	5.84	28.13	1.02
Mississippi	12.35	5.81	--	1.04
Tennessee	22.33	5.76	--	1.01
West South Central	16.12	5.85	28.24	1.03
Arkansas	17.65	5.88	--	1.04
Louisiana	17.46	5.89	28.24	1.03
Oklahoma	17.21	--	--	1.05
Texas	15.55	5.81	--	1.03
Mountain	18.62	5.72	--	1.04
Arizona	18.87	5.72	--	1.04
Colorado	18.29	5.70	--	1.07
Idaho	--	--	--	1.02
Montana	16.78	5.92	--	--
Nevada	19.16	5.75	--	1.04
New Mexico	17.90	5.66	--	1.03
Utah	21.97	5.81	--	1.04
Wyoming	17.42	5.88	--	1.03
Pacific Contiguous	18.25	--	--	1.03
California	23.75	--	--	1.03
Oregon	--	--	--	1.04
Washington	16.77	--	--	1.07
Pacific Noncontiguous	19.94	6.15	--	1.01
Alaska	--	--	--	1.01
Hawaii	19.94	6.15	--	--
U.S. Total	19.42	6.02	28.20	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%	1.13%
Commercial	0.24%	0.20%	0.65%
Industrial	0.58%	0.20%	2.80%
Transportation	0.29%	1.09%	4.07%
Total	**0.31%**	**0.13%**	**1.25%**
Average Retail Price			
Residential	0.66%	0.10%	0.87%
Commercial	0.79%	0.27%	0.24%
Industrial	1.02%	0.39%	0.34%
Transportation	1.08%	1.57%	2.70%
Total	**0.90%**	**0.21%**	**0.35%**
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	1,394,890	0.27%
Commercial	1,319,288	1,328,057	0.66%	1,323,844	1,327,101	0.25%	1,338,448	1,344,192	0.43%
Industrial	975,569	991,316	1.61%	980,837	985,714	0.50%	954,725	978,356	2.48%
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**	**3,725,064**	**0.90%**
Revenue (Million Dollars)									
Residential	167,930	166,714	-0.72%	163,352	163,280	-0.04%	168,546	170,466	1.14%
Commercial	136,138	135,927	-0.16%	133,908	133,898	-0.01%	137,778	138,679	0.65%
Industrial	67,212	67,606	0.59%	65,691	65,761	0.11%	65,111	66,934	2.80%
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**	**376,884**	**1.26%**
Average Retail Price (Cents/kWh)									
Residential	11.80	11.72	-0.66%	11.88	11.88	-0.04%	12.12	12.22	0.86%
Commercial	10.32	10.24	-0.81%	10.12	10.09	-0.25%	10.29	10.32	0.22%
Industrial	6.89	6.82	-1.01%	6.70	6.67	-0.39%	6.82	6.84	0.32%
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**	**10.12**	**0.35%**
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, (C_3H_8). 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.