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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	Charlene Harris-Russell
Sampling and estimation methodologies	James Knaub, Jr.

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

Preface

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

Background

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

Data sources

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

Table of Contents

Contacts

- Quality

Preface

- Background
- Data Sources
- Table and Figure Index

References

Glossary

Table and Figure Index

Executive Summary

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

Chapter 1. Net Generation

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

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

Chapter 2. Consumption of Fossil Fuels

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

Chapter 3. Fossil-Fuel Stocks for Electricity Generation

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

Chapter 4. Receipts and Cost of Fossil Fuels

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

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

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

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

Chapter 6. Capacity

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

Appendices

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

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

Table ES1.A. Total Electric Power Industry Summary Statistics, 2014 and 2013

Net Generation and Consumption of Fuels for January											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
Net Generation (Thousand Megawatthours)											
Coal	157,699	138,265	14.1%	118,921	103,667	37,449	33,501	105	76	1,225	1,020
Petroleum Liquids	5,945	1,661	257.9%	2,476	982	3,245	588	NM	NM	98	58
Petroleum Coke	1,184	1,047	13.1%	949	700	111	158	1	1	124	188
Natural Gas	90,489	88,012	2.8%	38,954	36,940	43,495	42,880	564	558	7,476	7,634
Other Gas	947	998	-5.1%	12	0	292	244	0	0	643	755
Nuclear	73,064	71,406	2.3%	38,748	36,748	34,316	34,658	0	0	0	0
Hydroelectric Conventional	21,616	25,114	-13.9%	19,194	22,730	2,073	2,064	NM	NM	344	317
Renewable Sources Excluding Hydroelectric	25,378	21,452	18.3%	3,337	2,908	19,335	15,829	245	220	2,461	2,495
... Wind	17,989	14,633	22.9%	2,812	2,468	15,165	12,159	NM	NM	NM	NM
... Solar Thermal and Photovoltaic	774	319	143.0%	55	37	699	271	19	NM	NM	NM
... Wood and Wood-Derived Fuels	3,635	3,424	6.2%	263	185	1,001	831	NM	NM	2,367	2,406
... Other Biomass	1,583	1,632	-3.0%	108	119	1,173	1,224	213	202	89	86
... Geothermal	1,396	1,443	-3.2%	98	99	1,298	1,344	0	0	0	0
Hydroelectric Pumped Storage	-263	-463	-43.1%	-192	-401	-72	-61	0	0	0	0
Other Energy Sources	960	998	-3.8%	28	33	518	548	91	88	323	328
All Energy Sources	377,019	348,490	8.2%	222,427	204,308	140,762	130,408	1,137	980	12,694	12,795
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	83,710	74,985	11.6%	62,409	55,784	20,839	18,811	34	31	429	359
Petroleum Liquids (1000 barrels)	10,375	2,814	268.7%	4,600	1,735	5,466	967	NM	NM	100	59
Petroleum Coke (1000 tons)	446	382	16.7%	349	253	55	70	0	0	42	59
Natural Gas (1000 Mcf)	689,214	660,483	4.3%	307,815	288,189	322,713	311,941	5,216	5,215	53,470	55,139
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	1,700	1,688	0.7%	0	0	211	203	115	117	1,374	1,369
Petroleum Liquids (1000 barrels)	676	283	138.8%	0	0	172	60	NM	NM	404	199
Petroleum Coke (1000 tons)	84	143	-41.1%	0	0	9	10	2	2	74	131
Natural Gas (1000 Mcf)	83,127	79,175	5.0%	0	0	30,995	28,632	4,491	4,177	47,641	46,366
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	85,411	76,673	11.4%	62,409	55,784	21,050	19,014	149	148	1,803	1,728
Petroleum Liquids (1000 barrels)	11,051	3,097	256.8%	4,600	1,735	5,638	1,027	NM	NM	504	258
Petroleum Coke (1000 tons)	530	525	1.0%	349	253	64	80	2	2	116	190
Natural Gas (1000 Mcf)	772,340	739,658	4.4%	307,815	288,189	353,708	340,572	9,707	9,392	101,110	101,505
Fuel Stocks (end-of-month)											
Coal (1000 tons)	134,765	181,243	-25.6%	107,330	145,522	24,993	33,224	254	430	2,188	2,067
Petroleum Liquids (1000 barrels)	29,207	34,065	-14.3%	19,870	23,229	6,900	7,934	358	553	2,079	2,350
Petroleum Coke (1000 tons)	617	991	-37.7%	216	358	82	84	W	W	W	W

Sales, Revenue, and Average Retail Price for January									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	January 2014	January 2013	Percentage Change	January 2014	January 2013	Percentage Change	January 2014	January 2013	Percentage Change
Residential	146,435	131,354	11.5%	17,060	15,068	13.2%	11.65	11.47	1.6%
Commercial	114,230	107,400	6.4%	11,808	10,515	12.3%	10.34	9.79	5.6%
Industrial	77,616	78,141	-0.7%	5,403	5,040	7.2%	6.96	6.45	7.9%
Transportation	724	656	10.4%	75	67	11.1%	10.29	10.24	0.5%
All Sectors	339,006	317,551	6.8%	34,346	30,690	11.9%	10.13	9.66	4.9%

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.
Sources: U.S. Energy Information Administration, Form EIA-826, 'Monthly Electric Sales and Revenue With State Distributions Report.'
U.S. Energy Information Administration, Form EIA-923, 'Power Plant Operations Report.'

Table ES1.B. Total Electric Power Industry Summary Statistics, Year-to-Date 2014 and 2013

Net Generation and Consumption of Fuels for January											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
Net Generation (Thousand Megawatthours)											
Coal	157,699	138,265	14.1%	118,921	103,667	37,449	33,501	105	76	1,225	1,020
Petroleum Liquids	5,945	1,661	257.9%	2,476	982	3,245	588	NM	NM	98	58
Petroleum Coke	1,184	1,047	13.1%	949	700	111	158	1	1	124	188
Natural Gas	90,489	88,012	2.8%	38,954	36,940	43,495	42,880	564	558	7,476	7,634
Other Gas	947	998	-5.1%	12	0	292	244	0	0	643	755
Nuclear	73,064	71,406	2.3%	38,748	36,748	34,316	34,658	0	0	0	0
Hydroelectric Conventional	21,616	25,114	-13.9%	19,194	22,730	2,073	2,064	NM	NM	344	317
Renewable Sources Excluding Hydroelectric	25,378	21,452	18.3%	3,337	2,908	19,335	15,829	245	220	2,461	2,495
... Wind	17,989	14,633	22.9%	2,812	2,468	15,165	12,159	NM	NM	NM	NM
... Solar Thermal and Photovoltaic	774	319	143.0%	55	37	699	271	19	NM	NM	NM
... Wood and Wood-Derived Fuels	3,635	3,424	6.2%	263	185	1,001	831	NM	NM	2,367	2,406
... Other Biomass	1,583	1,632	-3.0%	108	119	1,173	1,224	213	202	89	86
... Geothermal	1,396	1,443	-3.2%	98	99	1,298	1,344	0	0	0	0
Hydroelectric Pumped Storage	-263	-463	-43.1%	-192	-401	-72	-61	0	0	0	0
Other Energy Sources	960	998	-3.8%	28	33	518	548	91	88	323	328
All Energy Sources	377,019	348,490	8.2%	222,427	204,308	140,762	130,408	1,137	980	12,694	12,795
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	83,710	74,985	11.6%	62,409	55,784	20,839	18,811	34	31	429	359
Petroleum Liquids (1000 barrels)	10,375	2,814	268.7%	4,600	1,735	5,466	967	NM	NM	100	59
Petroleum Coke (1000 tons)	446	382	16.7%	349	253	55	70	0	0	42	59
Natural Gas (1000 Mcf)	689,214	660,483	4.3%	307,815	288,189	322,713	311,941	5,216	5,215	53,470	55,139
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	1,700	1,688	0.7%	0	0	211	203	115	117	1,374	1,369
Petroleum Liquids (1000 barrels)	676	283	138.8%	0	0	172	60	NM	NM	404	199
Petroleum Coke (1000 tons)	84	143	-41.1%	0	0	9	10	2	2	74	131
Natural Gas (1000 Mcf)	83,127	79,175	5.0%	0	0	30,995	28,632	4,491	4,177	47,641	46,366
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	85,411	76,673	11.4%	62,409	55,784	21,050	19,014	149	148	1,803	1,728
Petroleum Liquids (1000 barrels)	11,051	3,097	256.8%	4,600	1,735	5,638	1,027	NM	NM	504	258
Petroleum Coke (1000 tons)	530	525	1.0%	349	253	64	80	2	2	116	190
Natural Gas (1000 Mcf)	772,340	739,658	4.4%	307,815	288,189	353,708	340,572	9,707	9,392	101,110	101,505

Sales, Revenue, and Average Retail Price for January									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	Percentage Change
Residential	146,435	131,354	11.5%	17,060	15,068	13.2%	11.65	11.47	1.6%
Commercial	114,230	107,400	6.4%	11,808	10,515	12.3%	10.34	9.79	5.6%
Industrial	77,616	78,141	-0.7%	5,403	5,040	7.2%	6.96	6.45	7.9%
Transportation	724	656	10.4%	75	67	11.1%	10.29	10.24	0.5%
All Sectors	339,006	317,551	6.8%	34,346	30,690	11.9%	10.13	9.66	4.9%

YTD = Year to Date
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.
Sources: U.S. Energy Information Administration, Form EIA-826, 'Monthly Electric Sales and Revenue With State Distributions Report.'
U.S. Energy Information Administration, Form EIA-923, 'Power Plant Operations Report.'

Table ES2.A. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Physical Units, 2014 and 2013

Total (All Sectors)										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
Coal (1000 tons)	67,813	68,094	43.88	45.29	325	320	67,813	68,094	43.88	45.29
Petroleum Liquids (1000 barrels)	4,498	1,769	130.48	126.70	267	195	4,498	1,769	130.48	126.70
Petroleum Coke (1000 tons)	350	348	48.87	57.79	12	9	350	348	48.87	57.79
Natural Gas (1000 Mcf)	690,842	658,835	7.21	4.49	725	697	690,842	658,835	7.21	4.49

Electric Utilities										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
Coal (1000 tons)	47,957	49,199	44.54	46.24	227	224	47,957	49,199	44.54	46.24
Petroleum Liquids (1000 barrels)	2,016	1,236	129.65	127.14	161	125	2,016	1,236	129.65	127.14
Petroleum Coke (1000 tons)	309	237	48.60	56.67	8	5	309	237	48.60	56.67
Natural Gas (1000 Mcf)	301,321	282,814	6.34	4.46	369	357	301,321	282,814	6.34	4.46

Independent Power Producers										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
Coal (1000 tons)	19,088	18,161	41.36	41.69	77	75	19,088	18,161	41.36	41.69
Petroleum Liquids (1000 barrels)	2,432	489	131.48	126.71	92	57	2,432	489	131.48	126.71
Petroleum Coke (1000 tons)	33	52	W	0.00	2	1	33	52	W	0.00
Natural Gas (1000 Mcf)	327,554	315,935	8.73	4.68	314	297	327,554	315,935	8.73	4.68

Commercial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
Coal (1000 tons)	18	17	W	W	2	2	18	17	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)	400	327	W	W	2	2	400	327	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	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
Coal (1000 tons)	750	717	W	W	19	19	750	717	W	W
Petroleum Liquids (1000 barrels)	50	44	117.73	114.45	14	13	50	44	117.73	114.45
Petroleum Coke (1000 tons)	8	59	W	62.30	2	3	8	59	W	62.30
Natural Gas (1000 Mcf)	61,566	59,759	W	W	40	41	61,566	59,759	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.
Natural Gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.
Petroleum Coke includeds petroleum coke and synthesis gas derived from petroleum coke.
Note: Values are preliminary. Mcf = thousand cubic feet.
Source: U.S. Energy Information Administration, Form-923, 'Power Plant Operations Report.'

Table ES2.B. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, btus, 2014 and 2013

Total (All Sectors)										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
Coal	1,295,681	1,314,386	2.30	2.35	325	320	1,295,681	1,314,386	2.30	2.35
Petroleum Liquids	26,826	10,661	21.85	21.01	267	195	26,826	10,661	21.85	21.01
Petroleum Coke	9,894	9,901	1.73	2.02	12	9	9,894	9,901	1.73	2.02
Natural Gas	708,596	674,846	7.03	4.38	725	697	708,596	674,846	7.03	4.38
Fossil Fuels	2,040,997	2,009,794	4.09	3.09	946	908	2,040,997	2,009,794	4.09	3.09

Electric Utilities										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
Coal	926,836	956,945	2.30	2.38	227	224	926,836	956,945	2.30	2.38
Petroleum Liquids	12,029	7,457	21.72	21.07	161	125	12,029	7,457	21.72	21.07
Petroleum Coke	8,753	6,816	1.72	1.97	8	5	8,753	6,816	1.72	1.97
Natural Gas	308,366	288,755	6.20	4.37	369	357	308,366	288,755	6.20	4.37
Fossil Fuels	1,255,984	1,259,973	3.44	2.94	517	500	1,255,984	1,259,973	3.44	2.94

Independent Power Producers										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
Coal	351,567	340,941	2.25	2.22	77	75	351,567	340,941	2.25	2.22
Petroleum Liquids	14,487	2,933	22.03	21.08	92	57	14,487	2,933	22.03	21.08
Petroleum Coke	922	1,444	W	0.00	2	1	922	1,444	W	0.00
Natural Gas	336,351	324,443	8.50	4.56	314	297	336,351	324,443	8.50	4.56
Fossil Fuels	703,327	669,760	W	3.33	383	360	703,327	669,760	W	3.33

Commercial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
Coal	400	390	W	W	2	2	400	390	W	W
Petroleum Liquids	0	0	--	--	0	0	0	0	--	--
Petroleum Coke	0	0	--	--	0	0	0	0	--	--
Natural Gas	405	330	W	W	2	2	405	330	W	W
Fossil Fuels	805	720	W	W	2	2	805	720	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	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
Coal	16,877	16,110	W	W	19	19	16,877	16,110	W	W
Petroleum Liquids	310	271	19.16	18.59	14	13	310	271	19.16	18.59
Petroleum Coke	219	1,642	W	2.23	2	3	219	1,642	W	2.23
Natural Gas	63,475	61,318	W	W	40	41	63,475	61,318	W	W
Fossil Fuels	80,881	79,341	W	W	44	46	80,881	79,341	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.
Petroleum Coke includeds petroleum coke and synthesis gas derived from petroleum coke.
Note: Values are preliminary.
Source: U.S. Energy Information Administration, Form-923, 'Power Plant Operations Report.'

Table 1.1. Net Generation by Energy Source: Total (All Sectors), 2004-January 2014

(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											
2004	1,978,301	100,391	20,754	710,100	15,252	788,528	268,417	83,067	-8,488	14,232	3,970,555
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	1,585,998	13,410	13,453	1,113,665	12,271	789,017	269,136	253,328	-4,424	12,355	4,058,209
2012											
January	129,091	1,180	1,297	90,761	1,017	72,381	23,107	19,906	-348	1,137	339,528
February	113,872	908	994	90,610	1,044	63,847	20,283	16,996	-237	1,072	309,389
March	105,526	971	570	92,251	1,076	61,729	25,909	20,200	-281	1,140	309,091
April	96,285	965	538	94,829	1,057	55,871	26,294	18,563	-265	1,091	295,228
May	115,983	1,079	651	107,352	1,002	62,081	28,643	18,898	-371	1,200	336,518
June	131,261	1,306	762	115,598	972	65,140	26,659	18,470	-507	1,166	360,826
July	160,450	1,530	809	138,863	1,042	69,129	26,491	15,725	-619	1,218	414,640
August	152,181	1,202	916	131,736	1,050	69,602	23,034	15,330	-529	1,178	395,700
Sept	125,589	978	882	108,012	904	64,511	17,604	15,401	-431	1,135	334,585
October	120,999	1,061	744	91,725	895	59,743	16,501	19,225	-378	1,135	311,651
November	128,727	986	824	80,169	875	56,713	18,732	18,217	-409	1,140	305,975
December	134,079	1,235	800	83,989	963	68,584	22,984	21,402	-576	1,176	334,635
2013											
January	138,265	1,661	1,047	88,012	998	71,406	25,114	21,452	-463	998	348,490
February	123,828	1,103	871	79,874	877	61,483	20,511	20,262	-300	926	309,435
March	130,961	974	1,037	84,281	989	62,947	20,654	22,814	-409	1,054	325,301
April	112,232	973	914	77,128	925	56,767	24,758	23,693	-288	973	298,074
May	119,898	1,053	1,357	83,063	1,059	62,848	28,549	23,336	-355	1,027	321,834
June	138,849	1,027	1,314	98,517	1,015	66,430	27,308	21,063	-355	1,056	356,224
July	153,304	1,478	1,361	119,274	1,150	70,539	27,240	18,686	-345	1,112	393,799
August	149,875	1,090	1,379	119,480	1,144	71,344	21,712	17,277	-454	1,122	383,968
Sept	133,577	865	1,243	101,102	1,037	65,799	16,929	19,065	-389	1,066	340,293
October	121,474	809	1,073	88,049	966	63,184	17,307	21,099	-320	1,041	314,683
November	121,431	956	851	83,110	1,064	64,975	17,732	23,002	-345	975	313,752
December	142,304	1,421	1,005	91,777	1,048	71,294	21,323	21,581	-402	1,006	352,357
2014											
January	157,699	5,945	1,184	90,489	947	73,064	21,616	25,378	-263	960	377,019
Year to Date											
2012	129,091	1,180	1,297	90,761	1,017	72,381	23,107	19,906	-348	1,137	339,528
2013	138,265	1,661	1,047	88,012	998	71,406	25,114	21,452	-463	998	348,490
2014	157,699	5,945	1,184	90,489	947	73,064	21,616	25,378	-263	960	377,019
Rolling 12 Months Ending in January											
2013	1,523,217	13,883	9,537	1,223,146	11,879	768,356	278,247	219,879	-5,065	13,648	4,056,727
2014	1,605,433	17,694	13,590	1,116,142	12,219	790,675	265,638	257,254	-4,224	12,318	4,086,739

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 2012 and prior years are final. Values for 2013 and 2014 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), 2004-January 2014

(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										
2004	14,144	6	569	38,117	5,128	8,151	2,141	14,811	268,417	351,485
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	167,665	8,327	926	39,937	9,793	7,348	2,816	16,517	269,136	522,464
2012										
January	13,632	82	13	3,314	806	589	206	1,263	23,107	43,013
February	11,052	106	29	3,111	735	561	209	1,193	20,283	37,279
March	14,026	163	68	3,034	801	597	226	1,285	25,909	46,109
April	12,709	223	96	2,704	766	598	219	1,248	26,294	44,858
May	12,541	337	125	2,937	804	633	217	1,304	28,643	47,541
June	11,972	391	136	3,081	790	627	195	1,277	26,659	45,128
July	8,822	392	117	3,352	855	651	216	1,321	26,491	42,216
August	8,469	369	93	3,370	861	621	244	1,304	23,034	38,364
Sept	8,790	373	85	3,227	808	600	218	1,300	17,604	33,005
October	12,636	365	66	3,113	861	601	254	1,329	16,501	35,726
November	11,649	316	31	3,190	827	604	253	1,347	18,732	36,950
December	14,524	333	16	3,365	890	639	244	1,390	22,984	44,385
2013										
January	14,633	307	11	3,424	804	586	243	1,443	25,114	46,566
February	13,907	434	45	3,141	703	515	217	1,301	20,511	40,774
March	15,643	595	73	3,372	843	627	238	1,424	20,654	43,468
April	17,294	640	94	2,701	800	606	228	1,330	24,758	48,451
May	16,264	722	104	3,140	870	650	227	1,357	28,549	51,885
June	13,766	808	122	3,287	843	639	220	1,377	27,308	48,371
July	11,146	775	86	3,526	864	656	230	1,404	27,240	45,927
August	9,593	900	101	3,586	845	638	234	1,379	21,712	38,988
Sept	11,709	902	77	3,396	799	606	220	1,356	16,929	35,994
October	13,720	853	114	3,327	809	605	245	1,425	17,307	38,405
November	15,888	699	51	3,413	802	592	258	1,298	17,732	40,733
December	14,100	690	47	3,623	812	628	256	1,424	21,323	42,903
2014										
January	17,989	718	57	3,635	764	578	240	1,396	21,616	46,994
Year to Date										
2012	13,632	82	13	3,314	806	589	206	1,263	23,107	43,013
2013	14,633	307	11	3,424	804	586	243	1,443	25,114	46,566
2014	17,989	718	57	3,635	764	578	240	1,396	21,616	46,994
Rolling 12-Month Ending in January										
2013	141,823	3,676	874	37,910	9,800	7,317	2,737	15,742	278,247	498,126
2014	171,020	8,737	971	40,148	9,753	7,340	2,814	16,470	265,638	522,892

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 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms..

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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.

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Table 1.2. Net Generation by Energy Source: Electric Utilities, 2004-January 2014

(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											
2004	1,513,641	62,196	11,498	199,662	374	475,682	245,546	3,692	-7,526	467	2,505,231
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	1,190,669	9,022	9,522	473,207	68	406,114	243,239	31,645	-3,583	408	2,360,310
2012											
January	96,773	858	843	36,548	0	38,270	20,835	2,620	-301	53	196,498
February	86,462	699	658	35,281	0	33,117	18,363	2,124	-202	53	176,554
March	80,689	784	256	36,916	0	30,601	23,555	2,697	-209	43	175,331
April	75,146	766	293	38,669	0	27,884	24,174	2,374	-250	41	169,095
May	87,924	816	380	45,633	0	31,384	26,049	2,645	-291	53	194,593
June	100,022	934	473	48,423	0	34,052	24,540	2,448	-429	52	210,514
July	121,051	1,133	467	57,832	0	35,999	24,766	1,828	-530	48	242,595
August	115,044	906	477	53,961	0	36,149	21,575	1,851	-445	59	229,579
Sept	94,983	737	520	44,430	0	33,384	16,308	1,814	-368	62	191,871
October	90,924	787	409	38,288	0	31,289	14,911	2,491	-323	48	178,825
November	96,094	717	454	33,438	0	29,038	16,928	2,474	-355	46	178,834
December	101,368	755	434	35,539	0	33,656	20,933	2,653	-499	45	194,884
2013											
January	103,667	982	700	36,940	0	36,748	22,730	2,908	-401	33	204,308
February	91,563	697	616	33,820	0	31,144	18,273	2,650	-284	31	178,510
March	97,856	731	687	35,996	8	31,426	18,392	2,801	-362	38	187,573
April	84,564	721	574	32,110	7	28,991	22,588	3,011	-228	28	172,366
May	90,169	752	1,035	35,214	3	32,977	25,950	2,801	-281	39	188,659
June	104,841	734	966	42,815	3	34,504	24,744	2,404	-257	34	210,788
July	114,527	955	976	50,367	6	36,733	24,660	2,196	-242	40	230,218
August	114,165	812	952	52,076	6	37,177	19,804	1,978	-407	39	226,603
Sept	99,308	552	905	43,496	9	34,459	15,339	2,520	-297	28	196,318
October	91,919	573	759	37,524	8	31,605	15,678	2,579	-254	27	180,417
November	92,366	706	609	34,008	12	32,939	16,052	2,968	-262	35	179,433
December	105,724	806	743	38,841	7	37,412	19,028	2,828	-307	36	205,119
2014											
January	118,921	2,476	949	38,954	12	38,748	19,194	3,337	-192	28	222,427
Year to Date											
2012	96,773	858	843	36,548	0	38,270	20,835	2,620	-301	53	196,498
2013	103,667	982	700	36,940	0	36,748	22,730	2,908	-401	33	204,308
2014	118,921	2,476	949	38,954	12	38,748	19,194	3,337	-192	28	222,427
Rolling 12 Months Ending in January											
2013	1,153,375	10,016	5,522	505,350	0	393,301	254,832	28,306	-4,302	583	2,346,982
2014	1,205,922	10,516	9,771	475,220	81	408,115	239,703	32,073	-3,373	402	2,378,429

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 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
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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, 2004-January 2014

(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											
2004	443,547	33,574	7,410	427,510	3,194	312,846	19,518	48,636	-962	7,856	1,303,129
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	381,510	3,696	1,855	546,755	3,276	382,902	22,500	190,002	-841	6,826	1,538,482
2012											
January	31,101	224	206	46,574	263	34,111	1,995	14,684	-47	577	129,688
February	26,312	147	169	48,027	256	30,730	1,678	12,406	-35	546	120,236
March	23,721	127	138	48,085	261	31,128	2,117	15,075	-71	587	121,167
April	20,138	141	87	49,080	254	27,987	1,940	13,914	-15	561	114,087
May	27,005	210	121	53,993	244	30,697	2,379	13,838	-80	599	129,007
June	30,125	314	119	59,262	253	31,088	1,942	13,609	-78	612	137,247
July	38,127	340	146	72,301	266	33,130	1,586	11,293	-89	620	157,719
August	35,897	235	202	69,198	266	33,453	1,305	10,855	-84	588	151,914
Sept	29,513	186	151	55,837	232	31,126	1,135	11,021	-62	575	129,715
October	29,028	204	156	45,919	225	28,455	1,395	14,180	-55	575	120,080
November	31,554	213	130	39,163	211	27,674	1,590	13,150	-54	580	114,213
December	31,555	415	133	40,394	253	34,928	1,862	16,039	-77	610	126,112
2013											
January	33,501	588	158	42,880	244	34,658	2,064	15,829	-61	548	130,408
February	31,197	344	141	38,670	198	30,340	1,889	15,091	-15	495	118,351
March	31,934	191	157	40,350	213	31,522	1,960	17,319	-47	587	124,185
April	26,657	198	150	37,904	219	27,776	1,914	18,334	-60	555	113,647
May	28,566	240	108	40,265	271	29,871	2,275	17,994	-74	607	120,123
June	32,790	243	146	47,998	281	31,926	2,266	16,025	-97	605	132,182
July	37,467	457	172	60,673	316	33,807	2,265	13,720	-103	621	149,395
August	34,518	222	215	59,278	315	34,167	1,669	12,530	-47	593	143,460
Sept	33,141	266	148	50,078	295	31,340	1,359	13,898	-92	568	131,000
October	28,443	193	157	42,974	287	31,578	1,399	15,876	-66	547	121,388
November	27,924	210	149	41,189	320	32,037	1,475	17,406	-82	537	121,164
December	35,373	543	152	44,496	318	33,881	1,966	15,979	-95	564	133,180
2014											
January	37,449	3,245	111	43,495	292	34,316	2,073	19,335	-72	518	140,762
Year to Date											
2012	31,101	224	206	46,574	263	34,111	1,995	14,684	-47	577	129,688
2013	33,501	588	158	42,880	244	34,658	2,064	15,829	-61	548	130,408
2014	37,449	3,245	111	43,495	292	34,316	2,073	19,335	-72	518	140,762
Rolling 12 Months Ending in January											
2013	356,477	3,121	1,710	624,139	2,965	375,055	20,992	161,209	-762	7,001	1,551,905
2014	385,459	6,352	1,808	547,370	3,324	382,560	22,510	193,508	-851	6,796	1,548,836

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.
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Table 1.4. Net Generation by Energy Source: Commerical Sector, 2004-January 2014

(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											
2004	1,340	493	7	3,969	0	0	105	1,575	0	781	8,270
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	799	NM	5	6,351	0	0	36	2,904	0	1,143	11,480
2012											
January	83	14	1	543	0	0	3	197	0	76	916
February	81	15	1	531	0	0	2	194	0	77	900
March	74	12	1	537	0	0	2	204	0	82	911
April	66	17	0	510	0	0	2	207	0	86	888
May	69	12	0	541	0	0	3	215	0	90	930
June	79	21	0	585	0	0	2	204	0	84	975
July	83	18	1	716	0	0	2	219	0	96	1,135
August	81	18	1	620	0	0	2	228	0	96	1,046
Sept	66	14	1	537	0	0	2	219	0	91	930
October	57	19	1	513	0	0	2	222	0	91	904
November	67	15	1	488	0	0	2	217	0	86	876
December	77	15	1	483	0	0	2	219	0	91	888
2013											
January	76	NM	1	558	0	0	NM	220	0	88	980
February	83	NM	1	503	0	0	NM	208	0	82	904
March	72	16	1	516	0	0	NM	249	0	99	955
April	55	16	0	440	0	0	NM	232	0	94	841
May	67	18	0	491	0	0	NM	240	0	90	909
June	75	17	0	512	0	0	NM	245	0	95	948
July	77	27	0	606	0	0	NM	249	0	103	1,065
August	66	17	1	587	0	0	NM	260	0	107	1,041
Sept	54	16	1	543	0	0	NM	253	0	103	972
October	54	15	1	500	0	0	NM	255	0	96	923
November	51	16	0	528	0	0	NM	240	0	91	928
December	69	NM	1	566	0	0	NM	252	0	94	1,014
2014											
January	105	NM	1	564	0	0	NM	245	0	91	1,137
Year to Date											
2012	83	14	1	543	0	0	3	197	0	76	916
2013	76	NM	1	558	0	0	NM	220	0	88	980
2014	105	NM	1	564	0	0	NM	245	0	91	1,137
Rolling 12 Months Ending in January											
2013	877	NM	6	6,619	0	0	NM	2,568	0	1,058	11,364
2014	828	NM	5	6,357	0	0	NM	2,929	0	1,146	11,637

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.
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Table 1.5. Net Generation by Energy Source: Industrial Sector, 2004-January 2014

(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											
2004	19,773	4,128	1,839	78,959	11,684	0	3,248	29,164	0	5,129	153,925
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	13,020	450	2,071	87,352	8,926	0	3,363	28,777	0	3,979	147,937
2012											
January	1,135	84	247	7,096	754	0	275	2,405	0	431	12,425
February	1,017	46	167	6,771	788	0	240	2,272	0	396	11,699
March	1,041	49	176	6,713	815	0	234	2,225	0	428	11,681
April	935	41	158	6,571	803	0	178	2,068	0	403	11,158
May	984	41	150	7,186	758	0	212	2,200	0	458	11,988
June	1,035	37	170	7,327	719	0	175	2,210	0	418	12,091
July	1,189	39	195	8,013	776	0	137	2,385	0	454	13,190
August	1,159	43	235	7,956	784	0	152	2,396	0	434	13,160
Sept	1,026	40	210	7,209	672	0	159	2,347	0	406	12,069
October	990	50	179	7,006	670	0	192	2,332	0	422	11,841
November	1,012	41	239	7,080	664	0	213	2,376	0	428	12,052
December	1,079	51	233	7,573	709	0	186	2,490	0	430	12,751
2013											
January	1,020	58	188	7,634	755	0	317	2,495	0	328	12,795
February	986	38	112	6,880	678	0	345	2,313	0	318	11,671
March	1,099	36	192	7,419	769	0	298	2,445	0	330	12,589
April	956	37	190	6,674	700	0	253	2,115	0	295	11,220
May	1,097	43	214	7,093	785	0	320	2,301	0	291	12,143
June	1,142	32	203	7,192	731	0	295	2,389	0	322	12,306
July	1,233	39	212	7,628	827	0	312	2,521	0	349	13,121
August	1,125	40	211	7,539	823	0	235	2,508	0	383	12,864
Sept	1,075	30	190	6,984	734	0	230	2,393	0	367	12,003
October	1,059	29	157	7,052	671	0	228	2,388	0	371	11,955
November	1,090	25	93	7,385	731	0	204	2,387	0	312	12,227
December	1,138	43	109	7,873	722	0	326	2,521	0	312	13,044
2014											
January	1,225	98	124	7,476	643	0	344	2,461	0	323	12,694
Year to Date											
2012	1,135	84	247	7,096	754	0	275	2,405	0	431	12,425
2013	1,020	58	188	7,634	755	0	317	2,495	0	328	12,795
2014	1,225	98	124	7,476	643	0	344	2,461	0	323	12,694
Rolling 12 Months Ending in January											
2013	12,488	537	2,300	87,038	8,914	0	2,396	27,797	0	5,006	146,476
2014	13,224	490	2,007	87,194	8,814	0	3,389	28,744	0	3,973	147,836

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 2012 and prior years are final. Values for 2013 and 2014 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, January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	10,403	10,348	0.5%	681	551	9,175	9,191	164	118	383	488
Connecticut	3,038	3,219	-5.6%	NM	NM	2,972	3,152	NM	NM	NM	NM
Maine	1,426	1,390	2.6%	NM	NM	1,133	985	NM	NM	272	385
Massachusetts	3,047	2,799	8.9%	121	72	2,768	2,609	NM	51	76	68
New Hampshire	1,832	1,927	-4.9%	453	390	1,355	1,526	NM	NM	NM	NM
Rhode Island	393	375	4.8%	0	NM	382	368	NM	NM	0	0
Vermont	667	639	4.4%	99	83	564	552	NM	NM	NM	NM
Middle Atlantic	39,129	37,992	3.0%	3,090	2,720	35,482	34,723	NM	182	384	367
New Jersey	6,004	5,290	13.5%	-17	-9	5,923	5,195	41	48	NM	NM
New York	12,541	11,722	7.0%	2,981	2,604	9,366	8,930	NM	104	91	85
Pennsylvania	20,584	20,979	-1.9%	126	125	20,193	20,598	30	31	235	226
East North Central	61,369	55,196	11.2%	33,276	28,320	27,004	25,806	187	169	903	901
Illinois	19,131	18,205	5.1%	1,123	1,052	17,729	16,878	51	53	228	223
Indiana	11,834	10,431	13.5%	10,479	9,038	1,096	1,111	25	NM	234	261
Michigan	10,105	9,134	10.6%	7,902	7,278	1,981	1,665	79	68	144	124
Ohio	13,867	11,726	18.3%	8,886	7,189	4,835	4,393	NM	NM	124	119
Wisconsin	6,433	5,700	12.9%	4,886	3,763	1,362	1,759	NM	NM	173	175
West North Central	32,425	30,203	7.4%	27,639	26,231	4,307	3,570	60	41	418	361
Iowa	5,642	5,401	4.5%	4,107	4,005	1,286	1,195	27	17	222	184
Kansas	4,642	4,307	7.8%	3,737	3,622	901	683	0	0	NM	NM
Minnesota	5,294	5,050	4.8%	4,155	4,128	990	786	NM	NM	130	121
Missouri	8,828	8,192	7.8%	8,648	8,026	159	154	11	8	NM	NM
Nebraska	3,551	3,288	8.0%	3,307	3,121	203	130	NM	NM	39	35
North Dakota	3,569	3,081	15.9%	3,036	2,648	518	418	NM	NM	NM	14
South Dakota	900	884	1.9%	649	680	251	204	NM	NM	0	0
South Atlantic	74,887	63,412	18.1%	61,375	51,423	11,719	10,286	105	76	1,687	1,627
Delaware	590	485	21.6%	NM	NM	525	394	NM	NM	63	90
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	19,069	16,199	17.7%	17,600	14,950	1,035	780	NM	NM	428	464
Georgia	12,082	10,207	18.4%	10,846	8,827	810	944	NM	NM	424	433
Maryland	4,191	3,153	32.9%	NM	NM	4,109	3,093	NM	NM	38	33
North Carolina	13,170	10,843	21.5%	11,841	9,529	1,068	1,086	19	6	242	222
South Carolina	9,482	8,329	13.8%	9,184	8,128	109	49	NM	NM	189	152
Virginia	8,338	6,364	31.0%	6,844	5,184	1,269	996	33	31	192	154
West Virginia	7,959	7,827	1.7%	5,056	4,804	2,794	2,944	0	0	110	79
East South Central	37,018	32,156	15.1%	32,083	28,065	3,899	3,106	NM	NM	1,018	969
Alabama	14,245	12,779	11.5%	10,933	9,941	2,917	2,444	0	0	396	393
Kentucky	9,290	8,277	12.2%	9,197	8,236	36	NM	0	0	56	NM
Mississippi	5,377	4,040	33.1%	4,182	3,148	935	652	NM	NM	258	238
Tennessee	8,106	7,061	14.8%	7,771	6,739	11	8	NM	NM	309	298
West South Central	58,563	53,310	9.9%	21,404	19,454	30,993	27,500	54	55	6,112	6,301
Arkansas	5,647	5,688	-0.7%	4,141	4,233	1,344	1,271	NM	NM	161	184
Louisiana	9,545	8,063	18.4%	4,560	3,705	2,506	1,830	NM	NM	2,475	2,525
Oklahoma	6,582	5,771	14.1%	4,771	4,307	1,743	1,399	NM	0	68	65
Texas	36,788	33,788	8.9%	7,931	7,209	25,399	23,001	50	50	3,409	3,528
Mountain	31,290	32,426	-3.5%	24,698	25,760	6,324	6,399	32	28	237	238
Arizona	8,973	8,686	3.3%	7,967	7,883	996	792	NM	11	0	0
Colorado	4,903	4,732	3.6%	3,760	3,686	1,134	1,040	NM	NM	NM	NM
Idaho	1,275	1,381	-7.7%	761	907	471	427	0	0	43	47
Montana	2,335	2,839	-17.8%	482	626	1,851	2,212	0	0	NM	NM
Nevada	2,733	3,105	-12.0%	1,922	2,066	790	1,009	NM	7	NM	23
New Mexico	2,390	3,233	-26.1%	1,837	2,795	545	431	NM	7	NM	NM
Utah	3,899	3,618	7.8%	3,716	3,440	124	126	NM	NM	55	49
Wyoming	4,782	4,832	-1.0%	4,252	4,356	412	363	0	0	118	114
Pacific Contiguous	30,511	32,034	-4.8%	17,194	20,694	11,517	9,579	NM	255	1,513	1,506
California	15,569	15,531	0.2%	5,285	6,579	8,662	7,381	NM	249	1,342	1,322
Oregon	5,469	6,114	-10.5%	3,975	4,683	1,431	1,363	NM	NM	58	62
Washington	9,473	10,389	-8.8%	7,934	9,431	1,424	836	NM	NM	113	122
Pacific Noncontiguous	1,424	1,413	0.8%	987	1,090	NM	248	58	38	NM	36
Alaska	583	602	-3.1%	531	561	23	23	24	12	NM	NM
Hawaii	841	811	3.7%	456	529	NM	225	34	27	NM	30
U.S. Total	377,019	348,490	8.2%	222,427	204,308	140,762	130,408	1,137	980	12,694	12,795

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 January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	10,403	10,348	0.5%	681	551	9,175	9,191	164	118	383	488
Connecticut	3,038	3,219	-5.6%	NM	NM	2,972	3,152	NM	NM	NM	NM
Maine	1,426	1,390	2.6%	NM	NM	1,133	985	NM	NM	272	385
Massachusetts	3,047	2,799	8.9%	121	72	2,768	2,609	NM	51	76	68
New Hampshire	1,832	1,927	-4.9%	453	390	1,355	1,526	NM	NM	NM	NM
Rhode Island	393	375	4.8%	0	NM	382	368	NM	NM	0	0
Vermont	667	639	4.4%	99	83	564	552	NM	NM	NM	NM
Middle Atlantic	39,129	37,992	3.0%	3,090	2,720	35,482	34,723	NM	182	384	367
New Jersey	6,004	5,290	13.5%	-17	-9	5,923	5,195	41	48	NM	NM
New York	12,541	11,722	7.0%	2,981	2,604	9,366	8,930	NM	104	91	85
Pennsylvania	20,584	20,979	-1.9%	126	125	20,193	20,598	30	31	235	226
East North Central	61,369	55,196	11.2%	33,276	28,320	27,004	25,806	187	169	903	901
Illinois	19,131	18,205	5.1%	1,123	1,052	17,729	16,878	51	53	228	223
Indiana	11,834	10,431	13.5%	10,479	9,038	1,096	1,111	25	NM	234	261
Michigan	10,105	9,134	10.6%	7,902	7,278	1,981	1,665	79	68	144	124
Ohio	13,867	11,726	18.3%	8,886	7,189	4,835	4,393	NM	NM	124	119
Wisconsin	6,433	5,700	12.9%	4,886	3,763	1,362	1,759	NM	NM	173	175
West North Central	32,425	30,203	7.4%	27,639	26,231	4,307	3,570	60	41	418	361
Iowa	5,642	5,401	4.5%	4,107	4,005	1,286	1,195	27	17	222	184
Kansas	4,642	4,307	7.8%	3,737	3,622	901	683	0	0	NM	NM
Minnesota	5,294	5,050	4.8%	4,155	4,128	990	786	NM	NM	130	121
Missouri	8,828	8,192	7.8%	8,648	8,026	159	154	11	8	NM	NM
Nebraska	3,551	3,288	8.0%	3,307	3,121	203	130	NM	NM	39	35
North Dakota	3,569	3,081	15.9%	3,036	2,648	518	418	NM	NM	NM	14
South Dakota	900	884	1.9%	649	680	251	204	NM	NM	0	0
South Atlantic	74,887	63,412	18.1%	61,375	51,423	11,719	10,286	105	76	1,687	1,627
Delaware	590	485	21.6%	NM	NM	525	394	NM	NM	63	90
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	19,069	16,199	17.7%	17,600	14,950	1,035	780	NM	NM	428	464
Georgia	12,082	10,207	18.4%	10,846	8,827	810	944	NM	NM	424	433
Maryland	4,191	3,153	32.9%	NM	NM	4,109	3,093	NM	NM	38	33
North Carolina	13,170	10,843	21.5%	11,841	9,529	1,068	1,086	19	6	242	222
South Carolina	9,482	8,329	13.8%	9,184	8,128	109	49	NM	NM	189	152
Virginia	8,338	6,364	31.0%	6,844	5,184	1,269	996	33	31	192	154
West Virginia	7,959	7,827	1.7%	5,056	4,804	2,794	2,944	0	0	110	79
East South Central	37,018	32,156	15.1%	32,083	28,065	3,899	3,106	NM	NM	1,018	969
Alabama	14,245	12,779	11.5%	10,933	9,941	2,917	2,444	0	0	396	393
Kentucky	9,290	8,277	12.2%	9,197	8,236	36	NM	0	0	56	NM
Mississippi	5,377	4,040	33.1%	4,182	3,148	935	652	NM	NM	258	238
Tennessee	8,106	7,061	14.8%	7,771	6,739	11	8	NM	NM	309	298
West South Central	58,563	53,310	9.9%	21,404	19,454	30,993	27,500	54	55	6,112	6,301
Arkansas	5,647	5,688	-0.7%	4,141	4,233	1,344	1,271	NM	NM	161	184
Louisiana	9,545	8,063	18.4%	4,560	3,705	2,506	1,830	NM	NM	2,475	2,525
Oklahoma	6,582	5,771	14.1%	4,771	4,307	1,743	1,399	NM	0	68	65
Texas	36,788	33,788	8.9%	7,931	7,209	25,399	23,001	50	50	3,409	3,528
Mountain	31,290	32,426	-3.5%	24,698	25,760	6,324	6,399	32	28	237	238
Arizona	8,973	8,686	3.3%	7,967	7,883	996	792	NM	11	0	0
Colorado	4,903	4,732	3.6%	3,760	3,686	1,134	1,040	NM	NM	NM	NM
Idaho	1,275	1,381	-7.7%	761	907	471	427	0	0	43	47
Montana	2,335	2,839	-17.8%	482	626	1,851	2,212	0	0	NM	NM
Nevada	2,733	3,105	-12.0%	1,922	2,066	790	1,009	NM	7	NM	23
New Mexico	2,390	3,233	-26.1%	1,837	2,795	545	431	NM	7	NM	NM
Utah	3,899	3,618	7.8%	3,716	3,440	124	126	NM	NM	55	49
Wyoming	4,782	4,832	-1.0%	4,252	4,356	412	363	0	0	118	114
Pacific Contiguous	30,511	32,034	-4.8%	17,194	20,694	11,517	9,579	NM	255	1,513	1,506
California	15,569	15,531	0.2%	5,285	6,579	8,662	7,381	NM	249	1,342	1,322
Oregon	5,469	6,114	-10.5%	3,975	4,683	1,431	1,363	NM	NM	58	62
Washington	9,473	10,389	-8.8%	7,934	9,431	1,424	836	NM	NM	113	122
Pacific Noncontiguous	1,424	1,413	0.8%	987	1,090	NM	248	58	38	NM	36
Alaska	583	602	-3.1%	531	561	23	23	24	12	NM	NM
Hawaii	841	811	3.7%	456	529	NM	225	34	27	NM	30
U.S. Total	377,019	348,490	8.2%	222,427	204,308	140,762	130,408	1,137	980	12,694	12,795

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, January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	1,087	1,066	1.9%	318	306	758	754	0	0	11	6
Connecticut	172	118	45.6%	0	0	172	118	0	0	0	0
Maine	16	10	54.5%	0	0	8	7	0	0	7	3
Massachusetts	582	632	-8.0%	0	0	578	629	0	0	NM	NM
New Hampshire	318	306	3.9%	318	306	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	9,892	9,088	8.8%	NM	NM	9,789	9,013	NM	NM	93	70
New Jersey	399	200	100.1%	0	0	399	200	0	0	0	0
New York	839	598	40.3%	NM	NM	801	568	0	0	31	26
Pennsylvania	8,654	8,290	4.4%	0	0	8,589	8,245	NM	NM	62	44
East North Central	37,475	32,611	14.9%	27,921	23,703	9,214	8,603	32	35	308	270
Illinois	8,270	7,812	5.9%	1,084	1,017	7,021	6,642	5	8	159	145
Indiana	9,913	8,634	14.8%	9,427	8,175	465	442	17	13	NM	4
Michigan	5,110	4,912	4.0%	5,024	4,844	44	32	9	14	33	23
Ohio	9,774	8,063	21.2%	8,063	6,551	1,683	1,487	NM	NM	28	25
Wisconsin	4,407	3,190	38.2%	4,323	3,115	0	0	NM	NM	83	74
West North Central	20,919	19,760	5.9%	20,547	19,457	0	0	30	22	342	282
Iowa	3,159	3,125	1.1%	2,922	2,931	0	0	21	14	216	180
Kansas	2,607	2,586	0.8%	2,607	2,586	0	0	0	0	0	0
Minnesota	2,696	2,280	18.3%	2,626	2,223	0	0	0	0	71	57
Missouri	7,253	6,741	7.6%	7,235	6,729	0	0	9	8	NM	4
Nebraska	2,323	2,434	-4.5%	2,286	2,400	0	0	0	0	38	33
North Dakota	2,642	2,283	15.7%	2,633	2,276	0	0	0	0	NM	8
South Dakota	238	312	-23.7%	238	312	0	0	0	0	0	0
South Atlantic	30,851	22,813	35.2%	25,312	18,253	5,302	4,393	13	6	224	160
Delaware	173	97	79.4%	0	0	173	97	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	4,728	3,254	45.3%	4,710	3,238	0	0	0	0	NM	NM
Georgia	4,997	3,251	53.7%	4,941	3,204	0	0	0	0	56	47
Maryland	2,330	1,435	62.3%	0	0	2,308	1,419	NM	NM	19	15
North Carolina	5,670	3,826	48.2%	5,529	3,696	111	107	11	5	NM	NM
South Carolina	2,825	2,082	35.7%	2,799	2,073	0	0	0	0	26	10
Virginia	2,619	1,410	85.8%	2,411	1,309	172	63	0	0	36	38
West Virginia	7,509	7,458	0.7%	4,922	4,733	2,537	2,707	0	0	50	18
East South Central	17,310	14,497	19.4%	16,926	14,074	250	304	NM	NM	131	117
Alabama	4,485	3,561	25.9%	4,463	3,544	0	0	0	0	22	17
Kentucky	8,191	7,670	6.8%	8,191	7,670	0	0	0	0	0	0
Mississippi	1,109	463	139.6%	860	159	250	304	0	0	0	0
Tennessee	3,526	2,803	25.8%	3,413	2,701	0	0	NM	NM	109	100
West South Central	20,914	18,873	10.8%	11,402	10,892	9,474	7,946	0	0	NM	35
Arkansas	3,073	2,718	13.1%	2,614	2,540	453	167	0	0	6	11
Louisiana	1,935	1,860	4.0%	724	855	1,206	1,005	0	0	NM	0
Oklahoma	2,790	2,562	8.9%	2,601	2,392	162	146	0	0	NM	NM
Texas	13,116	11,733	11.8%	5,463	5,105	7,653	6,628	0	0	0	0
Mountain	17,675	18,480	-4.4%	16,065	16,557	1,565	1,881	0	0	46	42
Arizona	3,916	3,755	4.3%	3,916	3,755	0	0	0	0	0	0
Colorado	3,173	3,133	1.3%	3,164	3,125	NM	NM	0	0	NM	NM
Idaho	NM	7	NM	0	0	0	0	0	0	NM	7
Montana	1,331	1,672	-20.4%	NM	NM	1,303	1,646	0	0	NM	NM
Nevada	670	456	46.8%	511	337	159	119	0	0	0	0
New Mexico	1,408	2,387	-41.0%	1,408	2,387	0	0	0	0	0	0
Utah	3,119	2,903	7.4%	3,083	2,863	NM	NM	0	0	0	0
Wyoming	4,050	4,167	-2.8%	3,957	4,065	NM	67	0	0	36	34
Pacific Contiguous	1,388	944	47.1%	405	405	954	503	0	0	29	36
California	35	87	-59.7%	0	0	NM	54	0	0	25	33
Oregon	405	405	-0.1%	405	405	0	0	0	0	0	0
Washington	948	452	109.9%	0	0	944	449	0	0	5	3
Pacific Noncontiguous	187	132	41.9%	17	17	144	103	23	11	NM	NM
Alaska	58	45	29.1%	17	17	17	17	23	11	0	0
Hawaii	130	87	48.4%	0	0	127	86	0	0	NM	NM
U.S. Total	157,699	138,265	14.1%	118,921	103,667	37,449	33,501	105	76	1,225	1,020

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 January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	1,087	1,066	1.9%	318	306	758	754	0	0	11	6
Connecticut	172	118	45.6%	0	0	172	118	0	0	0	0
Maine	16	10	54.5%	0	0	8	7	0	0	7	3
Massachusetts	582	632	-8.0%	0	0	578	629	0	0	NM	NM
New Hampshire	318	306	3.9%	318	306	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	9,892	9,088	8.8%	NM	NM	9,789	9,013	NM	NM	93	70
New Jersey	399	200	100.1%	0	0	399	200	0	0	0	0
New York	839	598	40.3%	NM	NM	801	568	0	0	31	26
Pennsylvania	8,654	8,290	4.4%	0	0	8,589	8,245	NM	NM	62	44
East North Central	37,475	32,611	14.9%	27,921	23,703	9,214	8,603	32	35	308	270
Illinois	8,270	7,812	5.9%	1,084	1,017	7,021	6,642	5	8	159	145
Indiana	9,913	8,634	14.8%	9,427	8,175	465	442	17	13	NM	4
Michigan	5,110	4,912	4.0%	5,024	4,844	44	32	9	14	33	23
Ohio	9,774	8,063	21.2%	8,063	6,551	1,683	1,487	NM	NM	28	25
Wisconsin	4,407	3,190	38.2%	4,323	3,115	0	0	NM	NM	83	74
West North Central	20,919	19,760	5.9%	20,547	19,457	0	0	30	22	342	282
Iowa	3,159	3,125	1.1%	2,922	2,931	0	0	21	14	216	180
Kansas	2,607	2,586	0.8%	2,607	2,586	0	0	0	0	0	0
Minnesota	2,696	2,280	18.3%	2,626	2,223	0	0	0	0	71	57
Missouri	7,253	6,741	7.6%	7,235	6,729	0	0	9	8	NM	4
Nebraska	2,323	2,434	-4.5%	2,286	2,400	0	0	0	0	38	33
North Dakota	2,642	2,283	15.7%	2,633	2,276	0	0	0	0	NM	8
South Dakota	238	312	-23.7%	238	312	0	0	0	0	0	0
South Atlantic	30,851	22,813	35.2%	25,312	18,253	5,302	4,393	13	6	224	160
Delaware	173	97	79.4%	0	0	173	97	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	4,728	3,254	45.3%	4,710	3,238	0	0	0	0	NM	NM
Georgia	4,997	3,251	53.7%	4,941	3,204	0	0	0	0	56	47
Maryland	2,330	1,435	62.3%	0	0	2,308	1,419	NM	NM	19	15
North Carolina	5,670	3,826	48.2%	5,529	3,696	111	107	11	5	NM	NM
South Carolina	2,825	2,082	35.7%	2,799	2,073	0	0	0	0	26	10
Virginia	2,619	1,410	85.8%	2,411	1,309	172	63	0	0	36	38
West Virginia	7,509	7,458	0.7%	4,922	4,733	2,537	2,707	0	0	50	18
East South Central	17,310	14,497	19.4%	16,926	14,074	250	304	NM	NM	131	117
Alabama	4,485	3,561	25.9%	4,463	3,544	0	0	0	0	22	17
Kentucky	8,191	7,670	6.8%	8,191	7,670	0	0	0	0	0	0
Mississippi	1,109	463	139.6%	860	159	250	304	0	0	0	0
Tennessee	3,526	2,803	25.8%	3,413	2,701	0	0	NM	NM	109	100
West South Central	20,914	18,873	10.8%	11,402	10,892	9,474	7,946	0	0	NM	35
Arkansas	3,073	2,718	13.1%	2,614	2,540	453	167	0	0	6	11
Louisiana	1,935	1,860	4.0%	724	855	1,206	1,005	0	0	NM	0
Oklahoma	2,790	2,562	8.9%	2,601	2,392	162	146	0	0	NM	NM
Texas	13,116	11,733	11.8%	5,463	5,105	7,653	6,628	0	0	0	0
Mountain	17,675	18,480	-4.4%	16,065	16,557	1,565	1,881	0	0	46	42
Arizona	3,916	3,755	4.3%	3,916	3,755	0	0	0	0	0	0
Colorado	3,173	3,133	1.3%	3,164	3,125	NM	NM	0	0	NM	NM
Idaho	NM	7	NM	0	0	0	0	0	0	NM	7
Montana	1,331	1,672	-20.4%	NM	NM	1,303	1,646	0	0	NM	NM
Nevada	670	456	46.8%	511	337	159	119	0	0	0	0
New Mexico	1,408	2,387	-41.0%	1,408	2,387	0	0	0	0	0	0
Utah	3,119	2,903	7.4%	3,083	2,863	NM	NM	0	0	0	0
Wyoming	4,050	4,167	-2.8%	3,957	4,065	NM	67	0	0	36	34
Pacific Contiguous	1,388	944	47.1%	405	405	954	503	0	0	29	36
California	35	87	-59.7%	0	0	NM	54	0	0	25	33
Oregon	405	405	-0.1%	405	405	0	0	0	0	0	0
Washington	948	452	109.9%	0	0	944	449	0	0	5	3
Pacific Noncontiguous	187	132	41.9%	17	17	144	103	23	11	NM	NM
Alaska	58	45	29.1%	17	17	17	17	23	11	0	0
Hawaii	130	87	48.4%	0	0	127	86	0	0	NM	NM
U.S. Total	157,699	138,265	14.1%	118,921	103,667	37,449	33,501	105	76	1,225	1,020

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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, January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	1,285	261	392.5%	146	39	1,055	199	NM	NM	NM	NM
Connecticut	292	90	223.8%	NM	NM	286	89	NM	NM	NM	NM
Maine	167	57	195.7%	NM	NM	159	53	NM	NM	NM	NM
Massachusetts	589	88	571.0%	70	22	475	NM	NM	NM	NM	NM
New Hampshire	186	20	852.0%	70	16	99	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	0	NM	36	3	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	1,937	367	427.8%	450	113	1,458	243	NM	NM	NM	NM
New Jersey	359	49	630.3%	NM	NM	354	49	NM	NM	NM	NM
New York	1,185	257	361.3%	448	113	715	134	NM	NM	NM	9
Pennsylvania	392	61	545.4%	NM	NM	389	60	NM	NM	NM	NM
East North Central	132	59	123.0%	68	49	59	9	NM	NM	NM	NM
Illinois	NM	8	NM	NM	3	5	5	NM	NM	NM	NM
Indiana	NM	14	NM	NM	13	NM	NM	NM	NM	3	1
Michigan	17	13	28.5%	17	13	0	0	NM	NM	NM	0
Ohio	76	20	280.3%	24	15	51	4	NM	NM	NM	NM
Wisconsin	9	4	117.5%	6	4	3	NM	NM	NM	NM	NM
West North Central	44	25	74.6%	NM	24	4	NM	NM	NM	NM	NM
Iowa	NM	5	NM	NM	5	NM	NM	NM	NM	NM	NM
Kansas	NM	5	NM	NM	5	0	0	0	0	0	0
Minnesota	13	2	453.8%	9	2	4	NM	NM	NM	NM	NM
Missouri	NM	7	NM	NM	7	0	0	NM	NM	0	0
Nebraska	4	1	226.2%	4	1	0	0	0	0	0	0
North Dakota	NM	3	NM	NM	3	0	0	NM	NM	NM	NM
South Dakota	NM	1	NM	NM	1	NM	NM	NM	NM	0	0
South Atlantic	1,698	156	988.4%	1,121	103	524	33	NM	NM	30	14
Delaware	111	7	NM	0	NM	111	7	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	NM	NM	NM	NM	NM	NM	NM	0	0	NM	NM
Georgia	86	3	NM	47	-3	30	NM	NM	NM	10	5
Maryland	269	NM	NM	NM	NM	244	15	NM	NM	0	0
North Carolina	254	26	890.7%	228	21	21	4	NM	NM	NM	NM
South Carolina	165	NM	NM	154	NM	9	0	NM	NM	2	1
Virginia	696	53	NM	598	43	94	6	NM	NM	NM	3
West Virginia	33	11	192.1%	20	10	14	1	0	0	0	0
East South Central	132	36	267.8%	110	31	10	NM	NM	NM	NM	NM
Alabama	44	13	250.7%	22	9	10	NM	0	0	NM	NM
Kentucky	NM	13	NM	NM	13	0	0	0	0	0	0
Mississippi	NM	NM	NM	NM	NM	0	0	0	0	0	1
Tennessee	71	10	606.6%	71	10	0	0	NM	NM	NM	NM
West South Central	13	30	-55.3%	6	6	5	15	NM	NM	NM	8
Arkansas	2	3	-20.8%	1	1	0	2	0	0	1	0
Louisiana	4	14	-71.0%	2	3	1	3	0	0	1	8
Oklahoma	NM	NM	NM	NM	NM	0	0	NM	0	0	NM
Texas	NM	13	NM	2	2	4	10	NM	NM	NM	NM
Mountain	18	21	-14.6%	16	20	NM	1	NM	NM	NM	NM
Arizona	3	4	-1.7%	3	4	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	NM	NM	NM	NM	NM	1	NM	0	0	0	0
Nevada	1	2	-69.3%	0	1	0	0	0	0	0	0
New Mexico	NM	6	NM	NM	6	NM	NM	0	0	NM	NM
Utah	NM	5	NM	NM	5	NM	NM	0	0	NM	NM
Wyoming	4	3	17.4%	4	3	0	0	0	0	NM	NM
Pacific Contiguous	NM	NM	NM	NM	NM	3	1	NM	NM	NM	1
California	NM	NM	NM	2	3	2	NM	NM	NM	NM	NM
Oregon	NM	0	NM	1	0	0	0	NM	0	0	0
Washington	NM	NM	NM	NM	NM	NM	1	NM	NM	NM	1
Pacific Noncontiguous	NM	693	NM	516	593	NM	NM	NM	NM	NM	13
Alaska	NM	75	NM	NM	72	0	0	NM	NM	NM	3
Hawaii	NM	618	NM	451	522	NM	NM	0	0	NM	10
U.S. Total	5,945	1,661	257.9%	2,476	982	3,245	588	NM	NM	98	58

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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 January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	1,285	261	392.5%	146	39	1,055	199	NM	NM	NM	NM
Connecticut	292	90	223.8%	NM	NM	286	89	NM	NM	NM	NM
Maine	167	57	195.7%	NM	NM	159	53	NM	NM	NM	NM
Massachusetts	589	88	571.0%	70	22	475	NM	NM	NM	NM	NM
New Hampshire	186	20	852.0%	70	16	99	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	0	NM	36	3	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	1,937	367	427.8%	450	113	1,458	243	NM	NM	NM	NM
New Jersey	359	49	630.3%	NM	NM	354	49	NM	NM	NM	NM
New York	1,185	257	361.3%	448	113	715	134	NM	NM	NM	9
Pennsylvania	392	61	545.4%	NM	NM	389	60	NM	NM	NM	NM
East North Central	132	59	123.0%	68	49	59	9	NM	NM	NM	NM
Illinois	NM	8	NM	NM	3	5	5	NM	NM	NM	NM
Indiana	NM	14	NM	NM	13	NM	NM	NM	NM	3	1
Michigan	17	13	28.5%	17	13	0	0	NM	NM	NM	0
Ohio	76	20	280.3%	24	15	51	4	NM	NM	NM	NM
Wisconsin	9	4	117.5%	6	4	3	NM	NM	NM	NM	NM
West North Central	44	25	74.6%	NM	24	4	NM	NM	NM	NM	NM
Iowa	NM	5	NM	NM	5	NM	NM	NM	NM	NM	NM
Kansas	NM	5	NM	NM	5	0	0	0	0	0	0
Minnesota	13	2	453.8%	9	2	4	NM	NM	NM	NM	NM
Missouri	NM	7	NM	NM	7	0	0	NM	NM	0	0
Nebraska	4	1	226.2%	4	1	0	0	0	0	0	0
North Dakota	NM	3	NM	NM	3	0	0	NM	NM	NM	NM
South Dakota	NM	1	NM	NM	1	NM	NM	NM	NM	0	0
South Atlantic	1,698	156	988.4%	1,121	103	524	33	NM	NM	30	14
Delaware	111	7	NM	0	NM	111	7	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	NM	NM	NM	NM	NM	NM	NM	0	0	NM	NM
Georgia	86	3	NM	47	-3	30	NM	NM	NM	10	5
Maryland	269	NM	NM	NM	NM	244	15	NM	NM	0	0
North Carolina	254	26	890.7%	228	21	21	4	NM	NM	NM	NM
South Carolina	165	NM	NM	154	NM	9	0	NM	NM	2	1
Virginia	696	53	NM	598	43	94	6	NM	NM	NM	3
West Virginia	33	11	192.1%	20	10	14	1	0	0	0	0
East South Central	132	36	267.8%	110	31	10	NM	NM	NM	NM	NM
Alabama	44	13	250.7%	22	9	10	NM	0	0	NM	NM
Kentucky	NM	13	NM	NM	13	0	0	0	0	0	0
Mississippi	NM	NM	NM	NM	NM	0	0	0	0	0	1
Tennessee	71	10	606.6%	71	10	0	0	NM	NM	NM	NM
West South Central	13	30	-55.3%	6	6	5	15	NM	NM	NM	8
Arkansas	2	3	-20.8%	1	1	0	2	0	0	1	0
Louisiana	4	14	-71.0%	2	3	1	3	0	0	1	8
Oklahoma	NM	NM	NM	NM	NM	0	0	NM	0	0	NM
Texas	NM	13	NM	2	2	4	10	NM	NM	NM	NM
Mountain	18	21	-14.6%	16	20	NM	1	NM	NM	NM	NM
Arizona	3	4	-1.7%	3	4	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	NM	NM	NM	NM	NM	1	NM	0	0	0	0
Nevada	1	2	-69.3%	0	1	0	0	0	0	0	0
New Mexico	NM	6	NM	NM	6	NM	NM	0	0	NM	NM
Utah	NM	5	NM	NM	5	NM	NM	0	0	NM	NM
Wyoming	4	3	17.4%	4	3	0	0	0	0	NM	NM
Pacific Contiguous	NM	NM	NM	NM	NM	3	1	NM	NM	NM	1
California	NM	NM	NM	2	3	2	NM	NM	NM	NM	NM
Oregon	NM	0	NM	1	0	0	0	NM	0	0	0
Washington	NM	NM	NM	NM	NM	NM	1	NM	NM	NM	1
Pacific Noncontiguous	NM	693	NM	516	593	NM	NM	NM	NM	NM	13
Alaska	NM	75	NM	NM	72	0	0	NM	NM	NM	3
Hawaii	NM	618	NM	451	522	NM	NM	0	0	NM	10
U.S. Total	5,945	1,661	257.9%	2,476	982	3,245	588	NM	NM	98	58

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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, January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
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	282	283	-0.4%	181	146	73	107	0	0	NM	31
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	133	146	-8.6%	133	146	0	0	0	0	0	0
Michigan	54	NM	NM	35	0	7	7	0	0	NM	NM
Ohio	69	100	-31.1%	0	0	67	100	0	0	NM	0
Wisconsin	26	21	27.3%	13	0	0	0	0	0	13	21
West North Central	1	1	-9.0%	0	0	0	0	1	1	0	0
Iowa	1	1	-9.0%	0	0	0	0	1	1	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	222	36	509.6%	207	15	0	0	0	0	15	22
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	207	15	NM	207	15	0	0	0	0	0	0
Georgia	15	22	-28.5%	0	0	0	0	0	0	15	22
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	116	139	-16.4%	116	139	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	116	139	-16.4%	116	139	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	501	517	-3.1%	445	401	0	0	0	0	NM	116
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	484	430	12.5%	445	401	0	0	0	0	NM	NM
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	NM	87	NM	0	0	0	0	0	0	NM	87
Mountain	36	42	-14.1%	0	0	36	42	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	36	42	-14.1%	0	0	36	42	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	1,184	1,047	13.1%	949	700	111	158	1	1	124	188

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 January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 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	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	282	283	-0.4%	181	146	73	107	0	0	NM	31
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	133	146	-8.6%	133	146	0	0	0	0	0	0
Michigan	54	NM	NM	35	0	7	7	0	0	NM	NM
Ohio	69	100	-31.1%	0	0	67	100	0	0	NM	0
Wisconsin	26	21	27.3%	13	0	0	0	0	0	13	21
West North Central	1	1	-9.0%	0	0	0	0	1	1	0	0
Iowa	1	1	-9.0%	0	0	0	0	1	1	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	222	36	509.6%	207	15	0	0	0	0	15	22
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	207	15	NM	207	15	0	0	0	0	0	0
Georgia	15	22	-28.5%	0	0	0	0	0	0	15	22
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	116	139	-16.4%	116	139	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	116	139	-16.4%	116	139	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	501	517	-3.1%	445	401	0	0	0	0	NM	116
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	484	430	12.5%	445	401	0	0	0	0	NM	NM
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	NM	87	NM	0	0	0	0	0	0	NM	87
Mountain	36	42	-14.1%	0	0	36	42	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	36	42	-14.1%	0	0	36	42	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	1,184	1,047	13.1%	949	700	111	158	1	1	124	188

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, January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	2,777	3,990	-30.4%	18	20	2,564	3,662	73	80	122	229
Connecticut	864	1,288	-33.0%	4	1	807	1,225	NM	NM	NM	NM
Maine	452	509	-11.2%	0	0	366	323	NM	NM	84	183
Massachusetts	1,042	1,438	-27.5%	14	16	978	1,369	39	39	NM	NM
New Hampshire	80	394	-79.8%	0	2	76	388	NM	NM	NM	NM
Rhode Island	340	360	-5.6%	0	0	337	356	NM	NM	0	0
Vermont	0	0	-24.4%	0	0	0	0	0	0	0	0
Middle Atlantic	9,343	9,998	-6.6%	875	735	8,287	9,047	73	89	108	127
New Jersey	1,966	1,751	12.3%	0	NM	1,921	1,694	NM	NM	NM	NM
New York	3,762	3,962	-5.0%	874	733	2,816	3,145	53	62	NM	NM
Pennsylvania	3,615	4,286	-15.6%	NM	0	3,550	4,208	NM	NM	NM	NM
East North Central	5,778	4,657	24.1%	2,226	1,735	3,312	2,702	124	115	116	106
Illinois	636	418	52.2%	26	25	541	320	45	45	NM	NM
Indiana	1,102	896	23.0%	847	638	211	219	NM	NM	40	NM
Michigan	1,381	825	67.4%	288	99	1,025	664	NM	40	NM	NM
Ohio	2,013	1,812	11.1%	769	578	1,216	1,202	NM	NM	NM	NM
Wisconsin	646	706	-8.5%	297	396	321	297	NM	NM	NM	NM
West North Central	1,093	1,095	-0.2%	953	995	104	72	NM	NM	NM	NM
Iowa	106	72	47.6%	100	68	NM	0	NM	NM	NM	NM
Kansas	149	81	84.8%	146	79	0	0	0	0	NM	NM
Minnesota	394	532	-25.9%	283	474	88	40	NM	NM	NM	NM
Missouri	384	377	1.9%	368	345	16	32	0	0	NM	NM
Nebraska	NM	NM	NM	NM	3	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	0	0	0	0	0	NM	NM
South Dakota	45	27	68.1%	45	27	0	0	0	0	0	0
South Atlantic	19,557	19,110	2.3%	15,702	15,324	3,565	3,442	NM	NM	270	321
Delaware	281	363	-22.6%	0	0	233	283	0	0	48	80
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	10,653	10,125	5.2%	9,840	9,538	692	461	NM	NM	119	124
Georgia	3,144	3,404	-7.6%	2,378	2,400	724	924	0	0	42	81
Maryland	142	69	107.0%	0	0	124	48	NM	NM	NM	NM
North Carolina	2,500	2,279	9.7%	1,709	1,431	778	839	0	0	12	8
South Carolina	915	930	-1.6%	818	880	90	41	0	0	7	8
Virginia	1,820	1,914	-4.9%	891	1,065	892	836	0	0	36	13
West Virginia	98	21	358.4%	66	9	30	11	0	0	NM	NM
East South Central	8,794	7,607	15.6%	4,918	4,570	3,610	2,777	NM	NM	253	245
Alabama	4,359	3,722	17.1%	1,375	1,190	2,889	2,429	0	0	95	102
Kentucky	531	116	357.5%	477	96	36	0	0	0	NM	NM
Mississippi	3,233	3,145	2.8%	2,414	2,678	685	348	NM	NM	132	118
Tennessee	670	625	7.2%	652	606	0	0	NM	NM	NM	5
West South Central	24,069	23,711	1.5%	6,049	5,328	12,645	12,950	50	51	5,324	5,382
Arkansas	1,012	1,276	-20.7%	102	160	877	1,088	NM	NM	33	28
Louisiana	4,986	4,318	15.5%	1,789	1,487	1,117	707	NM	NM	2,076	2,120
Oklahoma	2,447	2,285	7.1%	1,846	1,717	590	559	0	0	NM	NM
Texas	15,624	15,832	-1.3%	2,313	1,964	10,061	10,596	47	47	3,204	3,225
Mountain	5,530	5,982	-7.6%	3,493	3,812	1,899	2,023	28	25	109	122
Arizona	1,354	1,372	-1.3%	547	695	797	667	NM	10	0	0
Colorado	785	798	-1.6%	479	457	303	340	3	0	NM	NM
Idaho	397	334	18.8%	217	164	175	162	0	0	NM	9
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	1,569	2,202	-28.8%	1,241	1,594	307	579	NM	5	NM	23
New Mexico	696	613	13.5%	406	383	283	224	NM	7	0	0
Utah	634	581	9.0%	559	488	NM	NM	NM	NM	40	40
Wyoming	53	51	3.8%	NM	NM	NM	NM	0	0	48	50
Pacific Contiguous	13,236	11,530	14.8%	4,409	4,092	7,509	6,205	167	153	1,150	1,080
California	10,380	9,557	8.6%	2,731	3,118	6,355	5,229	162	149	1,131	1,061
Oregon	1,671	1,448	15.4%	683	521	972	911	NM	NM	NM	NM
Washington	1,185	525	125.7%	996	453	181	64	NM	NM	6	8
Pacific Noncontiguous	313	332	-5.6%	309	329	0	0	NM	NM	NM	NM
Alaska	313	332	-5.6%	309	329	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	90,489	88,012	2.8%	38,954	36,940	43,495	42,880	564	558	7,476	7,634

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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 January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	2,777	3,990	-30.4%	18	20	2,564	3,662	73	80	122	229
Connecticut	864	1,288	-33.0%	4	1	807	1,225	NM	NM	NM	NM
Maine	452	509	-11.2%	0	0	366	323	NM	NM	84	183
Massachusetts	1,042	1,438	-27.5%	14	16	978	1,369	39	39	NM	NM
New Hampshire	80	394	-79.8%	0	2	76	388	NM	NM	NM	NM
Rhode Island	340	360	-5.6%	0	0	337	356	NM	NM	0	0
Vermont	0	0	-24.4%	0	0	0	0	0	0	0	0
Middle Atlantic	9,343	9,998	-6.6%	875	735	8,287	9,047	73	89	108	127
New Jersey	1,966	1,751	12.3%	0	NM	1,921	1,694	NM	NM	NM	NM
New York	3,762	3,962	-5.0%	874	733	2,816	3,145	53	62	NM	NM
Pennsylvania	3,615	4,286	-15.6%	NM	0	3,550	4,208	NM	NM	NM	NM
East North Central	5,778	4,657	24.1%	2,226	1,735	3,312	2,702	124	115	116	106
Illinois	636	418	52.2%	26	25	541	320	45	45	NM	NM
Indiana	1,102	896	23.0%	847	638	211	219	NM	NM	40	NM
Michigan	1,381	825	67.4%	288	99	1,025	664	NM	40	NM	NM
Ohio	2,013	1,812	11.1%	769	578	1,216	1,202	NM	NM	NM	NM
Wisconsin	646	706	-8.5%	297	396	321	297	NM	NM	NM	NM
West North Central	1,093	1,095	-0.2%	953	995	104	72	NM	NM	NM	NM
Iowa	106	72	47.6%	100	68	NM	0	NM	NM	NM	NM
Kansas	149	81	84.8%	146	79	0	0	0	0	NM	NM
Minnesota	394	532	-25.9%	283	474	88	40	NM	NM	NM	NM
Missouri	384	377	1.9%	368	345	16	32	0	0	NM	NM
Nebraska	NM	NM	NM	NM	3	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	0	0	0	0	0	NM	NM
South Dakota	45	27	68.1%	45	27	0	0	0	0	0	0
South Atlantic	19,557	19,110	2.3%	15,702	15,324	3,565	3,442	NM	NM	270	321
Delaware	281	363	-22.6%	0	0	233	283	0	0	48	80
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	10,653	10,125	5.2%	9,840	9,538	692	461	NM	NM	119	124
Georgia	3,144	3,404	-7.6%	2,378	2,400	724	924	0	0	42	81
Maryland	142	69	107.0%	0	0	124	48	NM	NM	NM	NM
North Carolina	2,500	2,279	9.7%	1,709	1,431	778	839	0	0	12	8
South Carolina	915	930	-1.6%	818	880	90	41	0	0	7	8
Virginia	1,820	1,914	-4.9%	891	1,065	892	836	0	0	36	13
West Virginia	98	21	358.4%	66	9	30	11	0	0	NM	NM
East South Central	8,794	7,607	15.6%	4,918	4,570	3,610	2,777	NM	NM	253	245
Alabama	4,359	3,722	17.1%	1,375	1,190	2,889	2,429	0	0	95	102
Kentucky	531	116	357.5%	477	96	36	0	0	0	NM	NM
Mississippi	3,233	3,145	2.8%	2,414	2,678	685	348	NM	NM	132	118
Tennessee	670	625	7.2%	652	606	0	0	NM	NM	NM	5
West South Central	24,069	23,711	1.5%	6,049	5,328	12,645	12,950	50	51	5,324	5,382
Arkansas	1,012	1,276	-20.7%	102	160	877	1,088	NM	NM	33	28
Louisiana	4,986	4,318	15.5%	1,789	1,487	1,117	707	NM	NM	2,076	2,120
Oklahoma	2,447	2,285	7.1%	1,846	1,717	590	559	0	0	NM	NM
Texas	15,624	15,832	-1.3%	2,313	1,964	10,061	10,596	47	47	3,204	3,225
Mountain	5,530	5,982	-7.6%	3,493	3,812	1,899	2,023	28	25	109	122
Arizona	1,354	1,372	-1.3%	547	695	797	667	NM	10	0	0
Colorado	785	798	-1.6%	479	457	303	340	3	0	NM	NM
Idaho	397	334	18.8%	217	164	175	162	0	0	NM	9
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	1,569	2,202	-28.8%	1,241	1,594	307	579	NM	5	NM	23
New Mexico	696	613	13.5%	406	383	283	224	NM	7	0	0
Utah	634	581	9.0%	559	488	NM	NM	NM	NM	40	40
Wyoming	53	51	3.8%	NM	NM	NM	NM	0	0	48	50
Pacific Contiguous	13,236	11,530	14.8%	4,409	4,092	7,509	6,205	167	153	1,150	1,080
California	10,380	9,557	8.6%	2,731	3,118	6,355	5,229	162	149	1,131	1,061
Oregon	1,671	1,448	15.4%	683	521	972	911	NM	NM	NM	NM
Washington	1,185	525	125.7%	996	453	181	64	NM	NM	6	8
Pacific Noncontiguous	313	332	-5.6%	309	329	0	0	NM	NM	NM	NM
Alaska	313	332	-5.6%	309	329	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	90,489	88,012	2.8%	38,954	36,940	43,495	42,880	564	558	7,476	7,634

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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, January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
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	62	68	-8.1%	0	0	0	0	0	0	62	68
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	48	53	-9.7%	0	0	0	0	0	0	48	53
East North Central	361	333	8.5%	12	0	96	52	0	0	253	281
Illinois	26	29	-9.9%	0	0	0	2	0	0	26	26
Indiana	173	200	-13.2%	0	0	0	0	0	0	173	200
Michigan	77	22	247.6%	12	0	65	22	0	0	0	0
Ohio	85	82	3.1%	0	0	31	27	0	0	54	55
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	18	12	42.7%	0	0	0	0	0	0	18	12
Delaware	16	10	49.3%	0	0	0	0	0	0	16	10
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	-37.0%	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	2	2	23.3%	0	0	0	0	0	0	2	2
East South Central	16	5	202.2%	0	0	0	0	0	0	16	5
Alabama	15	4	241.1%	0	0	0	0	0	0	15	4
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	2	1	44.3%	0	0	0	0	0	0	2	1
West South Central	314	381	-17.6%	0	0	157	159	0	0	157	221
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	145	142	2.1%	0	0	69	23	0	0	76	119
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	169	239	-29.3%	0	0	87	136	0	0	81	102
Mountain	35	30	16.0%	0	0	1	1	0	0	34	29
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	-32.8%	0	0	0	0	0	0	0	0
Nevada	1	1	-8.0%	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	34	29	17.5%	0	0	0	0	0	0	34	29
Pacific Contiguous	134	161	-16.4%	0	0	39	32	0	0	95	129
California	95	129	-26.0%	0	0	0	0	0	0	95	129
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	39	32	22.9%	0	0	39	32	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	0	0	0	0	0	0	NM	NM
Alaska	NM	NM	NM	0	0	0	0	0	0	NM	NM
Hawaii	NM	NM	NM	0	0	0	0	0	0	NM	NM
U.S. Total	947	998	-5.1%	12	0	292	244	0	0	643	755

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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 January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 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	62	68	-8.1%	0	0	0	0	0	0	62	68
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	48	53	-9.7%	0	0	0	0	0	0	48	53
East North Central	361	333	8.5%	12	0	96	52	0	0	253	281
Illinois	26	29	-9.9%	0	0	0	2	0	0	26	26
Indiana	173	200	-13.2%	0	0	0	0	0	0	173	200
Michigan	77	22	247.6%	12	0	65	22	0	0	0	0
Ohio	85	82	3.1%	0	0	31	27	0	0	54	55
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	18	12	42.7%	0	0	0	0	0	0	18	12
Delaware	16	10	49.3%	0	0	0	0	0	0	16	10
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	-37.0%	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	2	2	23.3%	0	0	0	0	0	0	2	2
East South Central	16	5	202.2%	0	0	0	0	0	0	16	5
Alabama	15	4	241.1%	0	0	0	0	0	0	15	4
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	2	1	44.3%	0	0	0	0	0	0	2	1
West South Central	314	381	-17.6%	0	0	157	159	0	0	157	221
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	145	142	2.1%	0	0	69	23	0	0	76	119
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	169	239	-29.3%	0	0	87	136	0	0	81	102
Mountain	35	30	16.0%	0	0	1	1	0	0	34	29
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	-32.8%	0	0	0	0	0	0	0	0
Nevada	1	1	-8.0%	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	34	29	17.5%	0	0	0	0	0	0	34	29
Pacific Contiguous	134	161	-16.4%	0	0	39	32	0	0	95	129
California	95	129	-26.0%	0	0	0	0	0	0	95	129
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	39	32	22.9%	0	0	39	32	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	0	0	0	0	0	0	NM	NM
Alaska	NM	NM	NM	0	0	0	0	0	0	NM	NM
Hawaii	NM	NM	NM	0	0	0	0	0	0	NM	NM
U.S. Total	947	998	-5.1%	12	0	292	244	0	0	643	755

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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, January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	3,440	3,299	4.3%	0	0	3,440	3,299	0	0	0	0
Connecticut	1,548	1,570	-1.4%	0	0	1,548	1,570	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	509	352	44.4%	0	0	509	352	0	0	0	0
New Hampshire	928	929	-0.1%	0	0	928	929	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	456	448	1.7%	0	0	456	448	0	0	0	0
Middle Atlantic	13,974	14,611	-4.4%	0	0	13,974	14,611	0	0	0	0
New Jersey	3,130	3,143	-0.4%	0	0	3,130	3,143	0	0	0	0
New York	3,930	4,045	-2.8%	0	0	3,930	4,045	0	0	0	0
Pennsylvania	6,915	7,423	-6.9%	0	0	6,915	7,423	0	0	0	0
East North Central	14,037	14,205	-1.2%	2,407	2,190	11,629	12,015	0	0	0	0
Illinois	8,768	8,695	0.8%	0	0	8,768	8,695	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	2,760	2,792	-1.1%	2,407	2,190	353	602	0	0	0	0
Ohio	1,614	1,403	15.1%	0	0	1,614	1,403	0	0	0	0
Wisconsin	894	1,315	-32.0%	0	0	894	1,315	0	0	0	0
West North Central	4,133	4,031	2.5%	3,678	3,576	455	456	0	0	0	0
Iowa	455	456	-0.2%	0	0	455	456	0	0	0	0
Kansas	900	902	-0.1%	900	902	0	0	0	0	0	0
Minnesota	957	1,168	-18.1%	957	1,168	0	0	0	0	0	0
Missouri	924	922	0.2%	924	922	0	0	0	0	0	0
Nebraska	897	584	53.5%	897	584	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	18,402	18,057	1.9%	17,270	16,731	1,131	1,326	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2,735	2,101	30.2%	2,735	2,101	0	0	0	0	0	0
Georgia	3,040	3,045	-0.2%	3,040	3,045	0	0	0	0	0	0
Maryland	1,131	1,326	-14.7%	0	0	1,131	1,326	0	0	0	0
North Carolina	3,768	3,854	-2.2%	3,768	3,854	0	0	0	0	0	0
South Carolina	4,966	5,011	-0.9%	4,966	5,011	0	0	0	0	0	0
Virginia	2,762	2,720	1.5%	2,762	2,720	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	7,249	6,533	11.0%	7,249	6,533	0	0	0	0	0	0
Alabama	3,745	3,825	-2.1%	3,745	3,825	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	908	311	191.6%	908	311	0	0	0	0	0	0
Tennessee	2,597	2,397	8.3%	2,597	2,397	0	0	0	0	0	0
West South Central	6,414	5,298	21.1%	2,729	2,348	3,685	2,951	0	0	0	0
Arkansas	1,128	1,389	-18.8%	1,128	1,389	0	0	0	0	0	0
Louisiana	1,601	959	67.0%	1,601	959	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	3,685	2,951	24.9%	0	0	3,685	2,951	0	0	0	0
Mountain	2,977	2,859	4.1%	2,977	2,859	0	0	0	0	0	0
Arizona	2,977	2,859	4.1%	2,977	2,859	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	2,437	2,512	-3.0%	2,437	2,512	0	0	0	0	0	0
California	1,597	1,673	-4.5%	1,597	1,673	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	840	839	0.1%	840	839	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	73,064	71,406	2.3%	38,748	36,748	34,316	34,658	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.
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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 January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	3,440	3,299	4.3%	0	0	3,440	3,299	0	0	0	0
Connecticut	1,548	1,570	-1.4%	0	0	1,548	1,570	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	509	352	44.4%	0	0	509	352	0	0	0	0
New Hampshire	928	929	-0.1%	0	0	928	929	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	456	448	1.7%	0	0	456	448	0	0	0	0
Middle Atlantic	13,974	14,611	-4.4%	0	0	13,974	14,611	0	0	0	0
New Jersey	3,130	3,143	-0.4%	0	0	3,130	3,143	0	0	0	0
New York	3,930	4,045	-2.8%	0	0	3,930	4,045	0	0	0	0
Pennsylvania	6,915	7,423	-6.9%	0	0	6,915	7,423	0	0	0	0
East North Central	14,037	14,205	-1.2%	2,407	2,190	11,629	12,015	0	0	0	0
Illinois	8,768	8,695	0.8%	0	0	8,768	8,695	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	2,760	2,792	-1.1%	2,407	2,190	353	602	0	0	0	0
Ohio	1,614	1,403	15.1%	0	0	1,614	1,403	0	0	0	0
Wisconsin	894	1,315	-32.0%	0	0	894	1,315	0	0	0	0
West North Central	4,133	4,031	2.5%	3,678	3,576	455	456	0	0	0	0
Iowa	455	456	-0.2%	0	0	455	456	0	0	0	0
Kansas	900	902	-0.1%	900	902	0	0	0	0	0	0
Minnesota	957	1,168	-18.1%	957	1,168	0	0	0	0	0	0
Missouri	924	922	0.2%	924	922	0	0	0	0	0	0
Nebraska	897	584	53.5%	897	584	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	18,402	18,057	1.9%	17,270	16,731	1,131	1,326	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2,735	2,101	30.2%	2,735	2,101	0	0	0	0	0	0
Georgia	3,040	3,045	-0.2%	3,040	3,045	0	0	0	0	0	0
Maryland	1,131	1,326	-14.7%	0	0	1,131	1,326	0	0	0	0
North Carolina	3,768	3,854	-2.2%	3,768	3,854	0	0	0	0	0	0
South Carolina	4,966	5,011	-0.9%	4,966	5,011	0	0	0	0	0	0
Virginia	2,762	2,720	1.5%	2,762	2,720	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	7,249	6,533	11.0%	7,249	6,533	0	0	0	0	0	0
Alabama	3,745	3,825	-2.1%	3,745	3,825	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	908	311	191.6%	908	311	0	0	0	0	0	0
Tennessee	2,597	2,397	8.3%	2,597	2,397	0	0	0	0	0	0
West South Central	6,414	5,298	21.1%	2,729	2,348	3,685	2,951	0	0	0	0
Arkansas	1,128	1,389	-18.8%	1,128	1,389	0	0	0	0	0	0
Louisiana	1,601	959	67.0%	1,601	959	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	3,685	2,951	24.9%	0	0	3,685	2,951	0	0	0	0
Mountain	2,977	2,859	4.1%	2,977	2,859	0	0	0	0	0	0
Arizona	2,977	2,859	4.1%	2,977	2,859	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	2,437	2,512	-3.0%	2,437	2,512	0	0	0	0	0	0
California	1,597	1,673	-4.5%	1,597	1,673	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	840	839	0.1%	840	839	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	73,064	71,406	2.3%	38,748	36,748	34,316	34,658	0	0	0	0

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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, January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	781	759	3.0%	110	106	630	607	NM	NM	41	45
Connecticut	41	NM	NM	NM	NM	38	NM	0	0	0	0
Maine	357	381	-6.3%	0	0	320	339	0	0	37	41
Massachusetts	112	100	12.6%	NM	NM	80	71	NM	NM	NM	NM
New Hampshire	142	118	20.7%	31	32	111	85	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	128	124	3.5%	45	43	81	79	0	0	NM	NM
Middle Atlantic	2,450	2,500	-2.0%	1,796	1,924	648	569	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	2,131	2,229	-4.4%	1,671	1,799	454	423	NM	NM	NM	NM
Pennsylvania	316	268	17.7%	125	125	191	143	0	0	0	0
East North Central	242	306	-21.0%	215	274	NM	NM	NM	NM	NM	NM
Illinois	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
Indiana	30	33	-10.2%	30	33	0	0	0	0	0	0
Michigan	77	100	-23.1%	70	90	NM	NM	0	0	NM	NM
Ohio	27	41	-33.6%	27	41	0	0	0	0	0	0
Wisconsin	95	120	-21.2%	83	104	NM	NM	0	0	NM	NM
West North Central	718	705	1.9%	700	686	NM	NM	0	0	NM	NM
Iowa	51	68	-24.7%	51	68	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	NM	35	NM	NM	NM	NM	NM	0	0	NM	NM
Missouri	103	NM	NM	103	NM	0	0	0	0	0	0
Nebraska	82	107	-23.4%	82	107	0	0	0	0	0	0
North Dakota	159	186	-14.3%	159	186	0	0	0	0	0	0
South Dakota	291	284	2.5%	291	284	0	0	0	0	0	0
South Atlantic	2,132	1,530	39.3%	1,695	1,128	267	264	NM	NM	169	137
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	434	243	78.3%	430	240	NM	NM	0	0	NM	NM
Maryland	206	196	5.5%	0	0	206	196	0	0	0	0
North Carolina	721	607	18.7%	607	527	NM	NM	NM	NM	108	75
South Carolina	429	188	128.5%	422	182	NM	NM	NM	NM	0	0
Virginia	177	120	48.3%	168	111	NM	NM	0	0	NM	NM
West Virginia	144	159	-9.6%	48	51	39	50	0	0	57	59
East South Central	2,859	2,824	1.3%	2,748	2,717	NM	NM	0	0	110	106
Alabama	1,328	1,373	-3.3%	1,328	1,373	0	0	0	0	0	0
Kentucky	391	312	25.4%	390	311	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	1,141	1,139	0.2%	1,031	1,033	0	0	0	0	110	106
West South Central	678	427	58.9%	562	331	117	96	0	0	0	0
Arkansas	295	148	99.5%	289	143	NM	NM	0	0	0	0
Louisiana	107	87	23.8%	0	0	107	87	0	0	0	0
Oklahoma	149	77	92.6%	149	77	0	0	0	0	0	0
Texas	128	115	10.7%	124	111	NM	NM	0	0	0	0
Mountain	2,099	2,585	-18.8%	1,787	2,217	312	368	NM	0	0	0
Arizona	501	558	-10.3%	501	558	0	0	0	0	0	0
Colorado	130	136	-4.6%	116	124	NM	NM	NM	0	0	0
Idaho	567	780	-27.3%	532	734	35	46	0	0	0	0
Montana	642	866	-25.8%	383	562	258	303	0	0	0	0
Nevada	172	137	25.5%	168	132	NM	NM	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	47	60	-22.0%	46	59	NM	NM	0	0	0	0
Wyoming	28	31	-10.5%	27	30	NM	NM	0	0	0	0
Pacific Contiguous	9,522	13,333	-28.6%	9,452	13,209	69	123	NM	NM	NM	NM
California	839	1,756	-52.2%	807	1,681	32	74	NM	NM	0	0
Oregon	2,828	3,706	-23.7%	2,807	3,679	NM	26	0	0	0	0
Washington	5,855	7,872	-25.6%	5,838	7,849	NM	NM	0	0	NM	NM
Pacific Noncontiguous	134	146	-8.3%	130	138	1	3	0	0	NM	NM
Alaska	128	136	-6.0%	128	136	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	1	3	0	0	NM	NM
U.S. Total	21,616	25,114	-13.9%	19,194	22,730	2,073	2,064	NM	NM	344	317

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 January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	781	759	3.0%	110	106	630	607	NM	NM	41	45
Connecticut	41	NM	NM	NM	NM	38	NM	0	0	0	0
Maine	357	381	-6.3%	0	0	320	339	0	0	37	41
Massachusetts	112	100	12.6%	NM	NM	80	71	NM	NM	NM	NM
New Hampshire	142	118	20.7%	31	32	111	85	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	128	124	3.5%	45	43	81	79	0	0	NM	NM
Middle Atlantic	2,450	2,500	-2.0%	1,796	1,924	648	569	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	2,131	2,229	-4.4%	1,671	1,799	454	423	NM	NM	NM	NM
Pennsylvania	316	268	17.7%	125	125	191	143	0	0	0	0
East North Central	242	306	-21.0%	215	274	NM	NM	NM	NM	NM	NM
Illinois	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
Indiana	30	33	-10.2%	30	33	0	0	0	0	0	0
Michigan	77	100	-23.1%	70	90	NM	NM	0	0	NM	NM
Ohio	27	41	-33.6%	27	41	0	0	0	0	0	0
Wisconsin	95	120	-21.2%	83	104	NM	NM	0	0	NM	NM
West North Central	718	705	1.9%	700	686	NM	NM	0	0	NM	NM
Iowa	51	68	-24.7%	51	68	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	NM	35	NM	NM	NM	NM	NM	0	0	NM	NM
Missouri	103	NM	NM	103	NM	0	0	0	0	0	0
Nebraska	82	107	-23.4%	82	107	0	0	0	0	0	0
North Dakota	159	186	-14.3%	159	186	0	0	0	0	0	0
South Dakota	291	284	2.5%	291	284	0	0	0	0	0	0
South Atlantic	2,132	1,530	39.3%	1,695	1,128	267	264	NM	NM	169	137
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	434	243	78.3%	430	240	NM	NM	0	0	NM	NM
Maryland	206	196	5.5%	0	0	206	196	0	0	0	0
North Carolina	721	607	18.7%	607	527	NM	NM	NM	NM	108	75
South Carolina	429	188	128.5%	422	182	NM	NM	NM	NM	0	0
Virginia	177	120	48.3%	168	111	NM	NM	0	0	NM	NM
West Virginia	144	159	-9.6%	48	51	39	50	0	0	57	59
East South Central	2,859	2,824	1.3%	2,748	2,717	NM	NM	0	0	110	106
Alabama	1,328	1,373	-3.3%	1,328	1,373	0	0	0	0	0	0
Kentucky	391	312	25.4%	390	311	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	1,141	1,139	0.2%	1,031	1,033	0	0	0	0	110	106
West South Central	678	427	58.9%	562	331	117	96	0	0	0	0
Arkansas	295	148	99.5%	289	143	NM	NM	0	0	0	0
Louisiana	107	87	23.8%	0	0	107	87	0	0	0	0
Oklahoma	149	77	92.6%	149	77	0	0	0	0	0	0
Texas	128	115	10.7%	124	111	NM	NM	0	0	0	0
Mountain	2,099	2,585	-18.8%	1,787	2,217	312	368	NM	0	0	0
Arizona	501	558	-10.3%	501	558	0	0	0	0	0	0
Colorado	130	136	-4.6%	116	124	NM	NM	NM	0	0	0
Idaho	567	780	-27.3%	532	734	35	46	0	0	0	0
Montana	642	866	-25.8%	383	562	258	303	0	0	0	0
Nevada	172	137	25.5%	168	132	NM	NM	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	47	60	-22.0%	46	59	NM	NM	0	0	0	0
Wyoming	28	31	-10.5%	27	30	NM	NM	0	0	0	0
Pacific Contiguous	9,522	13,333	-28.6%	9,452	13,209	69	123	NM	NM	NM	NM
California	839	1,756	-52.2%	807	1,681	32	74	NM	NM	0	0
Oregon	2,828	3,706	-23.7%	2,807	3,679	NM	26	0	0	0	0
Washington	5,855	7,872	-25.6%	5,838	7,849	NM	NM	0	0	NM	NM
Pacific Noncontiguous	134	146	-8.3%	130	138	1	3	0	0	NM	NM
Alaska	128	136	-6.0%	128	136	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	1	3	0	0	NM	NM
U.S. Total	21,616	25,114	-13.9%	19,194	22,730	2,073	2,064	NM	NM	344	317

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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, January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	912	845	7.9%	90	81	623	558	16	13	184	194
Connecticut	67	53	27.0%	0	0	67	53	0	0	0	0
Maine	409	404	1.1%	0	0	268	249	10	NM	131	146
Massachusetts	178	159	12.3%	NM	NM	115	104	NM	NM	52	47
New Hampshire	173	156	10.9%	34	34	136	119	NM	NM	0	0
Rhode Island	8	8	5.6%	0	0	8	8	0	0	0	0
Vermont	76	65	17.0%	48	40	28	25	NM	NM	0	0
Middle Atlantic	1,356	1,241	9.2%	NM	NM	1,231	1,124	48	49	74	66
New Jersey	107	100	7.4%	NM	NM	87	80	17	18	NM	NM
New York	641	596	7.5%	0	0	597	554	20	20	24	22
Pennsylvania	607	545	11.4%	0	0	547	490	10	11	50	44
East North Central	3,049	2,710	12.5%	293	261	2,591	2,286	17	11	148	152
Illinois	1,389	1,209	14.8%	NM	NM	1,387	1,208	NM	NM	0	0
Indiana	442	477	-7.2%	18	23	421	450	NM	NM	NM	NM
Michigan	660	483	36.7%	107	94	469	317	14	NM	70	65
Ohio	207	203	2.1%	NM	NM	174	170	NM	NM	30	30
Wisconsin	350	339	3.5%	163	140	141	141	NM	NM	46	56
West North Central	5,478	4,551	20.4%	1,703	1,481	3,720	3,015	11	NM	43	46
Iowa	1,862	1,675	11.2%	1,027	933	830	739	NM	NM	2	0
Kansas	977	732	33.5%	78	51	899	681	0	0	0	0
Minnesota	1,177	1,002	17.5%	256	232	877	721	NM	NM	39	45
Missouri	149	126	18.5%	3	4	143	122	2	0	NM	NM
Nebraska	231	157	47.1%	27	25	203	130	NM	NM	0	0
North Dakota	755	598	26.3%	236	180	518	418	0	0	NM	NM
South Dakota	326	260	25.1%	75	57	251	204	0	0	0	0
South Atlantic	1,788	1,567	14.1%	152	86	758	644	34	26	844	810
Delaware	8	7	11.0%	NM	0	7	7	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	428	398	7.5%	17	17	235	195	NM	NM	173	183
Georgia	350	293	19.6%	0	0	55	19	NM	NM	293	271
Maryland	88	83	6.7%	NM	NM	70	66	NM	NM	14	12
North Carolina	246	239	2.8%	NM	NM	140	120	NM	0	99	119
South Carolina	190	160	19.0%	39	33	NM	NM	0	0	150	126
Virginia	304	211	44.0%	95	36	76	60	18	16	116	98
West Virginia	174	176	-1.1%	0	0	174	176	0	0	0	0
East South Central	534	522	2.2%	8	8	30	23	NM	NM	496	491
Alabama	271	281	-3.7%	NM	NM	19	15	0	0	252	266
Kentucky	45	27	63.9%	8	8	0	0	0	0	37	20
Mississippi	125	120	4.3%	0	0	0	0	0	0	125	120
Tennessee	93	94	-0.9%	0	0	11	8	NM	NM	82	86
West South Central	5,562	4,012	38.6%	213	158	4,910	3,383	NM	NM	435	467
Arkansas	129	151	-14.3%	0	0	8	8	NM	NM	120	142
Louisiana	218	219	-0.5%	0	0	5	5	0	0	213	214
Oklahoma	1,204	855	40.8%	185	132	992	694	0	0	28	29
Texas	4,011	2,787	43.9%	28	26	3,905	2,676	NM	NM	74	82
Mountain	2,887	2,414	19.6%	374	323	2,481	2,056	NM	NM	30	32
Arizona	216	136	58.7%	16	10	199	125	NM	NM	0	0
Colorado	830	688	20.7%	21	9	808	678	NM	NM	NM	NM
Idaho	303	261	16.2%	13	10	261	219	0	0	29	32
Montana	255	204	25.2%	33	10	222	194	0	0	0	0
Nevada	321	306	4.7%	0	0	320	305	NM	NM	NM	NM
New Mexico	267	209	27.7%	NM	NM	263	207	NM	NM	0	0
Utah	82	59	38.7%	26	25	56	34	0	0	0	0
Wyoming	613	551	11.4%	260	257	353	294	0	0	0	0
Pacific Contiguous	3,699	3,498	5.7%	487	494	2,918	2,683	94	93	199	228
California	2,548	2,292	11.2%	147	132	2,247	2,000	92	91	62	69
Oregon	562	551	1.9%	80	77	435	422	NM	NM	45	50
Washington	589	654	-9.9%	260	285	236	261	0	0	93	108
Pacific Noncontiguous	114	93	23.1%	15	14	72	56	17	13	10	NM
Alaska	18	14	24.1%	NM	NM	NM	NM	0	0	0	NM
Hawaii	96	78	22.9%	3	5	66	51	17	13	10	NM
U.S. Total	25,378	21,452	18.3%	3,337	2,908	19,335	15,829	245	220	2,461	2,495

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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 January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	912	845	7.9%	90	81	623	558	16	13	184	194
Connecticut	67	53	27.0%	0	0	67	53	0	0	0	0
Maine	409	404	1.1%	0	0	268	249	10	NM	131	146
Massachusetts	178	159	12.3%	NM	NM	115	104	NM	NM	52	47
New Hampshire	173	156	10.9%	34	34	136	119	NM	NM	0	0
Rhode Island	8	8	5.6%	0	0	8	8	0	0	0	0
Vermont	76	65	17.0%	48	40	28	25	NM	NM	0	0
Middle Atlantic	1,356	1,241	9.2%	NM	NM	1,231	1,124	48	49	74	66
New Jersey	107	100	7.4%	NM	NM	87	80	17	18	NM	NM
New York	641	596	7.5%	0	0	597	554	20	20	24	22
Pennsylvania	607	545	11.4%	0	0	547	490	10	11	50	44
East North Central	3,049	2,710	12.5%	293	261	2,591	2,286	17	11	148	152
Illinois	1,389	1,209	14.8%	NM	NM	1,387	1,208	NM	NM	0	0
Indiana	442	477	-7.2%	18	23	421	450	NM	NM	NM	NM
Michigan	660	483	36.7%	107	94	469	317	14	NM	70	65
Ohio	207	203	2.1%	NM	NM	174	170	NM	NM	30	30
Wisconsin	350	339	3.5%	163	140	141	141	NM	NM	46	56
West North Central	5,478	4,551	20.4%	1,703	1,481	3,720	3,015	11	NM	43	46
Iowa	1,862	1,675	11.2%	1,027	933	830	739	NM	NM	2	0
Kansas	977	732	33.5%	78	51	899	681	0	0	0	0
Minnesota	1,177	1,002	17.5%	256	232	877	721	NM	NM	39	45
Missouri	149	126	18.5%	3	4	143	122	2	0	NM	NM
Nebraska	231	157	47.1%	27	25	203	130	NM	NM	0	0
North Dakota	755	598	26.3%	236	180	518	418	0	0	NM	NM
South Dakota	326	260	25.1%	75	57	251	204	0	0	0	0
South Atlantic	1,788	1,567	14.1%	152	86	758	644	34	26	844	810
Delaware	8	7	11.0%	NM	0	7	7	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	428	398	7.5%	17	17	235	195	NM	NM	173	183
Georgia	350	293	19.6%	0	0	55	19	NM	NM	293	271
Maryland	88	83	6.7%	NM	NM	70	66	NM	NM	14	12
North Carolina	246	239	2.8%	NM	NM	140	120	NM	0	99	119
South Carolina	190	160	19.0%	39	33	NM	NM	0	0	150	126
Virginia	304	211	44.0%	95	36	76	60	18	16	116	98
West Virginia	174	176	-1.1%	0	0	174	176	0	0	0	0
East South Central	534	522	2.2%	8	8	30	23	NM	NM	496	491
Alabama	271	281	-3.7%	NM	NM	19	15	0	0	252	266
Kentucky	45	27	63.9%	8	8	0	0	0	0	37	20
Mississippi	125	120	4.3%	0	0	0	0	0	0	125	120
Tennessee	93	94	-0.9%	0	0	11	8	NM	NM	82	86
West South Central	5,562	4,012	38.6%	213	158	4,910	3,383	NM	NM	435	467
Arkansas	129	151	-14.3%	0	0	8	8	NM	NM	120	142
Louisiana	218	219	-0.5%	0	0	5	5	0	0	213	214
Oklahoma	1,204	855	40.8%	185	132	992	694	0	0	28	29
Texas	4,011	2,787	43.9%	28	26	3,905	2,676	NM	NM	74	82
Mountain	2,887	2,414	19.6%	374	323	2,481	2,056	NM	NM	30	32
Arizona	216	136	58.7%	16	10	199	125	NM	NM	0	0
Colorado	830	688	20.7%	21	9	808	678	NM	NM	NM	NM
Idaho	303	261	16.2%	13	10	261	219	0	0	29	32
Montana	255	204	25.2%	33	10	222	194	0	0	0	0
Nevada	321	306	4.7%	0	0	320	305	NM	NM	NM	NM
New Mexico	267	209	27.7%	NM	NM	263	207	NM	NM	0	0
Utah	82	59	38.7%	26	25	56	34	0	0	0	0
Wyoming	613	551	11.4%	260	257	353	294	0	0	0	0
Pacific Contiguous	3,699	3,498	5.7%	487	494	2,918	2,683	94	93	199	228
California	2,548	2,292	11.2%	147	132	2,247	2,000	92	91	62	69
Oregon	562	551	1.9%	80	77	435	422	NM	NM	45	50
Washington	589	654	-9.9%	260	285	236	261	0	0	93	108
Pacific Noncontiguous	114	93	23.1%	15	14	72	56	17	13	10	NM
Alaska	18	14	24.1%	NM	NM	NM	NM	0	0	0	NM
Hawaii	96	78	22.9%	3	5	66	51	17	13	10	NM
U.S. Total	25,378	21,452	18.3%	3,337	2,908	19,335	15,829	245	220	2,461	2,495

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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, January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	-31	-27	12.6%	0	0	-31	-27	0	0	0	0
Connecticut	4	5	-24.3%	0	0	4	5	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-35	-32	6.7%	0	0	-35	-32	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	-83	-92	-10.2%	-41	-58	-41	-34	0	0	0	0
New Jersey	-22	-13	73.6%	-22	-13	0	0	0	0	0	0
New York	-19	-45	-57.8%	-19	-45	0	0	0	0	0	0
Pennsylvania	-41	-34	20.8%	0	0	-41	-34	0	0	0	0
East North Central	-58	-52	11.8%	-58	-52	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	-58	-52	11.8%	-58	-52	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	2	-7	-125.6%	2	-7	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	2	-7	-125.6%	2	-7	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	-84	-218	-61.2%	-84	-218	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	9	-59	-115.7%	9	-59	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	-13	-59	-78.1%	-13	-59	0	0	0	0	0	0
Virginia	-81	-100	-19.0%	-81	-100	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	7	-8	-196.7%	7	-8	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	7	-8	-196.7%	7	-8	0	0	0	0	0	0
West South Central	-3	-10	-74.2%	-3	-10	0	0	0	0	0	0
Arkansas	7	1	790.4%	7	1	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-9	-11	-12.1%	-9	-11	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-14	-28	-50.9%	-14	-28	0	0	0	0	0	0
Arizona	6	1	347.0%	6	1	0	0	0	0	0	0
Colorado	-20	-29	-31.8%	-20	-29	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	-1	-22	-97.3%	-1	-22	0	0	0	0	0	0
California	0	-27	-99.2%	0	-27	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	6	-106.5%	0	6	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	-263	-463	-43.1%	-192	-401	-72	-61	0	0	0	0

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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 January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	-31	-27	12.6%	0	0	-31	-27	0	0	0	0
Connecticut	4	5	-24.3%	0	0	4	5	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-35	-32	6.7%	0	0	-35	-32	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	-83	-92	-10.2%	-41	-58	-41	-34	0	0	0	0
New Jersey	-22	-13	73.6%	-22	-13	0	0	0	0	0	0
New York	-19	-45	-57.8%	-19	-45	0	0	0	0	0	0
Pennsylvania	-41	-34	20.8%	0	0	-41	-34	0	0	0	0
East North Central	-58	-52	11.8%	-58	-52	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	-58	-52	11.8%	-58	-52	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	2	-7	-125.6%	2	-7	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	2	-7	-125.6%	2	-7	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	-84	-218	-61.2%	-84	-218	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	9	-59	-115.7%	9	-59	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	-13	-59	-78.1%	-13	-59	0	0	0	0	0	0
Virginia	-81	-100	-19.0%	-81	-100	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	7	-8	-196.7%	7	-8	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	7	-8	-196.7%	7	-8	0	0	0	0	0	0
West South Central	-3	-10	-74.2%	-3	-10	0	0	0	0	0	0
Arkansas	7	1	790.4%	7	1	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-9	-11	-12.1%	-9	-11	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-14	-28	-50.9%	-14	-28	0	0	0	0	0	0
Arizona	6	1	347.0%	6	1	0	0	0	0	0	0
Colorado	-20	-29	-31.8%	-20	-29	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	-1	-22	-97.3%	-1	-22	0	0	0	0	0	0
California	0	-27	-99.2%	0	-27	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	6	-106.5%	0	6	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	-263	-463	-43.1%	-192	-401	-72	-61	0	0	0	0

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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, January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	152	156	-2.6%	0	0	135	139	7	8	9	9
Connecticut	50	57	-12.8%	0	0	50	57	0	0	0	0
Maine	26	29	-10.5%	0	0	13	14	7	8	7	7
Massachusetts	70	64	10.4%	0	0	68	62	0	0	2	2
New Hampshire	5	5	-5.7%	0	0	5	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	173	192	-10.2%	0	0	136	150	36	42	0	0
New Jersey	40	41	-3.4%	0	0	28	28	12	14	0	0
New York	71	80	-11.7%	0	0	54	61	17	19	0	0
Pennsylvania	62	71	-12.4%	0	0	54	62	8	9	0	0
East North Central	72	82	-12.3%	10	13	13	13	13	8	36	48
Illinois	19	23	-19.5%	0	0	0	0	0	0	19	23
Indiana	21	32	-33.2%	9	10	0	0	NM	NM	11	20
Michigan	27	21	27.1%	0	0	13	13	12	7	2	2
Ohio	1	1	-9.2%	0	0	0	0	0	0	1	1
Wisconsin	5	6	-13.3%	1	3	0	0	0	0	3	NM
West North Central	34	38	-9.4%	16	19	12	12	3	NM	4	4
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	28	31	-8.3%	10	12	12	12	3	NM	4	4
Missouri	2	2	-26.2%	2	2	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	4	5	-8.6%	4	5	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	304	348	-12.8%	0	0	171	183	15	14	118	151
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	215	262	-17.8%	0	0	108	124	0	0	107	138
Georgia	5	6	-3.2%	0	0	0	0	0	0	5	6
Maryland	25	24	4.0%	0	0	25	24	NM	NM	0	0
North Carolina	12	12	-2.4%	0	0	12	12	0	0	0	0
South Carolina	5	8	-34.3%	0	0	0	0	0	0	5	8
Virginia	41	37	11.6%	0	0	27	23	15	14	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	NM	1	NM	0	0	0	0	0	0	NM	0
Alabama	0	0	-34.5%	0	0	0	0	0	0	0	0
Kentucky	0	0	-100.0%	0	0	0	0	0	0	0	0
Mississippi	NM	0	NM	0	0	0	0	0	0	NM	0
Tennessee	0	0	-75.0%	0	0	0	0	0	0	0	0
West South Central	100	72	39.5%	0	0	0	0	0	0	100	72
Arkansas	1	3	-55.9%	0	0	0	0	0	0	1	3
Louisiana	65	34	87.9%	0	0	0	0	0	0	65	34
Oklahoma	NM	NM	NM	0	0	0	0	0	0	NM	NM
Texas	32	33	-1.3%	0	0	0	0	0	0	32	33
Mountain	47	41	13.7%	NM	NM	28	28	0	0	18	12
Arizona	0	0	-100.0%	0	0	0	0	0	0	0	0
Colorado	4	5	-11.9%	0	0	NM	NM	0	0	3	4
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	27	26	2.1%	0	0	27	26	0	0	0	0
Nevada	NM	NM	NM	NM	NM	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	15	9	61.6%	0	0	NM	NM	0	0	15	9
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	62	55	11.7%	0	0	23	24	0	0	38	31
California	44	44	-1.4%	0	0	14	14	0	0	29	30
Oregon	NM	4	NM	0	0	NM	4	0	0	0	0
Washington	15	7	97.5%	0	0	6	6	0	0	9	1
Pacific Noncontiguous	17	13	31.9%	0	0	0	0	17	13	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	17	13	31.9%	0	0	0	0	17	13	0	0
U.S. Total	960	998	-3.8%	28	33	518	548	91	88	323	328

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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 January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	152	156	-2.6%	0	0	135	139	7	8	9	9
Connecticut	50	57	-12.8%	0	0	50	57	0	0	0	0
Maine	26	29	-10.5%	0	0	13	14	7	8	7	7
Massachusetts	70	64	10.4%	0	0	68	62	0	0	2	2
New Hampshire	5	5	-5.7%	0	0	5	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	173	192	-10.2%	0	0	136	150	36	42	0	0
New Jersey	40	41	-3.4%	0	0	28	28	12	14	0	0
New York	71	80	-11.7%	0	0	54	61	17	19	0	0
Pennsylvania	62	71	-12.4%	0	0	54	62	8	9	0	0
East North Central	72	82	-12.3%	10	13	13	13	13	8	36	48
Illinois	19	23	-19.5%	0	0	0	0	0	0	19	23
Indiana	21	32	-33.2%	9	10	0	0	NM	NM	11	20
Michigan	27	21	27.1%	0	0	13	13	12	7	2	2
Ohio	1	1	-9.2%	0	0	0	0	0	0	1	1
Wisconsin	5	6	-13.3%	1	3	0	0	0	0	3	NM
West North Central	34	38	-9.4%	16	19	12	12	3	NM	4	4
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	28	31	-8.3%	10	12	12	12	3	NM	4	4
Missouri	2	2	-26.2%	2	2	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	4	5	-8.6%	4	5	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	304	348	-12.8%	0	0	171	183	15	14	118	151
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	215	262	-17.8%	0	0	108	124	0	0	107	138
Georgia	5	6	-3.2%	0	0	0	0	0	0	5	6
Maryland	25	24	4.0%	0	0	25	24	NM	NM	0	0
North Carolina	12	12	-2.4%	0	0	12	12	0	0	0	0
South Carolina	5	8	-34.3%	0	0	0	0	0	0	5	8
Virginia	41	37	11.6%	0	0	27	23	15	14	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	NM	1	NM	0	0	0	0	0	0	NM	0
Alabama	0	0	-34.5%	0	0	0	0	0	0	0	0
Kentucky	0	0	-100.0%	0	0	0	0	0	0	0	0
Mississippi	NM	0	NM	0	0	0	0	0	0	NM	0
Tennessee	0	0	-75.0%	0	0	0	0	0	0	0	0
West South Central	100	72	39.5%	0	0	0	0	0	0	100	72
Arkansas	1	3	-55.9%	0	0	0	0	0	0	1	3
Louisiana	65	34	87.9%	0	0	0	0	0	0	65	34
Oklahoma	NM	NM	NM	0	0	0	0	0	0	NM	NM
Texas	32	33	-1.3%	0	0	0	0	0	0	32	33
Mountain	47	41	13.7%	NM	NM	28	28	0	0	18	12
Arizona	0	0	-100.0%	0	0	0	0	0	0	0	0
Colorado	4	5	-11.9%	0	0	NM	NM	0	0	3	4
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	27	26	2.1%	0	0	27	26	0	0	0	0
Nevada	NM	NM	NM	NM	NM	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	15	9	61.6%	0	0	NM	NM	0	0	15	9
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	62	55	11.7%	0	0	23	24	0	0	38	31
California	44	44	-1.4%	0	0	14	14	0	0	29	30
Oregon	NM	4	NM	0	0	NM	4	0	0	0	0
Washington	15	7	97.5%	0	0	6	6	0	0	9	1
Pacific Noncontiguous	17	13	31.9%	0	0	0	0	17	13	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	17	13	31.9%	0	0	0	0	17	13	0	0
U.S. Total	960	998	-3.8%	28	33	518	548	91	88	323	328

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, January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	221	187	17.7%	24	17	194	169	NM	NM	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	120	106	13.1%	0	0	120	106	0	0	0	0
Massachusetts	24	20	18.7%	NM	NM	14	13	NM	NM	0	0
New Hampshire	45	38	19.5%	0	0	45	38	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	31	23	34.8%	17	11	14	12	0	0	0	0
Middle Atlantic	864	772	11.9%	0	0	862	771	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	457	422	8.3%	0	0	456	421	0	0	NM	NM
Pennsylvania	405	348	16.2%	0	0	405	348	0	0	0	0
East North Central	2,555	2,214	15.4%	247	215	2,306	1,999	NM	NM	NM	NM
Illinois	1,336	1,156	15.6%	NM	NM	1,334	1,154	0	0	0	0
Indiana	415	450	-7.8%	0	0	415	450	NM	NM	0	0
Michigan	429	275	56.2%	107	94	322	181	0	0	0	0
Ohio	165	138	19.5%	NM	NM	161	136	0	0	NM	NM
Wisconsin	210	195	7.8%	136	118	74	77	0	0	0	0
West North Central	5,295	4,364	21.3%	1,661	1,437	3,631	2,924	NM	NM	0	0
Iowa	1,849	1,663	11.1%	1,025	931	823	732	NM	NM	0	0
Kansas	972	728	33.7%	78	51	894	677	0	0	0	0
Minnesota	1,027	843	21.8%	223	198	801	643	NM	NM	0	0
Missouri	141	120	17.4%	0	0	141	120	0	0	0	0
Nebraska	226	152	48.7%	23	21	203	130	0	0	0	0
North Dakota	754	598	26.2%	236	180	518	418	0	0	0	0
South Dakota	326	260	25.1%	75	57	251	204	0	0	0	0
South Atlantic	209	210	-0.6%	0	0	208	210	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	35	35	1.3%	0	0	35	35	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	173	175	-1.0%	0	0	173	175	0	0	0	0
East South Central	7	5	52.4%	0	0	7	5	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	7	5	52.4%	0	0	7	5	0	0	0	0
West South Central	5,043	3,476	45.1%	213	158	4,830	3,317	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	1,177	826	42.4%	185	132	992	694	0	0	0	0
Texas	3,866	2,649	45.9%	28	26	3,838	2,623	0	0	0	0
Mountain	2,262	1,896	19.3%	327	285	1,934	1,611	NM	NM	NM	NM
Arizona	29	35	-16.9%	0	0	29	35	0	0	0	0
Colorado	817	672	21.5%	21	8	796	664	0	0	NM	NM
Idaho	256	209	22.7%	13	10	243	199	0	0	0	0
Montana	255	204	25.2%	33	10	222	194	0	0	0	0
Nevada	15	13	11.7%	0	0	15	13	0	0	0	0
New Mexico	248	190	30.8%	0	0	248	189	NM	NM	0	0
Utah	28	22	28.9%	0	0	28	22	0	0	0	0
Wyoming	613	551	11.4%	260	257	353	294	0	0	0	0
Pacific Contiguous	1,476	1,463	0.9%	329	346	1,146	1,116	NM	NM	NM	NM
California	564	508	10.9%	35	25	528	483	NM	NM	NM	NM
Oregon	463	451	2.7%	74	71	389	379	0	0	0	0
Washington	449	504	-10.8%	220	250	229	254	0	0	0	0
Pacific Noncontiguous	57	47	21.2%	NM	NM	45	38	0	0	0	0
Alaska	18	14	26.1%	NM	NM	NM	NM	0	0	0	0
Hawaii	39	33	19.1%	0	0	39	33	0	0	0	0
U.S. Total	17,989	14,633	22.9%	2,812	2,468	15,165	12,159	NM	NM	NM	NM

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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 January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	221	187	17.7%	24	17	194	169	NM	NM	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	120	106	13.1%	0	0	120	106	0	0	0	0
Massachusetts	24	20	18.7%	NM	NM	14	13	NM	NM	0	0
New Hampshire	45	38	19.5%	0	0	45	38	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	31	23	34.8%	17	11	14	12	0	0	0	0
Middle Atlantic	864	772	11.9%	0	0	862	771	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	457	422	8.3%	0	0	456	421	0	0	NM	NM
Pennsylvania	405	348	16.2%	0	0	405	348	0	0	0	0
East North Central	2,555	2,214	15.4%	247	215	2,306	1,999	NM	NM	NM	NM
Illinois	1,336	1,156	15.6%	NM	NM	1,334	1,154	0	0	0	0
Indiana	415	450	-7.8%	0	0	415	450	NM	NM	0	0
Michigan	429	275	56.2%	107	94	322	181	0	0	0	0
Ohio	165	138	19.5%	NM	NM	161	136	0	0	NM	NM
Wisconsin	210	195	7.8%	136	118	74	77	0	0	0	0
West North Central	5,295	4,364	21.3%	1,661	1,437	3,631	2,924	NM	NM	0	0
Iowa	1,849	1,663	11.1%	1,025	931	823	732	NM	NM	0	0
Kansas	972	728	33.7%	78	51	894	677	0	0	0	0
Minnesota	1,027	843	21.8%	223	198	801	643	NM	NM	0	0
Missouri	141	120	17.4%	0	0	141	120	0	0	0	0
Nebraska	226	152	48.7%	23	21	203	130	0	0	0	0
North Dakota	754	598	26.2%	236	180	518	418	0	0	0	0
South Dakota	326	260	25.1%	75	57	251	204	0	0	0	0
South Atlantic	209	210	-0.6%	0	0	208	210	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	35	35	1.3%	0	0	35	35	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	173	175	-1.0%	0	0	173	175	0	0	0	0
East South Central	7	5	52.4%	0	0	7	5	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	7	5	52.4%	0	0	7	5	0	0	0	0
West South Central	5,043	3,476	45.1%	213	158	4,830	3,317	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	1,177	826	42.4%	185	132	992	694	0	0	0	0
Texas	3,866	2,649	45.9%	28	26	3,838	2,623	0	0	0	0
Mountain	2,262	1,896	19.3%	327	285	1,934	1,611	NM	NM	NM	NM
Arizona	29	35	-16.9%	0	0	29	35	0	0	0	0
Colorado	817	672	21.5%	21	8	796	664	0	0	NM	NM
Idaho	256	209	22.7%	13	10	243	199	0	0	0	0
Montana	255	204	25.2%	33	10	222	194	0	0	0	0
Nevada	15	13	11.7%	0	0	15	13	0	0	0	0
New Mexico	248	190	30.8%	0	0	248	189	NM	NM	0	0
Utah	28	22	28.9%	0	0	28	22	0	0	0	0
Wyoming	613	551	11.4%	260	257	353	294	0	0	0	0
Pacific Contiguous	1,476	1,463	0.9%	329	346	1,146	1,116	NM	NM	NM	NM
California	564	508	10.9%	35	25	528	483	NM	NM	NM	NM
Oregon	463	451	2.7%	74	71	389	379	0	0	0	0
Washington	449	504	-10.8%	220	250	229	254	0	0	0	0
Pacific Noncontiguous	57	47	21.2%	NM	NM	45	38	0	0	0	0
Alaska	18	14	26.1%	NM	NM	NM	NM	0	0	0	0
Hawaii	39	33	19.1%	0	0	39	33	0	0	0	0
U.S. Total	17,989	14,633	22.9%	2,812	2,468	15,165	12,159	NM	NM	NM	NM

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

Table 1.18.A. Net Generation from Biomass
by State, by Sector, January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	681	653	4.3%	65	63	420	385	13	NM	184	194
Connecticut	67	53	25.8%	0	0	67	53	0	0	0	0
Maine	288	298	-3.2%	0	0	148	143	10	NM	131	146
Massachusetts	147	135	8.9%	0	0	94	87	NM	NM	52	47
New Hampshire	128	118	8.1%	34	34	91	81	NM	NM	0	0
Rhode Island	8	8	-2.3%	0	0	8	8	0	0	0	0
Vermont	44	41	6.0%	31	29	13	12	NM	NM	0	0
Middle Atlantic	455	444	2.5%	0	0	339	334	43	45	72	65
New Jersey	78	79	-1.5%	0	0	65	64	13	15	0	0
New York	180	171	5.1%	0	0	137	130	20	20	23	21
Pennsylvania	197	194	1.8%	0	0	138	140	10	11	50	44
East North Central	481	491	-2.2%	45	46	273	284	17	NM	145	151
Illinois	49	51	-3.8%	0	0	49	51	NM	NM	0	0
Indiana	22	26	-17.3%	18	23	0	0	NM	NM	NM	NM
Michigan	231	208	11.0%	0	0	147	136	14	NM	70	65
Ohio	38	62	-38.5%	NM	NM	10	32	0	0	27	29
Wisconsin	140	143	-2.3%	26	22	67	64	NM	NM	46	56
West North Central	182	186	-2.3%	43	44	89	91	8	NM	43	46
Iowa	14	12	15.6%	2	2	7	7	NM	NM	2	0
Kansas	4	4	-0.3%	0	0	4	4	0	0	0	0
Minnesota	150	159	-5.6%	34	34	76	78	NM	NM	39	45
Missouri	8	6	42.1%	3	4	NM	NM	2	0	NM	NM
Nebraska	5	5	0.4%	4	4	0	0	NM	NM	0	0
North Dakota	NM	NM	NM	0	0	0	0	0	0	NM	NM
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	1,513	1,330	13.7%	142	77	501	418	27	25	844	810
Delaware	5	5	-0.9%	0	0	5	5	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	415	386	7.5%	8	8	231	192	NM	NM	173	183
Georgia	345	293	17.8%	0	0	49	19	NM	NM	293	271
Maryland	47	45	4.7%	0	0	30	29	NM	NM	14	12
North Carolina	205	229	-10.3%	0	0	107	110	0	0	99	119
South Carolina	190	160	18.8%	39	33	NM	NM	0	0	150	126
Virginia	304	211	44.0%	95	36	76	60	18	16	116	98
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	524	516	1.6%	8	8	21	17	0	0	496	491
Alabama	271	281	-3.7%	NM	NM	19	15	0	0	252	266
Kentucky	45	27	63.9%	8	8	0	0	0	0	37	20
Mississippi	125	120	4.3%	0	0	0	0	0	0	125	120
Tennessee	84	88	-4.7%	0	0	2	2	0	0	82	86
West South Central	506	529	-4.5%	0	0	67	59	NM	NM	435	467
Arkansas	129	151	-14.3%	0	0	8	8	NM	NM	120	142
Louisiana	218	219	-0.5%	0	0	5	5	0	0	213	214
Oklahoma	28	29	-5.0%	0	0	0	0	0	0	28	29
Texas	131	131	0.4%	0	0	53	45	NM	NM	74	82
Mountain	68	67	0.8%	2	2	36	33	0	NM	29	32
Arizona	18	13	38.2%	2	2	16	11	0	NM	0	0
Colorado	5	NM	NM	0	0	5	NM	0	0	0	0
Idaho	38	43	-10.9%	0	0	9	11	0	0	29	32
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	5	5	-1.0%	0	0	5	5	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	780	812	-4.0%	64	60	428	435	90	90	198	228
California	562	581	-3.2%	18	20	395	405	88	88	61	69
Oregon	77	81	-4.3%	5	5	25	23	NM	NM	45	50
Washington	140	151	-7.0%	40	35	7	7	0	0	93	108
Pacific Noncontiguous	30	27	8.9%	3	5	0	0	17	13	10	NM
Alaska	0	NM	NM	0	0	0	0	0	0	0	NM
Hawaii	30	27	9.8%	3	5	0	0	17	13	10	NM
U.S. Total	5,218	5,057	3.2%	371	305	2,173	2,055	218	204	2,456	2,493

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 January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	681	653	4.3%	65	63	420	385	13	NM	184	194
Connecticut	67	53	25.8%	0	0	67	53	0	0	0	0
Maine	288	298	-3.2%	0	0	148	143	10	NM	131	146
Massachusetts	147	135	8.9%	0	0	94	87	NM	NM	52	47
New Hampshire	128	118	8.1%	34	34	91	81	NM	NM	0	0
Rhode Island	8	8	-2.3%	0	0	8	8	0	0	0	0
Vermont	44	41	6.0%	31	29	13	12	NM	NM	0	0
Middle Atlantic	455	444	2.5%	0	0	339	334	43	45	72	65
New Jersey	78	79	-1.5%	0	0	65	64	13	15	0	0
New York	180	171	5.1%	0	0	137	130	20	20	23	21
Pennsylvania	197	194	1.8%	0	0	138	140	10	11	50	44
East North Central	481	491	-2.2%	45	46	273	284	17	NM	145	151
Illinois	49	51	-3.8%	0	0	49	51	NM	NM	0	0
Indiana	22	26	-17.3%	18	23	0	0	NM	NM	NM	NM
Michigan	231	208	11.0%	0	0	147	136	14	NM	70	65
Ohio	38	62	-38.5%	NM	NM	10	32	0	0	27	29
Wisconsin	140	143	-2.3%	26	22	67	64	NM	NM	46	56
West North Central	182	186	-2.3%	43	44	89	91	8	NM	43	46
Iowa	14	12	15.6%	2	2	7	7	NM	NM	2	0
Kansas	4	4	-0.3%	0	0	4	4	0	0	0	0
Minnesota	150	159	-5.6%	34	34	76	78	NM	NM	39	45
Missouri	8	6	42.1%	3	4	NM	NM	2	0	NM	NM
Nebraska	5	5	0.4%	4	4	0	0	NM	NM	0	0
North Dakota	NM	NM	NM	0	0	0	0	0	0	NM	NM
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	1,513	1,330	13.7%	142	77	501	418	27	25	844	810
Delaware	5	5	-0.9%	0	0	5	5	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	415	386	7.5%	8	8	231	192	NM	NM	173	183
Georgia	345	293	17.8%	0	0	49	19	NM	NM	293	271
Maryland	47	45	4.7%	0	0	30	29	NM	NM	14	12
North Carolina	205	229	-10.3%	0	0	107	110	0	0	99	119
South Carolina	190	160	18.8%	39	33	NM	NM	0	0	150	126
Virginia	304	211	44.0%	95	36	76	60	18	16	116	98
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	524	516	1.6%	8	8	21	17	0	0	496	491
Alabama	271	281	-3.7%	NM	NM	19	15	0	0	252	266
Kentucky	45	27	63.9%	8	8	0	0	0	0	37	20
Mississippi	125	120	4.3%	0	0	0	0	0	0	125	120
Tennessee	84	88	-4.7%	0	0	2	2	0	0	82	86
West South Central	506	529	-4.5%	0	0	67	59	NM	NM	435	467
Arkansas	129	151	-14.3%	0	0	8	8	NM	NM	120	142
Louisiana	218	219	-0.5%	0	0	5	5	0	0	213	214
Oklahoma	28	29	-5.0%	0	0	0	0	0	0	28	29
Texas	131	131	0.4%	0	0	53	45	NM	NM	74	82
Mountain	68	67	0.8%	2	2	36	33	0	NM	29	32
Arizona	18	13	38.2%	2	2	16	11	0	NM	0	0
Colorado	5	NM	NM	0	0	5	NM	0	0	0	0
Idaho	38	43	-10.9%	0	0	9	11	0	0	29	32
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	5	5	-1.0%	0	0	5	5	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	780	812	-4.0%	64	60	428	435	90	90	198	228
California	562	581	-3.2%	18	20	395	405	88	88	61	69
Oregon	77	81	-4.3%	5	5	25	23	NM	NM	45	50
Washington	140	151	-7.0%	40	35	7	7	0	0	93	108
Pacific Noncontiguous	30	27	8.9%	3	5	0	0	17	13	10	NM
Alaska	0	NM	NM	0	0	0	0	0	0	0	NM
Hawaii	30	27	9.8%	3	5	0	0	17	13	10	NM
U.S. Total	5,218	5,057	3.2%	371	305	2,173	2,055	218	204	2,456	2,493

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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, January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
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	316	294	7.5%	26	25	290	269	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	8	9	-5.0%	0	0	8	9	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	257	253	1.8%	0	0	257	253	0	0	0	0
New Mexico	NM	0	--	0	0	NM	0	0	0	0	0
Utah	49	32	51.1%	26	25	23	7	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,056	1,132	-6.8%	72	74	983	1,058	0	0	0	0
California	1,035	1,113	-7.0%	72	74	963	1,039	0	0	0	0
Oregon	20	19	5.0%	0	0	20	19	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	25	17	46.3%	0	0	25	17	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	25	17	46.3%	0	0	25	17	0	0	0	0
U.S. Total	1,396	1,443	-3.2%	98	99	1,298	1,344	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 January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 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	316	294	7.5%	26	25	290	269	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	8	9	-5.0%	0	0	8	9	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	257	253	1.8%	0	0	257	253	0	0	0	0
New Mexico	NM	0	--	0	0	NM	0	0	0	0	0
Utah	49	32	51.1%	26	25	23	7	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,056	1,132	-6.8%	72	74	983	1,058	0	0	0	0
California	1,035	1,113	-7.0%	72	74	963	1,039	0	0	0	0
Oregon	20	19	5.0%	0	0	20	19	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	25	17	46.3%	0	0	25	17	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	25	17	46.3%	0	0	25	17	0	0	0	0
U.S. Total	1,396	1,443	-3.2%	98	99	1,298	1,344	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.
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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, January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	10	NM	NM	NM	NM	NM	NM	0	NM	0	0
Connecticut	NM	0	--	0	0	NM	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	NM	NM	NM	NM	NM	NM	NM	0	NM	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	NM	0	--	0	0	NM	0	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	37	25	47.5%	NM	NM	29	20	NM	NM	NM	NM
New Jersey	28	20	42.9%	NM	NM	21	14	NM	NM	NM	NM
New York	NM	3	NM	0	0	NM	3	0	0	0	0
Pennsylvania	NM	NM	NM	0	0	NM	NM	NM	NM	NM	NM
East North Central	13	NM	NM	NM	NM	12	NM	NM	NM	0	0
Illinois	NM	NM	NM	0	0	NM	NM	0	0	0	0
Indiana	NM	NM	NM	0	0	NM	NM	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	NM	NM	NM	0	0	NM	NM	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	NM	NM	NM	0	0	NM	NM	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	67	26	153.6%	10	10	49	16	7	NM	0	0
Delaware	NM	NM	NM	NM	0	NM	NM	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	12	12	5.2%	9	9	NM	NM	NM	NM	0	0
Georgia	6	NM	NM	0	0	6	NM	NM	NM	0	0
Maryland	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
North Carolina	40	NM	NM	NM	NM	33	NM	NM	0	0	0
South Carolina	NM	0	--	0	0	NM	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	NM	NM	NM	0	0	NM	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	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
West South Central	14	7	91.0%	0	0	14	7	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	14	7	91.0%	0	0	14	7	NM	NM	0	0
Mountain	242	157	53.7%	19	11	220	143	NM	NM	NM	NM
Arizona	169	88	91.7%	14	NM	153	79	NM	NM	0	0
Colorado	8	10	-26.3%	0	0	7	10	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	48	40	20.6%	0	0	48	38	NM	NM	NM	NM
New Mexico	17	19	-10.4%	NM	NM	12	16	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	388	91	326.9%	22	14	361	74	NM	NM	NM	NM
California	386	90	329.8%	21	13	360	73	NM	NM	NM	NM
Oregon	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Washington	0	0	-29.5%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	0	0	NM	NM	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	NM	NM	NM	0	0	NM	NM	0	0	0	0
U.S. Total	774	319	143.0%	55	37	699	271	19	NM	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 January 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	10	NM	NM	NM	NM	NM	NM	0	NM	0	0
Connecticut	NM	0	--	0	0	NM	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	NM	NM	NM	NM	NM	NM	NM	0	NM	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	NM	0	--	0	0	NM	0	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	37	25	47.5%	NM	NM	29	20	NM	NM	NM	NM
New Jersey	28	20	42.9%	NM	NM	21	14	NM	NM	NM	NM
New York	NM	3	NM	0	0	NM	3	0	0	0	0
Pennsylvania	NM	NM	NM	0	0	NM	NM	NM	NM	NM	NM
East North Central	13	NM	NM	NM	NM	12	NM	NM	NM	0	0
Illinois	NM	NM	NM	0	0	NM	NM	0	0	0	0
Indiana	NM	NM	NM	0	0	NM	NM	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	NM	NM	NM	0	0	NM	NM	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	NM	NM	NM	0	0	NM	NM	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	67	26	153.6%	10	10	49	16	7	NM	0	0
Delaware	NM	NM	NM	NM	0	NM	NM	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	12	12	5.2%	9	9	NM	NM	NM	NM	0	0
Georgia	6	NM	NM	0	0	6	NM	NM	NM	0	0
Maryland	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
North Carolina	40	NM	NM	NM	NM	33	NM	NM	0	0	0
South Carolina	NM	0	--	0	0	NM	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	NM	NM	NM	0	0	NM	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	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
West South Central	14	7	91.0%	0	0	14	7	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	14	7	91.0%	0	0	14	7	NM	NM	0	0
Mountain	242	157	53.7%	19	11	220	143	NM	NM	NM	NM
Arizona	169	88	91.7%	14	NM	153	79	NM	NM	0	0
Colorado	8	10	-26.3%	0	0	7	10	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	48	40	20.6%	0	0	48	38	NM	NM	NM	NM
New Mexico	17	19	-10.4%	NM	NM	12	16	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	388	91	326.9%	22	14	361	74	NM	NM	NM	NM
California	386	90	329.8%	21	13	360	73	NM	NM	NM	NM
Oregon	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Washington	0	0	-29.5%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	0	0	NM	NM	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	NM	NM	NM	0	0	NM	NM	0	0	0	0
U.S. Total	774	319	143.0%	55	37	699	271	19	NM	NM	NM

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

Table 2.1.A. Coal: Consumption for Electricity Generation, by Sector, 2004-January 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	1,020,523	772,224	240,235	377	7,687
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	860,790	639,290	216,566	309	4,624
2012					
January	70,744	52,338	17,967	29	410
February	62,974	46,908	15,665	27	374
March	57,468	43,413	13,640	26	388
April	51,806	39,920	11,507	23	356
May	62,801	46,900	15,517	22	361
June	71,656	53,708	17,543	26	379
July	86,516	64,433	21,603	28	452
August	82,676	61,480	20,730	28	439
Sept	69,478	51,516	17,558	24	381
October	66,486	49,060	17,044	21	361
November	69,913	51,276	18,245	25	366
December	73,217	54,516	18,275	27	398
2013					
January	74,985	55,784	18,811	31	359
February	67,141	49,137	17,629	28	347
March	70,395	52,109	17,863	29	393
April	60,899	45,635	14,899	23	342
May	64,737	48,361	15,956	26	394
June	75,178	56,074	18,665	28	410
July	83,223	61,415	21,335	28	444
August	81,984	61,498	20,055	26	404
Sept	72,704	53,246	19,047	23	388
October	66,359	49,556	16,412	20	371
November	65,902	49,712	15,797	22	371
December	77,283	56,761	20,096	25	401
2014					
January	83,710	62,409	20,839	34	429
Year to Date					
2012	70,744	52,338	17,967	29	410
2013	74,985	55,784	18,811	31	359
2014	83,710	62,409	20,839	34	429
Rolling 12 Months Ending in January					
2013	829,975	618,913	206,139	309	4,614
2014	869,515	645,915	218,594	312	4,694

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 2012 and prior years are final. Values for 2013 and 2014 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, 2004-January 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	24,275	0	3,809	1,540	18,926
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	18,587	0	2,494	1,103	14,989
2012					
January	2,021	0	289	127	1,605
February	1,797	0	232	108	1,458
March	1,609	0	212	101	1,295
April	1,370	0	166	79	1,125
May	1,518	0	230	86	1,202
June	1,486	0	229	83	1,174
July	1,598	0	247	91	1,260
August	1,631	0	275	93	1,264
Sept	1,473	0	235	83	1,154
October	1,545	0	239	80	1,226
November	1,600	0	218	99	1,283
December	1,685	0	218	113	1,354
2013					
January	1,688	0	203	117	1,369
February	1,544	0	178	111	1,255
March	1,671	0	242	107	1,322
April	1,468	0	191	86	1,191
May	1,498	0	226	88	1,183
June	1,469	0	225	78	1,166
July	1,523	0	236	75	1,212
August	1,503	0	234	79	1,190
Sept	1,434	0	199	77	1,157
October	1,550	0	196	78	1,276
November	1,585	0	179	98	1,308
December	1,654	0	186	109	1,359
2014					
January	1,700	0	211	115	1,374
Year to Date					
2012	2,021	0	289	127	1,605
2013	1,688	0	203	117	1,369
2014	1,700	0	211	115	1,374
Rolling 12 Months Ending in January					
2013	19,001	0	2,703	1,134	15,164
2014	18,599	0	2,503	1,101	14,995

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 2012 and prior years are final. Values for 2013 and 2014 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, 2004-January 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	1,044,798	772,224	244,044	1,917	26,613
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	879,377	639,290	219,061	1,412	19,613
2012					
January	72,764	52,338	18,256	155	2,015
February	64,771	46,908	15,897	135	1,832
March	59,077	43,413	13,852	128	1,684
April	53,176	39,920	11,673	102	1,481
May	64,319	46,900	15,748	108	1,563
June	73,142	53,708	17,772	109	1,553
July	88,115	64,433	21,850	120	1,712
August	84,307	61,480	21,004	120	1,703
Sept	70,951	51,516	17,793	107	1,535
October	68,030	49,060	17,283	101	1,587
November	71,512	51,276	18,464	124	1,649
December	74,901	54,516	18,493	141	1,751
2013					
January	76,673	55,784	19,014	148	1,728
February	68,685	49,137	17,807	139	1,601
March	72,066	52,109	18,105	136	1,716
April	62,367	45,635	15,090	108	1,533
May	66,235	48,361	16,183	114	1,577
June	76,646	56,074	18,890	105	1,576
July	84,745	61,415	21,571	103	1,656
August	83,487	61,498	20,290	105	1,594
Sept	74,138	53,246	19,247	100	1,545
October	67,909	49,556	16,608	98	1,647
November	67,487	49,712	15,976	120	1,679
December	78,938	56,761	20,282	134	1,760
2014					
January	85,411	62,409	21,050	149	1,803
Year to Date					
2012	72,764	52,338	18,256	155	2,015
2013	76,673	55,784	19,014	148	1,728
2014	85,411	62,409	21,050	149	1,803
Rolling 12 Months Ending in January					
2013	848,975	618,913	208,842	1,442	19,778
2014	888,114	645,915	221,097	1,413	19,689

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 2012 and prior years are final. Values for 2013 and 2014 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, 2004-January 2014 (Thousand Barrels)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	165,107	103,793	56,342	760	4,212
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	22,751	16,429	5,515	305	501
2012					
January	1,933	1,495	317	28	93
February	1,544	1,245	218	18	64
March	1,629	1,360	188	16	65
April	1,612	1,339	204	17	52
May	1,864	1,441	341	25	57
June	2,320	1,733	519	24	44
July	2,683	2,032	568	32	51
August	2,014	1,597	338	27	52
Sept	1,591	1,279	242	18	51
October	1,722	1,372	265	21	64
November	1,648	1,282	294	23	48
December	2,045	1,345	617	23	60
2013					
January	2,814	1,735	967	NM	59
February	1,819	1,214	536	NM	39
March	1,582	1,275	251	14	42
April	1,598	1,266	273	17	41
May	1,749	1,348	332	19	49
June	1,675	1,281	338	NM	35
July	2,706	1,848	772	42	45
August	1,775	1,422	289	19	44
Sept	1,602	1,170	381	NM	35
October	1,494	1,202	243	14	34
November	1,583	1,249	282	16	36
December	2,353	1,417	852	NM	43
2014					
January	10,375	4,600	5,466	NM	100
Year to Date					
2012	1,933	1,495	317	28	93
2013	2,814	1,735	967	NM	59
2014	10,375	4,600	5,466	NM	100
Rolling 12 Months Ending in January					
2013	23,486	17,761	4,760	NM	668
2014	30,312	19,294	10,014	NM	542

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 2012 and prior years are final. Values for 2013 and 2014 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, 2004-January 2014 (Thousand Barrels)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	20,654	0	1,501	1,203	17,951
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	2,939	0	1,044	148	1,747
2012					
January	554	0	117	51	386
February	242	0	81	4	158
March	267	0	53	8	207
April	211	0	66	2	144
May	229	0	86	2	141
June	215	0	90	4	121
July	222	0	82	23	117
August	221	0	82	7	132
Sept	194	0	79	2	112
October	271	0	87	2	182
November	228	0	84	8	135
December	242	0	85	8	149
2013					
January	283	0	60	NM	199
February	256	0	79	NM	162
March	237	0	89	7	140
April	261	0	90	8	163
May	262	0	92	10	160
June	240	0	86	NM	144
July	254	0	90	18	146
August	245	0	90	9	146
Sept	207	0	94	NM	105
October	214	0	95	7	112
November	212	0	88	8	116
December	268	0	93	NM	155
2014					
January	676	0	172	NM	404
Year to Date					
2012	554	0	117	51	386
2013	283	0	60	NM	199
2014	676	0	172	NM	404
Rolling 12 Months Ending in January					
2013	2,826	0	935	NM	1,796
2014	3,332	0	1,157	NM	1,953

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 2012 and prior years are final. Values for 2013 and 2014 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, 2004-January 2014 (Thousand Barrels)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	185,761	103,793	57,843	1,963	22,162
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	25,690	16,429	6,559	453	2,249
2012					
January	2,487	1,495	433	79	479
February	1,787	1,245	299	22	222
March	1,897	1,360	241	24	272
April	1,824	1,339	270	18	196
May	2,093	1,441	427	27	198
June	2,534	1,733	608	28	165
July	2,905	2,032	650	55	167
August	2,236	1,597	421	34	184
Sept	1,784	1,279	322	20	163
October	1,993	1,372	351	23	246
November	1,875	1,282	378	32	184
December	2,287	1,345	702	31	209
2013					
January	3,097	1,735	1,027	NM	258
February	2,075	1,214	615	NM	201
March	1,818	1,275	339	22	182
April	1,859	1,266	363	25	204
May	2,011	1,348	424	30	209
June	1,915	1,281	424	NM	179
July	2,961	1,848	862	60	191
August	2,020	1,422	379	28	190
Sept	1,810	1,170	474	NM	139
October	1,708	1,202	339	21	146
November	1,795	1,249	370	24	152
December	2,621	1,417	945	NM	198
2014					
January	11,051	4,600	5,638	NM	504
Year to Date					
2012	2,487	1,495	433	79	479
2013	3,097	1,735	1,027	NM	258
2014	11,051	4,600	5,638	NM	504
Rolling 12 Months Ending in January					
2013	26,312	17,761	5,695	NM	2,464
2014	33,644	19,294	11,171	NM	2,495

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 2012 and prior years are final. Values for 2013 and 2014 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, 2004-January 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	7,677	4,150	2,985	1	541
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	4,893	3,409	798	1	684
2012					
January	476	297	92	0	87
February	363	230	77	0	56
March	226	107	61	0	58
April	212	120	37	0	55
May	255	150	51	0	55
June	280	169	53	0	58
July	307	182	62	0	63
August	338	170	87	0	80
Sept	314	180	61	0	73
October	280	156	64	0	60
November	314	175	55	0	84
December	308	170	56	0	82
2013					
January	382	253	70	0	59
February	313	220	64	0	29
March	371	236	69	0	65
April	347	217	64	0	67
May	475	361	43	0	72
June	481	348	64	0	70
July	480	337	73	0	71
August	495	332	94	0	69
Sept	452	326	62	0	65
October	408	289	67	0	52
November	309	217	61	0	30
December	378	272	69	0	36
2014					
January	446	349	55	0	42
Year to Date					
2012	476	297	92	0	87
2013	382	253	70	0	59
2014	446	349	55	0	42
Rolling 12 Months Ending in January					
2013	3,580	2,061	734	1	784
2014	4,956	3,505	783	1	667

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 2012 and prior years are final. Values for 2013 and 2014 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, 2004-January 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	1,043	0	237	8	798
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	1,144	0	109	11	1,024
2012					
January	128	0	11	1	116
February	108	0	11	1	96
March	108	0	10	1	97
April	87	0	9	0	78
May	91	0	11	0	80
June	100	0	6	0	94
July	118	0	9	1	108
August	133	0	10	1	122
Sept	116	0	9	1	105
October	117	0	9	1	107
November	122	0	9	1	112
December	118	0	10	1	107
2013					
January	143	0	10	2	131
February	127	0	9	1	117
March	105	0	10	1	94
April	104	0	10	0	93
May	51	0	9	0	42
June	57	0	6	0	50
July	70	0	9	0	61
August	67	0	10	1	56
Sept	68	0	8	1	59
October	109	0	10	1	98
November	111	0	9	1	101
December	132	0	9	1	122
2014					
January	84	0	9	2	74
Year to Date					
2012	128	0	11	1	116
2013	143	0	10	2	131
2014	84	0	9	2	74
Rolling 12 Months Ending in January					
2013	1,361	0	113	11	1,237
2014	1,086	0	108	11	967

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.
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Values for 2012 and prior years are final. Values for 2013 and 2014 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, 2004-January 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	8,721	4,150	3,223	9	1,339
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	6,037	3,409	907	12	1,708
2012					
January	605	297	103	2	203
February	470	230	88	1	152
March	335	107	72	1	155
April	299	120	46	0	133
May	346	150	61	0	135
June	380	169	59	0	152
July	426	182	72	1	171
August	471	170	97	1	203
Sept	430	180	70	1	178
October	397	156	73	1	167
November	435	175	63	1	196
December	426	170	66	1	188
2013					
January	525	253	80	2	190
February	440	220	73	2	146
March	476	236	79	2	159
April	451	217	74	0	160
May	526	361	51	0	114
June	538	348	70	0	120
July	551	337	82	0	132
August	562	332	103	2	125
Sept	520	326	69	1	124
October	517	289	76	1	150
November	420	217	71	1	131
December	511	272	79	2	158
2014					
January	530	349	64	2	116
Year to Date					
2012	605	297	103	2	203
2013	525	253	80	2	190
2014	530	349	64	2	116
Rolling 12 Months Ending in January					
2013	4,941	2,061	847	13	2,021
2014	6,042	3,505	891	12	1,634

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.
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Values for 2012 and prior years are final. Values for 2013 and 2014 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, 2004-January 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	5,674,580	1,809,443	3,265,896	32,839	566,401
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	8,512,483	3,771,496	4,053,122	59,615	628,250
2012					
January	677,117	285,194	335,785	5,065	51,072
February	672,278	274,977	343,616	4,955	48,730
March	703,533	295,548	354,510	5,129	48,345
April	741,560	321,202	367,445	5,044	47,869
May	843,383	376,968	407,974	5,263	53,180
June	912,469	403,071	448,815	5,838	54,745
July	1,118,369	492,043	559,652	7,312	59,363
August	1,038,691	447,137	526,648	5,924	58,982
Sept	835,109	358,829	417,952	5,014	53,314
October	700,348	304,811	339,272	4,621	51,645
November	611,680	265,122	290,769	4,472	51,317
December	630,173	277,026	293,821	4,479	54,847
2013					
January	660,483	288,189	311,941	5,215	55,139
February	593,069	260,059	278,320	4,742	49,948
March	632,112	279,997	293,914	4,825	53,375
April	587,434	256,764	278,391	4,360	47,920
May	640,799	284,120	301,791	4,603	50,285
June	764,875	347,318	360,702	4,804	52,051
July	938,552	414,301	463,547	5,655	55,049
August	929,275	425,592	443,239	5,558	54,886
Sept	777,304	348,801	373,772	4,881	49,850
October	665,310	295,788	314,502	4,534	50,486
November	629,045	267,622	303,282	5,004	53,136
December	694,225	302,944	329,721	5,435	56,125
2014					
January	689,214	307,815	322,713	5,216	53,470
Year to Date					
2012	677,117	285,194	335,785	5,065	51,072
2013	660,483	288,189	311,941	5,215	55,139
2014	689,214	307,815	322,713	5,216	53,470
Rolling 12 Months Ending in January					
2013	9,468,076	4,104,922	4,662,415	63,266	637,474
2014	8,541,213	3,791,122	4,063,895	59,616	626,581

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.
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Values for 2012 and prior years are final. Values for 2013 and 2014 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, 2004-January 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	1,052,100	0	388,424	39,233	624,443
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	894,276	0	328,668	46,974	518,634
2012					
January	75,174	0	27,843	4,072	43,259
February	69,960	0	25,937	3,869	40,154
March	70,324	0	24,040	3,743	42,542
April	71,587	0	25,691	3,484	42,412
May	72,877	0	27,525	3,543	41,808
June	74,822	0	27,995	3,799	43,028
July	82,618	0	29,994	4,798	47,827
August	80,621	0	30,153	4,661	45,807
Sept	72,357	0	25,807	4,292	42,258
October	70,985	0	25,112	4,005	41,867
November	69,240	0	23,855	3,809	41,577
December	75,537	0	28,655	3,809	43,073
2013					
January	79,175	0	28,632	4,177	46,366
February	71,309	0	26,425	3,788	41,096
March	76,008	0	27,352	3,992	44,664
April	71,503	0	26,324	3,495	41,684
May	73,698	0	27,093	3,553	43,051
June	69,923	0	25,972	3,453	40,498
July	74,228	0	28,020	4,051	42,157
August	77,109	0	29,610	3,945	43,553
Sept	71,563	0	26,806	3,531	41,226
October	72,355	0	25,995	3,848	42,513
November	74,937	0	27,288	4,237	43,412
December	82,468	0	29,151	4,904	48,413
2014					
January	83,127	0	30,995	4,491	47,641
Year to Date					
2012	75,174	0	27,843	4,072	43,259
2013	79,175	0	28,632	4,177	46,366
2014	83,127	0	30,995	4,491	47,641
Rolling 12 Months Ending in January					
2013	890,103	0	323,396	47,988	518,719
2014	898,227	0	331,031	47,288	519,908

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.
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Values for 2012 and prior years are final. Values for 2013 and 2014 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, 2004-January 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	6,726,679	1,809,443	3,654,320	72,072	1,190,844
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	9,406,758	3,771,496	4,381,789	106,589	1,146,884
2012					
January	752,291	285,194	363,628	9,137	94,331
February	742,237	274,977	369,553	8,824	88,883
March	773,857	295,548	378,550	8,872	90,887
April	813,147	321,202	393,136	8,528	90,281
May	916,260	376,968	435,499	8,806	94,988
June	987,291	403,071	476,810	9,637	97,774
July	1,200,988	492,043	589,645	12,110	107,190
August	1,119,312	447,137	556,802	10,585	104,789
Sept	907,466	358,829	443,759	9,306	95,572
October	771,333	304,811	364,384	8,626	93,512
November	680,920	265,122	314,624	8,281	92,894
December	705,710	277,026	322,476	8,288	97,920
2013					
January	739,658	288,189	340,572	9,392	101,505
February	664,377	260,059	304,745	8,530	91,044
March	708,120	279,997	321,266	8,817	98,039
April	658,937	256,764	304,715	7,855	89,604
May	714,497	284,120	328,884	8,156	93,336
June	834,799	347,318	386,674	8,257	92,549
July	1,012,781	414,301	491,567	9,706	97,206
August	1,006,384	425,592	472,850	9,504	98,439
Sept	848,867	348,801	400,578	8,411	91,076
October	737,665	295,788	340,497	8,381	92,998
November	703,981	267,622	330,570	9,241	96,549
December	776,693	302,944	358,872	10,339	104,538
2014					
January	772,340	307,815	353,708	9,707	101,110
Year to Date					
2012	752,291	285,194	363,628	9,137	94,331
2013	739,658	288,189	340,572	9,392	101,505
2014	772,340	307,815	353,708	9,707	101,110
Rolling 12 Months Ending in January					
2013	10,358,180	4,104,922	4,985,811	111,254	1,156,193
2014	9,439,440	3,791,122	4,394,926	106,904	1,146,490

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 2012 and prior years are final. Values for 2013 and 2014 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, 2004-January 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	143,844	11,250	125,848	4,081	2,665
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	298,196	31,047	236,004	27,895	3,250
2012					
January	21,454	1,889	16,999	2,352	214
February	19,337	1,833	15,100	2,200	205
March	20,905	1,976	16,543	2,177	208
April	20,015	2,064	15,557	2,184	210
May	21,031	2,214	16,427	2,177	213
June	20,722	2,082	16,315	2,120	206
July	22,294	2,282	17,649	2,141	221
August	22,490	2,316	17,672	2,293	210
Sept	21,151	2,055	16,702	2,208	185
October	22,392	2,264	17,625	2,292	211
November	21,528	2,102	16,887	2,317	223
December	23,056	2,115	18,488	2,213	240
2013					
January	24,990	2,584	19,376	2,716	NM
February	21,769	2,232	17,024	2,234	NM
March	24,822	2,492	19,513	2,527	NM
April	22,833	2,393	18,395	1,793	251
May	25,017	2,693	20,025	2,069	NM
June	25,727	2,720	20,512	2,242	253
July	25,753	2,642	20,601	2,257	NM
August	25,255	2,678	20,060	2,270	NM
Sept	24,971	2,661	19,840	2,228	NM
October	25,321	2,631	19,887	2,513	290
November	24,535	2,529	19,307	2,406	293
December	27,202	2,791	21,463	2,639	NM
2014					
January	24,549	2,517	19,164	2,566	302
Year to Date					
2012	21,454	1,889	16,999	2,352	214
2013	24,990	2,584	19,376	2,716	NM
2014	24,549	2,517	19,164	2,566	302
Rolling 12 Months Ending in January					
2013	259,912	25,888	204,342	27,037	NM
2014	297,755	30,980	235,792	27,744	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 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, 2004-January 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	2,174	0	735	10	1,429
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	4,793	0	4,172	493	129
2012					
January	307	0	272	31	4
February	292	0	258	29	4
March	243	0	209	30	5
April	254	0	221	28	5
May	265	0	230	29	5
June	212	0	179	28	5
July	295	0	260	29	6
August	260	0	229	25	6
Sept	285	0	256	24	5
October	299	0	265	28	6
November	186	0	149	32	5
December	291	0	260	27	5
2013					
January	574	0	503	55	NM
February	447	0	389	46	NM
March	558	0	496	46	NM
April	300	0	261	37	2
May	327	0	287	31	NM
June	340	0	293	34	13
July	342	0	295	36	NM
August	335	0	289	35	NM
Sept	303	0	262	32	NM
October	415	0	361	44	10
November	385	0	330	47	8
December	468	0	406	50	NM
2014					
January	460	0	402	47	12
Year to Date					
2012	307	0	272	31	4
2013	574	0	503	55	NM
2014	460	0	402	47	12
Rolling 12 Months Ending in January					
2013	3,456	0	3,019	364	NM
2014	4,679	0	4,070	485	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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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, 2004-January 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	146,018	11,250	126,584	4,091	4,093
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	302,989	31,047	240,176	28,388	3,378
2012					
January	21,761	1,889	17,271	2,382	218
February	19,629	1,833	15,358	2,229	209
March	21,149	1,976	16,752	2,207	213
April	20,269	2,064	15,777	2,212	216
May	21,295	2,214	16,658	2,206	218
June	20,934	2,082	16,494	2,147	211
July	22,588	2,282	17,909	2,170	227
August	22,750	2,316	17,901	2,317	216
Sept	21,436	2,055	16,958	2,232	190
October	22,691	2,264	17,890	2,320	217
November	21,714	2,102	17,036	2,349	227
December	23,347	2,115	18,747	2,240	245
2013					
January	25,565	2,584	19,879	2,771	NM
February	22,216	2,232	17,413	2,280	NM
March	25,379	2,492	20,010	2,573	NM
April	23,134	2,393	18,656	1,831	254
May	25,344	2,693	20,312	2,100	NM
June	26,067	2,720	20,806	2,276	265
July	26,095	2,642	20,896	2,292	NM
August	25,590	2,678	20,349	2,305	NM
Sept	25,274	2,661	20,102	2,260	NM
October	25,736	2,631	20,248	2,557	300
November	24,920	2,529	19,637	2,452	301
December	27,670	2,791	21,869	2,689	NM
2014					
January	25,009	2,517	19,566	2,612	314
Year to Date					
2012	21,761	1,889	17,271	2,382	218
2013	25,565	2,584	19,879	2,771	NM
2014	25,009	2,517	19,566	2,612	314
Rolling 12 Months Ending in January					
2013	263,368	25,888	207,361	27,401	NM
2014	302,433	30,980	239,862	28,229	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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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, 2004-January 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	19,587	444	17,308	1,811	24
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	15,876	456	13,191	2,220	9
2012					
January	1,361	30	1,147	183	1
February	1,274	27	1,067	179	1
March	1,380	36	1,151	192	0
April	1,362	38	1,134	189	1
May	1,485	41	1,235	207	1
June	1,473	37	1,238	196	1
July	1,519	35	1,284	199	1
August	1,468	40	1,232	195	1
Sept	1,389	30	1,161	197	1
October	1,407	38	1,174	194	1
November	1,398	34	1,180	182	1
December	1,454	31	1,231	190	1
2013					
January	1,240	32	1,037	170	NM
February	1,126	30	927	168	1
March	1,321	31	1,094	195	NM
April	1,286	43	1,060	182	1
May	1,379	43	1,156	179	NM
June	1,402	40	1,175	186	0
July	1,432	44	1,195	193	0
August	1,349	40	1,119	189	NM
Sept	1,304	38	1,082	183	0
October	1,307	41	1,076	189	1
November	1,254	40	1,028	186	1
December	1,477	35	1,242	199	1
2014					
January	1,287	28	1,065	192	1
Year to Date					
2012	1,361	30	1,147	183	1
2013	1,240	32	1,037	170	NM
2014	1,287	28	1,065	192	1
Rolling 12 Months Ending in January					
2013	16,848	419	14,125	2,291	NM
2014	15,923	453	13,220	2,241	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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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, 2004-January 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	2,743	0	651	1,628	464
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	1,985	0	617	1,200	168
2012					
January	162	0	42	105	15
February	154	0	40	98	15
March	176	0	61	100	15
April	163	0	43	104	17
May	163	0	39	106	18
June	158	0	39	102	16
July	168	0	40	113	15
August	173	0	42	115	16
Sept	166	0	46	104	16
October	177	0	46	114	17
November	156	0	44	98	14
December	170	0	41	114	15
2013					
January	181	0	53	113	NM
February	166	0	49	104	14
March	170	0	56	100	NM
April	169	0	49	107	14
May	146	0	38	95	NM
June	173	0	55	103	15
July	171	0	53	103	14
August	158	0	51	93	NM
Sept	153	0	46	93	13
October	167	0	55	97	15
November	156	0	54	88	14
December	175	0	58	103	15
2014					
January	170	0	57	99	14
Year to Date					
2012	162	0	42	105	15
2013	181	0	53	113	NM
2014	170	0	57	99	14
Rolling 12 Months Ending in January					
2013	2,005	0	533	1,281	NM
2014	1,974	0	622	1,186	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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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, 2004-January 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	22,330	444	17,959	3,439	488
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	17,862	456	13,808	3,420	177
2012					
January	1,523	30	1,189	288	16
February	1,427	27	1,106	278	16
March	1,557	36	1,212	293	15
April	1,525	38	1,177	293	18
May	1,648	41	1,274	313	20
June	1,631	37	1,277	299	18
July	1,688	35	1,325	311	16
August	1,641	40	1,274	310	17
Sept	1,555	30	1,207	301	18
October	1,583	38	1,220	308	18
November	1,554	34	1,224	280	15
December	1,623	31	1,272	304	16
2013					
January	1,421	32	1,090	284	NM
February	1,292	30	976	271	15
March	1,491	31	1,150	295	NM
April	1,455	43	1,109	289	15
May	1,526	43	1,195	275	NM
June	1,575	40	1,230	289	15
July	1,603	44	1,248	297	15
August	1,507	40	1,171	282	NM
Sept	1,456	38	1,129	276	14
October	1,474	41	1,131	286	16
November	1,410	40	1,082	274	15
December	1,652	35	1,300	302	16
2014					
January	1,457	28	1,123	290	15
Year to Date					
2012	1,523	30	1,189	288	16
2013	1,421	32	1,090	284	NM
2014	1,457	28	1,123	290	15
Rolling 12 Months Ending in January					
2013	18,853	419	14,658	3,572	NM
2014	17,897	453	13,841	3,427	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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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, January 2014 and January 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	500	462	8.2%	130	126	367	334	0	0	3	1
Connecticut	100	73	37.0%	0	0	100	73	0	0	0	0
Maine	4	2	59.0%	0	0	2	1	0	0	2	1
Massachusetts	266	260	2.1%	0	0	265	260	0	0	1	1
New Hampshire	130	126	2.9%	130	126	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	4,547	4,103	11.0%	NM	NM	4,513	4,079	1	0	30	23
New Jersey	168	88	90.0%	0	0	168	88	0	0	0	0
New York	412	284	45.0%	NM	NM	403	277	0	0	7	6
Pennsylvania	3,966	3,731	6.3%	0	0	3,943	3,714	1	0	23	17
East North Central	19,287	17,192	12.0%	13,947	12,197	5,225	4,891	9	10	105	94
Illinois	4,892	4,646	5.3%	612	594	4,220	3,995	2	4	58	54
Indiana	4,912	4,348	13.0%	4,669	4,108	237	235	5	4	1	1
Michigan	2,814	2,778	1.3%	2,770	2,741	25	20	2	3	17	14
Ohio	4,166	3,515	19.0%	3,415	2,867	742	641	NM	NM	9	7
Wisconsin	2,501	1,905	31.0%	2,481	1,887	0	0	NM	NM	20	18
West North Central	13,204	12,302	7.3%	13,036	12,164	0	0	9	7	159	131
Iowa	1,910	1,887	1.2%	1,816	1,809	0	0	6	4	88	74
Kansas	1,657	1,629	1.7%	1,657	1,629	0	0	0	0	0	0
Minnesota	1,611	1,359	19.0%	1,577	1,332	0	0	0	0	34	27
Missouri	4,286	3,909	9.6%	4,278	3,904	0	0	3	3	5	2
Nebraska	1,412	1,434	-1.5%	1,388	1,413	0	0	0	0	25	21
North Dakota	2,169	1,877	16.0%	2,161	1,870	0	0	0	0	8	7
South Dakota	159	207	-23.0%	159	207	0	0	0	0	0	0
South Atlantic	13,292	9,914	34.0%	11,011	8,006	2,217	1,859	5	3	61	46
Delaware	77	44	76.0%	0	0	77	44	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2,072	1,456	42.0%	2,068	1,453	0	0	0	0	NM	3
Georgia	2,495	1,660	50.0%	2,483	1,649	0	0	0	0	12	10
Maryland	1,002	618	62.0%	0	0	996	612	NM	NM	5	4
North Carolina	2,220	1,572	41.0%	2,170	1,525	43	42	2	1	4	4
South Carolina	1,164	840	39.0%	1,155	836	0	0	0	0	9	5
Virginia	1,156	630	84.0%	1,075	595	74	27	NM	NM	7	8
West Virginia	3,106	3,094	0.4%	2,060	1,948	1,027	1,133	0	0	19	12
East South Central	8,549	7,342	16.0%	8,245	6,984	274	333	1	0	29	25
Alabama	2,243	1,853	21.0%	2,237	1,849	0	0	0	0	7	4
Kentucky	3,840	3,627	5.9%	3,840	3,627	0	0	0	0	0	0
Mississippi	666	411	62.0%	392	78	274	333	0	0	0	0
Tennessee	1,799	1,450	24.0%	1,776	1,430	0	0	1	0	22	20
West South Central	13,618	12,720	7.1%	7,050	6,944	6,554	5,763	0	0	14	12
Arkansas	1,781	1,599	11.0%	1,513	1,497	266	100	0	0	2	3
Louisiana	1,196	1,283	-6.8%	446	618	749	664	0	0	NM	0
Oklahoma	1,745	1,622	7.6%	1,630	1,514	104	98	0	0	NM	10
Texas	8,896	8,216	8.3%	3,461	3,315	5,435	4,901	0	0	0	0
Mountain	9,740	10,288	-5.3%	8,744	9,106	975	1,163	0	0	20	18
Arizona	2,089	2,005	4.2%	2,089	2,005	0	0	0	0	0	0
Colorado	1,748	1,734	0.8%	1,746	1,732	NM	2	0	0	NM	NM
Idaho	2	1	24.0%	0	0	0	0	0	0	2	1
Montana	847	1,042	-19.0%	NM	NM	823	1,018	0	0	NM	NM
Nevada	356	263	36.0%	271	196	84	66	0	0	0	0
New Mexico	832	1,409	-41.0%	832	1,409	0	0	0	0	0	0
Utah	1,427	1,336	6.8%	1,398	1,302	NM	NM	0	0	0	0
Wyoming	2,439	2,497	-2.3%	2,385	2,439	NM	43	0	0	17	16
Pacific Contiguous	866	573	51.0%	226	240	634	326	0	0	6	7
California	10	29	-66.0%	0	0	NM	22	0	0	5	7
Oregon	226	240	-5.6%	226	240	0	0	0	0	0	0
Washington	630	305	107.0%	0	0	629	304	0	0	1	1
Pacific Noncontiguous	108	89	22.0%	16	16	81	62	9	10	NM	NM
Alaska	44	44	0.8%	16	16	18	18	9	10	0	0
Hawaii	64	45	42.0%	0	0	63	44	0	0	NM	NM
U.S. Total	83,710	74,985	12.0%	62,409	55,784	20,839	18,811	34	31	429	359

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 January 2014 and January 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	500	462	8.2%	130	126	367	334	0	0	3	1
Connecticut	100	73	37.0%	0	0	100	73	0	0	0	0
Maine	4	2	59.0%	0	0	2	1	0	0	2	1
Massachusetts	266	260	2.1%	0	0	265	260	0	0	1	1
New Hampshire	130	126	2.9%	130	126	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	4,547	4,103	11.0%	NM	NM	4,513	4,079	1	0	30	23
New Jersey	168	88	90.0%	0	0	168	88	0	0	0	0
New York	412	284	45.0%	NM	NM	403	277	0	0	7	6
Pennsylvania	3,966	3,731	6.3%	0	0	3,943	3,714	1	0	23	17
East North Central	19,287	17,192	12.0%	13,947	12,197	5,225	4,891	9	10	105	94
Illinois	4,892	4,646	5.3%	612	594	4,220	3,995	2	4	58	54
Indiana	4,912	4,348	13.0%	4,669	4,108	237	235	5	4	1	1
Michigan	2,814	2,778	1.3%	2,770	2,741	25	20	2	3	17	14
Ohio	4,166	3,515	19.0%	3,415	2,867	742	641	NM	NM	9	7
Wisconsin	2,501	1,905	31.0%	2,481	1,887	0	0	NM	NM	20	18
West North Central	13,204	12,302	7.3%	13,036	12,164	0	0	9	7	159	131
Iowa	1,910	1,887	1.2%	1,816	1,809	0	0	6	4	88	74
Kansas	1,657	1,629	1.7%	1,657	1,629	0	0	0	0	0	0
Minnesota	1,611	1,359	19.0%	1,577	1,332	0	0	0	0	34	27
Missouri	4,286	3,909	9.6%	4,278	3,904	0	0	3	3	5	2
Nebraska	1,412	1,434	-1.5%	1,388	1,413	0	0	0	0	25	21
North Dakota	2,169	1,877	16.0%	2,161	1,870	0	0	0	0	8	7
South Dakota	159	207	-23.0%	159	207	0	0	0	0	0	0
South Atlantic	13,292	9,914	34.0%	11,011	8,006	2,217	1,859	5	3	61	46
Delaware	77	44	76.0%	0	0	77	44	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2,072	1,456	42.0%	2,068	1,453	0	0	0	0	NM	3
Georgia	2,495	1,660	50.0%	2,483	1,649	0	0	0	0	12	10
Maryland	1,002	618	62.0%	0	0	996	612	NM	NM	5	4
North Carolina	2,220	1,572	41.0%	2,170	1,525	43	42	2	1	4	4
South Carolina	1,164	840	39.0%	1,155	836	0	0	0	0	9	5
Virginia	1,156	630	84.0%	1,075	595	74	27	NM	NM	7	8
West Virginia	3,106	3,094	0.4%	2,060	1,948	1,027	1,133	0	0	19	12
East South Central	8,549	7,342	16.0%	8,245	6,984	274	333	1	0	29	25
Alabama	2,243	1,853	21.0%	2,237	1,849	0	0	0	0	7	4
Kentucky	3,840	3,627	5.9%	3,840	3,627	0	0	0	0	0	0
Mississippi	666	411	62.0%	392	78	274	333	0	0	0	0
Tennessee	1,799	1,450	24.0%	1,776	1,430	0	0	1	0	22	20
West South Central	13,618	12,720	7.1%	7,050	6,944	6,554	5,763	0	0	14	12
Arkansas	1,781	1,599	11.0%	1,513	1,497	266	100	0	0	2	3
Louisiana	1,196	1,283	-6.8%	446	618	749	664	0	0	NM	0
Oklahoma	1,745	1,622	7.6%	1,630	1,514	104	98	0	0	NM	10
Texas	8,896	8,216	8.3%	3,461	3,315	5,435	4,901	0	0	0	0
Mountain	9,740	10,288	-5.3%	8,744	9,106	975	1,163	0	0	20	18
Arizona	2,089	2,005	4.2%	2,089	2,005	0	0	0	0	0	0
Colorado	1,748	1,734	0.8%	1,746	1,732	NM	2	0	0	NM	NM
Idaho	2	1	24.0%	0	0	0	0	0	0	2	1
Montana	847	1,042	-19.0%	NM	NM	823	1,018	0	0	NM	NM
Nevada	356	263	36.0%	271	196	84	66	0	0	0	0
New Mexico	832	1,409	-41.0%	832	1,409	0	0	0	0	0	0
Utah	1,427	1,336	6.8%	1,398	1,302	NM	NM	0	0	0	0
Wyoming	2,439	2,497	-2.3%	2,385	2,439	NM	43	0	0	17	16
Pacific Contiguous	866	573	51.0%	226	240	634	326	0	0	6	7
California	10	29	-66.0%	0	0	NM	22	0	0	5	7
Oregon	226	240	-5.6%	226	240	0	0	0	0	0	0
Washington	630	305	107.0%	0	0	629	304	0	0	1	1
Pacific Noncontiguous	108	89	22.0%	16	16	81	62	9	10	NM	NM
Alaska	44	44	0.8%	16	16	18	18	9	10	0	0
Hawaii	64	45	42.0%	0	0	63	44	0	0	NM	NM
U.S. Total	83,710	74,985	12.0%	62,409	55,784	20,839	18,811	34	31	429	359

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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, January 2014 and January 2013 (Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	2,075	446	366.0%	276	71	1,715	352	NM	NM	NM	5
Connecticut	518	158	227.0%	NM	NM	508	157	NM	NM	NM	NM
Maine	274	99	176.0%	NM	NM	264	96	NM	NM	NM	NM
Massachusetts	928	141	558.0%	130	35	762	NM	NM	NM	NM	2
New Hampshire	278	35	689.0%	133	32	133	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	0	NM	48	5	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	3,314	627	429.0%	814	202	2,472	416	NM	NM	NM	NM
New Jersey	575	70	717.0%	NM	NM	567	69	NM	NM	NM	NM
New York	2,009	445	352.0%	808	201	1,179	235	NM	NM	NM	8
Pennsylvania	730	NM	NM	NM	NM	726	NM	NM	NM	NM	NM
East North Central	265	112	136.0%	139	93	121	18	NM	NM	NM	NM
Illinois	NM	14	NM	NM	5	11	9	NM	NM	NM	NM
Indiana	NM	25	NM	NM	24	NM	NM	NM	NM	4	1
Michigan	31	26	23.0%	31	25	0	0	NM	NM	NM	1
Ohio	153	37	315.0%	46	28	106	9	NM	NM	NM	NM
Wisconsin	23	11	110.0%	19	11	4	NM	NM	NM	NM	NM
West North Central	97	53	82.0%	NM	52	9	NM	NM	NM	0	0
Iowa	NM	10	NM	NM	NM	NM	NM	NM	NM	NM	NM
Kansas	NM	11	NM	NM	11	0	0	0	0	0	0
Minnesota	NM	NM	NM	22	6	9	1	NM	NM	0	NM
Missouri	NM	15	NM	NM	15	NM	NM	NM	NM	0	0
Nebraska	7	2	205.0%	7	2	0	0	0	0	0	0
North Dakota	NM	5	NM	NM	5	0	0	NM	NM	NM	NM
South Dakota	NM	2	NM	NM	2	NM	NM	NM	NM	0	0
South Atlantic	3,250	314	934.0%	2,147	207	947	60	NM	NM	28	13
Delaware	169	11	NM	0	NM	169	11	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	NM	48	NM	NM	NM	NM	NM	0	0	9	3
Georgia	175	16	NM	108	11	59	NM	NM	NM	8	5
Maryland	610	NM	NM	NM	NM	478	31	NM	NM	0	0
North Carolina	504	44	NM	460	39	40	5	NM	NM	NM	NM
South Carolina	337	NM	NM	315	NM	18	0	NM	NM	4	1
Virginia	1,217	93	NM	1,056	79	158	11	NM	NM	NM	3
West Virginia	60	20	197.0%	34	18	25	2	0	0	0	0
East South Central	250	67	275.0%	213	61	22	NM	NM	NM	16	5
Alabama	83	21	302.0%	47	16	22	NM	0	0	15	5
Kentucky	NM	23	NM	NM	23	0	0	0	0	0	0
Mississippi	NM	NM	NM	NM	NM	0	0	0	0	0	0
Tennessee	132	22	511.0%	131	21	0	0	NM	NM	NM	NM
West South Central	24	50	-53.0%	11	13	10	29	NM	NM	NM	8
Arkansas	4	5	-31.0%	2	1	1	4	0	0	1	0
Louisiana	7	20	-62.0%	5	6	2	5	0	0	1	8
Oklahoma	NM	1	NM	NM	1	0	0	NM	NM	0	NM
Texas	NM	24	NM	4	4	7	20	NM	NM	NM	NM
Mountain	33	39	-15.0%	30	37	NM	NM	NM	NM	NM	0
Arizona	6	7	-4.3%	6	7	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	NM	NM	NM	NM	NM	3	NM	0	0	0	0
Nevada	1	3	-70.0%	1	2	0	1	0	0	0	0
New Mexico	NM	11	NM	NM	11	NM	NM	0	0	NM	NM
Utah	NM	8	NM	NM	8	NM	NM	0	0	NM	NM
Wyoming	7	7	9.1%	7	6	0	0	0	0	0	0
Pacific Contiguous	NM	12	NM	NM	NM	8	NM	NM	NM	2	4
California	NM	NM	NM	NM	5	7	NM	NM	NM	NM	NM
Oregon	NM	NM	NM	1	1	0	0	NM	NM	0	0
Washington	NM	6	NM	NM	NM	NM	2	NM	NM	1	3
Pacific Noncontiguous	NM	1,094	NM	877	993	NM	NM	NM	1	NM	13
Alaska	NM	122	NM	NM	116	0	0	NM	NM	NM	5
Hawaii	NM	972	NM	771	877	NM	NM	0	0	NM	8
U.S. Total	10,375	2,814	269.0%	4,600	1,735	5,466	967	NM	NM	100	59

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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 January 2014 and January 2013 (Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	2,075	446	366.0%	276	71	1,715	352	NM	NM	NM	5
Connecticut	518	158	227.0%	NM	NM	508	157	NM	NM	NM	NM
Maine	274	99	176.0%	NM	NM	264	96	NM	NM	NM	NM
Massachusetts	928	141	558.0%	130	35	762	NM	NM	NM	NM	2
New Hampshire	278	35	689.0%	133	32	133	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	0	NM	48	5	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	3,314	627	429.0%	814	202	2,472	416	NM	NM	NM	NM
New Jersey	575	70	717.0%	NM	NM	567	69	NM	NM	NM	NM
New York	2,009	445	352.0%	808	201	1,179	235	NM	NM	NM	8
Pennsylvania	730	NM	NM	NM	NM	726	NM	NM	NM	NM	NM
East North Central	265	112	136.0%	139	93	121	18	NM	NM	NM	NM
Illinois	NM	14	NM	NM	5	11	9	NM	NM	NM	NM
Indiana	NM	25	NM	NM	24	NM	NM	NM	NM	4	1
Michigan	31	26	23.0%	31	25	0	0	NM	NM	NM	1
Ohio	153	37	315.0%	46	28	106	9	NM	NM	NM	NM
Wisconsin	23	11	110.0%	19	11	4	NM	NM	NM	NM	NM
West North Central	97	53	82.0%	NM	52	9	NM	NM	NM	0	0
Iowa	NM	10	NM	NM	NM	NM	NM	NM	NM	NM	NM
Kansas	NM	11	NM	NM	11	0	0	0	0	0	0
Minnesota	NM	NM	NM	22	6	9	1	NM	NM	0	NM
Missouri	NM	15	NM	NM	15	NM	NM	NM	NM	0	0
Nebraska	7	2	205.0%	7	2	0	0	0	0	0	0
North Dakota	NM	5	NM	NM	5	0	0	NM	NM	NM	NM
South Dakota	NM	2	NM	NM	2	NM	NM	NM	NM	0	0
South Atlantic	3,250	314	934.0%	2,147	207	947	60	NM	NM	28	13
Delaware	169	11	NM	0	NM	169	11	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	NM	48	NM	NM	NM	NM	NM	0	0	9	3
Georgia	175	16	NM	108	11	59	NM	NM	NM	8	5
Maryland	610	NM	NM	NM	NM	478	31	NM	NM	0	0
North Carolina	504	44	NM	460	39	40	5	NM	NM	NM	NM
South Carolina	337	NM	NM	315	NM	18	0	NM	NM	4	1
Virginia	1,217	93	NM	1,056	79	158	11	NM	NM	NM	3
West Virginia	60	20	197.0%	34	18	25	2	0	0	0	0
East South Central	250	67	275.0%	213	61	22	NM	NM	NM	16	5
Alabama	83	21	302.0%	47	16	22	NM	0	0	15	5
Kentucky	NM	23	NM	NM	23	0	0	0	0	0	0
Mississippi	NM	NM	NM	NM	NM	0	0	0	0	0	0
Tennessee	132	22	511.0%	131	21	0	0	NM	NM	NM	NM
West South Central	24	50	-53.0%	11	13	10	29	NM	NM	NM	8
Arkansas	4	5	-31.0%	2	1	1	4	0	0	1	0
Louisiana	7	20	-62.0%	5	6	2	5	0	0	1	8
Oklahoma	NM	1	NM	NM	1	0	0	NM	NM	0	NM
Texas	NM	24	NM	4	4	7	20	NM	NM	NM	NM
Mountain	33	39	-15.0%	30	37	NM	NM	NM	NM	NM	0
Arizona	6	7	-4.3%	6	7	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	NM	NM	NM	NM	NM	3	NM	0	0	0	0
Nevada	1	3	-70.0%	1	2	0	1	0	0	0	0
New Mexico	NM	11	NM	NM	11	NM	NM	0	0	NM	NM
Utah	NM	8	NM	NM	8	NM	NM	0	0	NM	NM
Wyoming	7	7	9.1%	7	6	0	0	0	0	0	0
Pacific Contiguous	NM	12	NM	NM	NM	8	NM	NM	NM	2	4
California	NM	NM	NM	NM	5	7	NM	NM	NM	NM	NM
Oregon	NM	NM	NM	1	1	0	0	NM	NM	0	0
Washington	NM	6	NM	NM	NM	NM	2	NM	NM	1	3
Pacific Noncontiguous	NM	1,094	NM	877	993	NM	NM	NM	1	NM	13
Alaska	NM	122	NM	NM	116	0	0	NM	NM	NM	5
Hawaii	NM	972	NM	771	877	NM	NM	0	0	NM	8
U.S. Total	10,375	2,814	269.0%	4,600	1,735	5,466	967	NM	NM	100	59

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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, January 2014 and January 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
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	104	93	12.0%	57	36	41	52	0	0	6	6
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	32	36	-9.9%	32	36	0	0	0	0	0	0
Michigan	25	5	408.0%	19	0	3	3	0	0	NM	2
Ohio	38	48	-21.0%	0	0	38	48	0	0	NM	0
Wisconsin	9	4	111.0%	6	0	0	0	0	0	3	4
West North Central	0	0	3.1%	0	0	0	0	0	0	0	0
Iowa	0	0	3.1%	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	78	11	625.0%	75	7	0	0	0	0	3	4
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	75	7	970.0%	75	7	0	0	0	0	0	0
Georgia	3	4	-23.0%	0	0	0	0	0	0	3	4
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	47	54	-14.0%	47	54	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	47	54	-14.0%	47	54	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	196	201	-2.5%	170	156	0	0	0	0	26	45
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	183	162	13.0%	170	156	0	0	0	0	NM	6
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	13	39	-67.0%	0	0	0	0	0	0	13	39
Mountain	14	16	-13.0%	0	0	14	16	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	14	16	-13.0%	0	0	14	16	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	446	382	17.0%	349	253	55	70	0	0	42	59

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 January 2014 and January 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 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	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	104	93	12.0%	57	36	41	52	0	0	6	6
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	32	36	-9.9%	32	36	0	0	0	0	0	0
Michigan	25	5	408.0%	19	0	3	3	0	0	NM	2
Ohio	38	48	-21.0%	0	0	38	48	0	0	NM	0
Wisconsin	9	4	111.0%	6	0	0	0	0	0	3	4
West North Central	0	0	3.1%	0	0	0	0	0	0	0	0
Iowa	0	0	3.1%	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	78	11	625.0%	75	7	0	0	0	0	3	4
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	75	7	970.0%	75	7	0	0	0	0	0	0
Georgia	3	4	-23.0%	0	0	0	0	0	0	3	4
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	47	54	-14.0%	47	54	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	47	54	-14.0%	47	54	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	196	201	-2.5%	170	156	0	0	0	0	26	45
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	183	162	13.0%	170	156	0	0	0	0	NM	6
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	13	39	-67.0%	0	0	0	0	0	0	13	39
Mountain	14	16	-13.0%	0	0	14	16	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	14	16	-13.0%	0	0	14	16	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	446	382	17.0%	349	253	55	70	0	0	42	59

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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, January 2014 and January 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	20,832	29,426	-29.0%	180	189	19,086	26,682	676	744	890	1,811
Connecticut	6,441	9,353	-31.0%	32	11	5,903	8,763	NM	347	NM	NM
Maine	3,245	3,763	-14.0%	0	0	2,644	2,281	NM	NM	579	1,456
Massachusetts	7,948	10,602	-25.0%	144	144	7,404	10,032	305	315	NM	NM
New Hampshire	603	2,906	-79.0%	1	28	581	2,855	NM	NM	NM	NM
Rhode Island	2,592	2,796	-7.3%	0	0	2,553	2,751	NM	NM	0	0
Vermont	4	5	-24.0%	4	5	0	0	0	0	0	0
Middle Atlantic	73,022	77,015	-5.2%	8,246	7,338	63,394	68,062	685	777	696	837
New Jersey	15,283	13,888	10.0%	0	NM	14,934	13,449	NM	NM	NM	310
New York	30,804	32,681	-5.7%	8,242	7,327	21,917	24,636	510	563	NM	154
Pennsylvania	26,935	30,446	-12.0%	NM	0	26,542	29,977	NM	NM	300	372
East North Central	47,712	36,305	31.0%	19,072	13,685	26,246	20,302	1,295	1,335	1,100	984
Illinois	5,595	3,599	55.0%	NM	213	4,428	2,400	727	795	174	191
Indiana	9,494	7,216	32.0%	7,224	4,884	1,966	2,067	NM	NM	281	237
Michigan	11,879	6,392	86.0%	3,075	1,312	8,071	4,425	257	240	NM	415
Ohio	15,661	13,795	14.0%	5,991	4,213	9,365	9,234	NM	NM	NM	NM
Wisconsin	5,083	5,304	-4.2%	2,515	3,062	2,415	2,176	NM	NM	NM	63
West North Central	9,786	9,131	7.2%	8,647	8,304	806	629	NM	NM	150	147
Iowa	982	753	30.0%	945	722	NM	0	NM	NM	NM	NM
Kansas	1,819	1,029	77.0%	1,785	1,005	0	0	0	0	33	25
Minnesota	3,281	4,103	-20.0%	2,364	3,619	680	376	NM	NM	NM	NM
Missouri	3,228	2,925	10.0%	3,101	2,670	NM	253	0	1	NM	NM
Nebraska	NM	NM	NM	NM	45	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	0	0	0	0	0	NM	NM
South Dakota	NM	244	NM	NM	244	0	0	0	0	0	0
South Atlantic	144,360	139,559	3.4%	114,738	111,393	27,439	25,454	NM	NM	1,948	2,441
Delaware	2,523	3,255	-22.0%	0	0	1,942	2,232	0	0	581	1,023
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	78,766	75,299	4.6%	72,572	70,883	5,403	3,601	NM	NM	781	805
Georgia	22,125	23,222	-4.7%	16,427	16,334	5,431	6,510	0	0	267	379
Maryland	1,291	607	112.0%	0	0	1,120	406	NM	NM	NM	NM
North Carolina	17,907	15,999	12.0%	12,280	10,061	5,561	5,890	2	1	65	46
South Carolina	7,092	6,959	1.9%	6,110	6,435	933	437	NM	0	50	87
Virginia	13,519	13,893	-2.7%	6,600	7,560	6,750	6,272	0	0	169	61
West Virginia	1,056	233	352.0%	751	120	300	107	0	0	NM	NM
East South Central	69,254	57,693	20.0%	40,732	35,368	25,972	19,959	NM	NM	2,437	2,236
Alabama	32,129	27,461	17.0%	10,601	9,078	20,680	17,480	0	0	847	903
Kentucky	6,302	1,299	385.0%	5,789	1,144	372	0	0	0	NM	156
Mississippi	24,500	24,050	1.9%	18,154	20,411	4,920	2,480	NM	NM	1,418	1,151
Tennessee	6,324	4,883	30.0%	6,188	4,735	0	0	NM	NM	31	26
West South Central	185,254	179,407	3.3%	53,877	48,474	92,670	91,451	430	426	38,276	39,055
Arkansas	7,183	8,883	-19.0%	839	1,302	6,151	7,412	NM	NM	193	168
Louisiana	41,410	36,309	14.0%	16,241	15,071	8,844	4,399	NM	NM	16,303	16,817
Oklahoma	20,552	18,144	13.0%	16,206	14,143	4,282	3,946	NM	NM	63	55
Texas	116,108	116,072	0.0%	20,591	17,958	73,394	75,695	407	404	21,717	22,015
Mountain	42,410	46,385	-8.6%	26,882	29,595	13,979	15,276	296	266	1,252	1,248
Arizona	10,563	10,771	-1.9%	4,562	5,644	5,902	5,031	NM	97	0	0
Colorado	6,277	6,759	-7.1%	3,885	3,944	2,360	2,797	19	0	NM	NM
Idaho	2,717	2,486	9.3%	1,466	1,275	1,195	1,119	0	0	NM	93
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	11,291	15,806	-29.0%	8,792	11,356	2,216	4,204	NM	NM	223	189
New Mexico	5,558	5,129	8.4%	3,455	3,474	2,026	1,585	NM	71	0	0
Utah	5,194	4,745	9.4%	4,239	3,540	NM	NM	NM	NM	673	649
Wyoming	337	328	2.7%	NM	NM	NM	NM	0	0	286	298
Pacific Contiguous	93,279	82,023	14.0%	32,192	30,346	53,120	44,125	1,301	1,211	6,666	6,340
California	72,985	67,981	7.4%	20,114	23,339	45,053	37,260	1,256	1,170	6,562	6,212
Oregon	11,676	10,214	14.0%	4,711	3,641	6,857	6,451	NM	NM	70	81
Washington	8,618	3,828	125.0%	7,367	3,366	1,210	413	NM	NM	33	48
Pacific Noncontiguous	3,304	3,540	-6.6%	3,248	3,497	0	0	NM	NM	NM	NM
Alaska	3,304	3,540	-6.6%	3,248	3,497	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	689,214	660,483	4.3%	307,815	288,189	322,713	311,941	5,216	5,215	53,470	55,139

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 January 2014 and January 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	20,832	29,426	-29.0%	180	189	19,086	26,682	676	744	890	1,811
Connecticut	6,441	9,353	-31.0%	32	11	5,903	8,763	NM	347	NM	NM
Maine	3,245	3,763	-14.0%	0	0	2,644	2,281	NM	NM	579	1,456
Massachusetts	7,948	10,602	-25.0%	144	144	7,404	10,032	305	315	NM	NM
New Hampshire	603	2,906	-79.0%	1	28	581	2,855	NM	NM	NM	NM
Rhode Island	2,592	2,796	-7.3%	0	0	2,553	2,751	NM	NM	0	0
Vermont	4	5	-24.0%	4	5	0	0	0	0	0	0
Middle Atlantic	73,022	77,015	-5.2%	8,246	7,338	63,394	68,062	685	777	696	837
New Jersey	15,283	13,888	10.0%	0	NM	14,934	13,449	NM	NM	NM	310
New York	30,804	32,681	-5.7%	8,242	7,327	21,917	24,636	510	563	NM	154
Pennsylvania	26,935	30,446	-12.0%	NM	0	26,542	29,977	NM	NM	300	372
East North Central	47,712	36,305	31.0%	19,072	13,685	26,246	20,302	1,295	1,335	1,100	984
Illinois	5,595	3,599	55.0%	NM	213	4,428	2,400	727	795	174	191
Indiana	9,494	7,216	32.0%	7,224	4,884	1,966	2,067	NM	NM	281	237
Michigan	11,879	6,392	86.0%	3,075	1,312	8,071	4,425	257	240	NM	415
Ohio	15,661	13,795	14.0%	5,991	4,213	9,365	9,234	NM	NM	NM	NM
Wisconsin	5,083	5,304	-4.2%	2,515	3,062	2,415	2,176	NM	NM	NM	63
West North Central	9,786	9,131	7.2%	8,647	8,304	806	629	NM	NM	150	147
Iowa	982	753	30.0%	945	722	NM	0	NM	NM	NM	NM
Kansas	1,819	1,029	77.0%	1,785	1,005	0	0	0	0	33	25
Minnesota	3,281	4,103	-20.0%	2,364	3,619	680	376	NM	NM	NM	NM
Missouri	3,228	2,925	10.0%	3,101	2,670	NM	253	0	1	NM	NM
Nebraska	NM	NM	NM	NM	45	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	0	0	0	0	0	NM	NM
South Dakota	NM	244	NM	NM	244	0	0	0	0	0	0
South Atlantic	144,360	139,559	3.4%	114,738	111,393	27,439	25,454	NM	NM	1,948	2,441
Delaware	2,523	3,255	-22.0%	0	0	1,942	2,232	0	0	581	1,023
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	78,766	75,299	4.6%	72,572	70,883	5,403	3,601	NM	NM	781	805
Georgia	22,125	23,222	-4.7%	16,427	16,334	5,431	6,510	0	0	267	379
Maryland	1,291	607	112.0%	0	0	1,120	406	NM	NM	NM	NM
North Carolina	17,907	15,999	12.0%	12,280	10,061	5,561	5,890	2	1	65	46
South Carolina	7,092	6,959	1.9%	6,110	6,435	933	437	NM	0	50	87
Virginia	13,519	13,893	-2.7%	6,600	7,560	6,750	6,272	0	0	169	61
West Virginia	1,056	233	352.0%	751	120	300	107	0	0	NM	NM
East South Central	69,254	57,693	20.0%	40,732	35,368	25,972	19,959	NM	NM	2,437	2,236
Alabama	32,129	27,461	17.0%	10,601	9,078	20,680	17,480	0	0	847	903
Kentucky	6,302	1,299	385.0%	5,789	1,144	372	0	0	0	NM	156
Mississippi	24,500	24,050	1.9%	18,154	20,411	4,920	2,480	NM	NM	1,418	1,151
Tennessee	6,324	4,883	30.0%	6,188	4,735	0	0	NM	NM	31	26
West South Central	185,254	179,407	3.3%	53,877	48,474	92,670	91,451	430	426	38,276	39,055
Arkansas	7,183	8,883	-19.0%	839	1,302	6,151	7,412	NM	NM	193	168
Louisiana	41,410	36,309	14.0%	16,241	15,071	8,844	4,399	NM	NM	16,303	16,817
Oklahoma	20,552	18,144	13.0%	16,206	14,143	4,282	3,946	NM	NM	63	55
Texas	116,108	116,072	0.0%	20,591	17,958	73,394	75,695	407	404	21,717	22,015
Mountain	42,410	46,385	-8.6%	26,882	29,595	13,979	15,276	296	266	1,252	1,248
Arizona	10,563	10,771	-1.9%	4,562	5,644	5,902	5,031	NM	97	0	0
Colorado	6,277	6,759	-7.1%	3,885	3,944	2,360	2,797	19	0	NM	NM
Idaho	2,717	2,486	9.3%	1,466	1,275	1,195	1,119	0	0	NM	93
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	11,291	15,806	-29.0%	8,792	11,356	2,216	4,204	NM	NM	223	189
New Mexico	5,558	5,129	8.4%	3,455	3,474	2,026	1,585	NM	71	0	0
Utah	5,194	4,745	9.4%	4,239	3,540	NM	NM	NM	NM	673	649
Wyoming	337	328	2.7%	NM	NM	NM	NM	0	0	286	298
Pacific Contiguous	93,279	82,023	14.0%	32,192	30,346	53,120	44,125	1,301	1,211	6,666	6,340
California	72,985	67,981	7.4%	20,114	23,339	45,053	37,260	1,256	1,170	6,562	6,212
Oregon	11,676	10,214	14.0%	4,711	3,641	6,857	6,451	NM	NM	70	81
Washington	8,618	3,828	125.0%	7,367	3,366	1,210	413	NM	NM	33	48
Pacific Noncontiguous	3,304	3,540	-6.6%	3,248	3,497	0	0	NM	NM	NM	NM
Alaska	3,304	3,540	-6.6%	3,248	3,497	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	689,214	660,483	4.3%	307,815	288,189	322,713	311,941	5,216	5,215	53,470	55,139

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, January 2014 and January 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	1,006	971	3.6%	0	0	940	902	NM	NM	0	0
Connecticut	NM	62	NM	0	0	NM	62	0	0	0	0
Maine	NM	NM	NM	0	0	NM	NM	0	0	0	0
Massachusetts	373	356	4.6%	0	0	373	356	0	0	0	0
New Hampshire	202	NM	NM	0	0	136	131	NM	NM	0	0
Rhode Island	249	241	3.4%	0	0	249	241	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	4,880	4,923	-0.9%	0	0	4,846	4,886	NM	NM	0	0
New Jersey	1,039	993	4.5%	0	0	1,039	993	0	0	0	0
New York	1,506	1,578	-4.6%	0	0	1,506	1,578	0	0	0	0
Pennsylvania	2,336	2,352	-0.7%	0	0	2,302	2,315	NM	NM	0	0
East North Central	5,530	6,307	-12.0%	627	730	4,839	5,515	NM	NM	NM	NM
Illinois	1,585	1,562	1.5%	0	0	1,585	1,562	0	0	0	0
Indiana	623	723	-14.0%	586	689	0	0	0	0	NM	NM
Michigan	1,759	1,676	4.9%	0	0	1,759	1,676	0	0	0	0
Ohio	264	1,021	-74.0%	NM	NM	243	1,000	0	0	0	0
Wisconsin	1,299	1,325	-1.9%	NM	NM	1,252	1,277	NM	NM	0	0
West North Central	997	956	4.3%	298	293	698	663	0	0	0	0
Iowa	219	208	5.4%	0	0	219	208	0	0	0	0
Kansas	134	126	6.0%	0	0	134	126	0	0	0	0
Minnesota	367	353	4.0%	NM	71	296	282	0	0	0	0
Missouri	157	155	1.3%	NM	107	NM	NM	0	0	0	0
Nebraska	121	115	5.3%	121	115	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	3,851	3,767	2.2%	471	456	2,843	2,744	272	NM	265	NM
Delaware	144	137	5.2%	0	0	144	137	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	611	601	1.7%	166	163	445	438	0	0	0	0
Georgia	302	294	2.8%	0	0	245	234	NM	NM	0	0
Maryland	337	NM	NM	0	0	152	147	185	NM	0	0
North Carolina	595	568	4.7%	0	0	595	568	0	0	0	0
South Carolina	605	606	-0.1%	305	293	NM	NM	0	0	265	NM
Virginia	1,232	1,195	3.1%	0	0	1,202	1,163	NM	NM	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	340	326	4.6%	251	240	NM	86	0	0	0	0
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0
Kentucky	251	240	4.6%	251	240	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	NM	63	NM	0	0	NM	63	0	0	0	0
West South Central	1,605	1,541	4.2%	0	0	1,522	1,455	NM	NM	0	0
Arkansas	132	126	4.7%	0	0	132	126	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	1,473	1,415	4.1%	0	0	1,390	1,329	NM	NM	0	0
Mountain	356	339	4.9%	NM	74	278	265	0	0	0	0
Arizona	119	113	4.7%	NM	74	NM	NM	0	0	0	0
Colorado	NM	NM	NM	0	0	NM	NM	0	0	0	0
Idaho	NM	NM	NM	0	0	NM	NM	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	131	124	4.9%	0	0	131	124	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	5,983	5,861	2.1%	792	791	3,106	2,860	2,084	2,210	0	0
California	5,147	5,055	1.8%	294	313	2,827	2,593	2,025	2,148	0	0
Oregon	460	443	3.9%	147	140	255	242	NM	NM	0	0
Washington	376	363	3.4%	351	339	NM	NM	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	24,549	24,990	-1.8%	2,517	2,584	19,164	19,376	2,566	2,716	302	NM

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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 January 2014 and January 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	1,006	971	3.6%	0	0	940	902	NM	NM	0	0
Connecticut	NM	62	NM	0	0	NM	62	0	0	0	0
Maine	NM	NM	NM	0	0	NM	NM	0	0	0	0
Massachusetts	373	356	4.6%	0	0	373	356	0	0	0	0
New Hampshire	202	NM	NM	0	0	136	131	NM	NM	0	0
Rhode Island	249	241	3.4%	0	0	249	241	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	4,880	4,923	-0.9%	0	0	4,846	4,886	NM	NM	0	0
New Jersey	1,039	993	4.5%	0	0	1,039	993	0	0	0	0
New York	1,506	1,578	-4.6%	0	0	1,506	1,578	0	0	0	0
Pennsylvania	2,336	2,352	-0.7%	0	0	2,302	2,315	NM	NM	0	0
East North Central	5,530	6,307	-12.0%	627	730	4,839	5,515	NM	NM	NM	NM
Illinois	1,585	1,562	1.5%	0	0	1,585	1,562	0	0	0	0
Indiana	623	723	-14.0%	586	689	0	0	0	0	NM	NM
Michigan	1,759	1,676	4.9%	0	0	1,759	1,676	0	0	0	0
Ohio	264	1,021	-74.0%	NM	NM	243	1,000	0	0	0	0
Wisconsin	1,299	1,325	-1.9%	NM	NM	1,252	1,277	NM	NM	0	0
West North Central	997	956	4.3%	298	293	698	663	0	0	0	0
Iowa	219	208	5.4%	0	0	219	208	0	0	0	0
Kansas	134	126	6.0%	0	0	134	126	0	0	0	0
Minnesota	367	353	4.0%	NM	71	296	282	0	0	0	0
Missouri	157	155	1.3%	NM	107	NM	NM	0	0	0	0
Nebraska	121	115	5.3%	121	115	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	3,851	3,767	2.2%	471	456	2,843	2,744	272	NM	265	NM
Delaware	144	137	5.2%	0	0	144	137	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	611	601	1.7%	166	163	445	438	0	0	0	0
Georgia	302	294	2.8%	0	0	245	234	NM	NM	0	0
Maryland	337	NM	NM	0	0	152	147	185	NM	0	0
North Carolina	595	568	4.7%	0	0	595	568	0	0	0	0
South Carolina	605	606	-0.1%	305	293	NM	NM	0	0	265	NM
Virginia	1,232	1,195	3.1%	0	0	1,202	1,163	NM	NM	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	340	326	4.6%	251	240	NM	86	0	0	0	0
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0
Kentucky	251	240	4.6%	251	240	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	NM	63	NM	0	0	NM	63	0	0	0	0
West South Central	1,605	1,541	4.2%	0	0	1,522	1,455	NM	NM	0	0
Arkansas	132	126	4.7%	0	0	132	126	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	1,473	1,415	4.1%	0	0	1,390	1,329	NM	NM	0	0
Mountain	356	339	4.9%	NM	74	278	265	0	0	0	0
Arizona	119	113	4.7%	NM	74	NM	NM	0	0	0	0
Colorado	NM	NM	NM	0	0	NM	NM	0	0	0	0
Idaho	NM	NM	NM	0	0	NM	NM	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	131	124	4.9%	0	0	131	124	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	5,983	5,861	2.1%	792	791	3,106	2,860	2,084	2,210	0	0
California	5,147	5,055	1.8%	294	313	2,827	2,593	2,025	2,148	0	0
Oregon	460	443	3.9%	147	140	255	242	NM	NM	0	0
Washington	376	363	3.4%	351	339	NM	NM	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	24,549	24,990	-1.8%	2,517	2,584	19,164	19,376	2,566	2,716	302	NM

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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, January 2014 and January 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	307	280	9.6%	0	0	291	262	16	NM	0	0
Connecticut	115	105	9.0%	0	0	115	105	0	0	0	0
Maine	24	24	-3.7%	0	0	8	7	16	NM	0	0
Massachusetts	157	139	13.0%	0	0	157	139	0	0	0	0
New Hampshire	12	11	4.3%	0	0	12	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	387	398	-2.8%	0	0	297	306	90	92	0	0
New Jersey	104	96	8.0%	0	0	75	70	29	27	0	0
New York	148	156	-5.1%	0	0	108	113	40	43	0	0
Pennsylvania	135	146	-7.6%	0	0	114	124	21	23	0	0
East North Central	19	16	15.0%	2	3	0	0	17	13	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	1	1	0.4%	0	0	0	0	1	1	0	0
Michigan	16	12	27.0%	0	0	0	0	16	12	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	2	3	-30.0%	2	3	0	0	0	0	0	0
West North Central	44	46	-3.1%	26	29	16	16	NM	NM	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	44	46	-3.1%	26	29	16	16	NM	NM	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	432	425	1.6%	0	0	401	395	31	30	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	283	284	-0.5%	0	0	283	284	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	61	59	3.3%	0	0	61	59	0	NM	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	88	82	7.8%	0	0	57	52	31	30	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	1	NM	NM	0	0	0	0	0	0	1	NM
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	1	NM	NM	0	0	0	0	0	0	1	NM
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	0	NM	NM	0	0	0	NM	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	NM	NM	0	0	0	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	61	58	5.5%	0	0	61	58	0	0	0	0
California	41	39	6.3%	0	0	41	39	0	0	0	0
Oregon	7	7	4.1%	0	0	7	7	0	0	0	0
Washington	12	12	3.8%	0	0	12	12	0	0	0	0
Pacific Noncontiguous	36	16	124.0%	0	0	0	0	36	16	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	36	16	124.0%	0	0	0	0	36	16	0	0
U.S. Total	1,287	1,240	3.8%	28	32	1,065	1,037	192	170	1	NM

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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 January 2014 and January 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	307	280	9.6%	0	0	291	262	16	NM	0	0
Connecticut	115	105	9.0%	0	0	115	105	0	0	0	0
Maine	24	24	-3.7%	0	0	8	7	16	NM	0	0
Massachusetts	157	139	13.0%	0	0	157	139	0	0	0	0
New Hampshire	12	11	4.3%	0	0	12	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	387	398	-2.8%	0	0	297	306	90	92	0	0
New Jersey	104	96	8.0%	0	0	75	70	29	27	0	0
New York	148	156	-5.1%	0	0	108	113	40	43	0	0
Pennsylvania	135	146	-7.6%	0	0	114	124	21	23	0	0
East North Central	19	16	15.0%	2	3	0	0	17	13	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	1	1	0.4%	0	0	0	0	1	1	0	0
Michigan	16	12	27.0%	0	0	0	0	16	12	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	2	3	-30.0%	2	3	0	0	0	0	0	0
West North Central	44	46	-3.1%	26	29	16	16	NM	NM	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	44	46	-3.1%	26	29	16	16	NM	NM	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	432	425	1.6%	0	0	401	395	31	30	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	283	284	-0.5%	0	0	283	284	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	61	59	3.3%	0	0	61	59	0	NM	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	88	82	7.8%	0	0	57	52	31	30	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	1	NM	NM	0	0	0	0	0	0	1	NM
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	1	NM	NM	0	0	0	0	0	0	1	NM
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	0	NM	NM	0	0	0	NM	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	NM	NM	0	0	0	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	61	58	5.5%	0	0	61	58	0	0	0	0
California	41	39	6.3%	0	0	41	39	0	0	0	0
Oregon	7	7	4.1%	0	0	7	7	0	0	0	0
Washington	12	12	3.8%	0	0	12	12	0	0	0	0
Pacific Noncontiguous	36	16	124.0%	0	0	0	0	36	16	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	36	16	124.0%	0	0	0	0	36	16	0	0
U.S. Total	1,287	1,240	3.8%	28	32	1,065	1,037	192	170	1	NM

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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, 2004 - January 2014

	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									
2004	106,669	46,750	937	84,917	29,144	627	21,751	17,607	309
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	147,973	31,045	390	120,888	21,906	303	27,085	9,139	86
2012, End of Month Stocks									
January	180,091	34,660	409	144,615	25,518	324	35,476	9,142	85
February	186,866	34,431	374	150,246	25,311	293	36,620	9,119	81
March	195,380	34,552	453	157,444	25,463	351	37,935	9,089	102
April	202,265	34,375	457	161,926	25,356	332	40,339	9,019	125
May	203,137	33,973	406	162,992	25,046	270	40,146	8,926	136
June	197,924	33,747	458	158,366	24,964	287	39,558	8,783	171
July	183,958	33,502	406	148,517	24,947	216	35,442	8,555	190
August	178,537	32,619	336	144,975	24,297	198	33,562	8,322	139
Sept	182,020	32,316	353	147,916	24,175	267	34,104	8,141	86
October	186,396	32,182	406	151,418	24,078	339	34,978	8,104	67
November	188,291	32,045	416	152,864	23,982	346	35,428	8,062	70
December	185,116	32,224	495	150,942	23,875	414	34,174	8,349	81
2013, End of Month Stocks									
January	178,747	31,163	442	145,522	23,229	358	33,224	7,934	84
February	175,325	30,880	442	143,950	22,863	362	31,375	8,016	80
March	171,518	31,678	406	141,849	23,459	323	29,669	8,219	83
April	172,654	31,052	455	142,970	22,945	387	29,684	8,107	68
May	176,670	30,894	442	144,709	22,813	348	31,961	8,081	95
June	170,534	30,626	407	139,574	22,586	303	30,960	8,040	105
July	159,536	29,924	394	131,879	22,094	279	27,658	7,829	115
August	154,119	30,328	260	127,058	22,231	183	27,061	8,097	77
Sept	152,185	30,215	309	125,368	21,707	191	26,817	8,509	118
October	153,352	30,487	291	125,321	21,734	214	28,031	8,752	77
November	155,754	31,170	338	126,278	21,773	250	29,477	9,397	87
December	147,973	31,045	390	120,888	21,906	303	27,085	9,139	86
2014, End of Month Stocks									
January	132,324	26,770	298	107,330	19,870	216	24,993	6,900	82

Notes: See Glossary for definitions. Values for 2012 and prior years are final. Values for 2013 and 2014 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, January 2014 and 2013

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	January 2014	January 2013	Percentage Change	January 2014	January 2013	Percentage Change	January 2014	January 2013	Percentage Change
New England	842	866	-2.7%	2,571	2,281	13.0%	0	0	--
Connecticut	W	W	W	W	1,174	W	0	0	--
Maine	0	0	--	W	W	W	0	0	--
Massachusetts	W	432	W	963	744	29.0%	0	0	--
New Hampshire	W	W	W	W	W	W	0	0	--
Rhode Island	0	0	--	W	W	W	0	0	--
Vermont	0	0	--	27	50	-46.0%	0	0	--
Middle Atlantic	5,392	7,179	-25.0%	3,341	5,021	-33.0%	W	W	W
New Jersey	964	882	9.2%	607	1,022	-41.0%	0	0	--
New York	162	486	-67.0%	2,173	3,130	-31.0%	0	0	--
Pennsylvania	4,267	5,810	-27.0%	562	870	-35.0%	W	W	W
East North Central	22,864	33,489	-32.0%	1,210	1,188	1.8%	89	55	61.0%
Illinois	5,963	8,418	-29.0%	119	114	4.0%	0	0	--
Indiana	6,852	8,680	-21.0%	109	112	-3.1%	0	0	--
Michigan	4,344	5,894	-26.0%	410	432	-5.0%	W	W	W
Ohio	3,220	5,990	-46.0%	343	292	17.0%	W	W	W
Wisconsin	2,485	4,508	-45.0%	229	238	-3.7%	W	W	W
West North Central	21,782	29,925	-27.0%	968	1,032	-6.2%	0	0	--
Iowa	6,448	8,442	-24.0%	139	154	-9.5%	0	0	--
Kansas	3,328	3,545	-6.1%	161	160	0.9%	0	0	--
Minnesota	W	2,579	W	133	164	-19.0%	0	0	--
Missouri	6,519	10,249	-36.0%	297	306	-3.0%	0	0	--
Nebraska	2,458	3,223	-24.0%	122	130	-6.5%	0	0	--
North Dakota	1,141	W	W	46	37	23.0%	0	0	--
South Dakota	W	W	W	70	80	-13.0%	0	0	--
South Atlantic	27,130	37,669	-28.0%	11,255	13,447	-16.0%	W	W	W
Delaware	W	W	W	265	390	-32.0%	0	0	--
District of Columbia	0	0	--	0	0	--	0	0	--
Florida	W	W	W	6,366	7,029	-9.4%	W	W	W
Georgia	6,504	9,966	-35.0%	857	915	-6.3%	0	0	--
Maryland	973	1,723	-44.0%	512	820	-38.0%	0	0	--
North Carolina	W	6,830	W	947	1,126	-16.0%	0	0	--
South Carolina	4,643	5,979	-22.0%	529	639	-17.0%	0	W	W
Virginia	1,070	1,901	-44.0%	1,628	2,371	-31.0%	0	0	--
West Virginia	4,555	5,381	-15.0%	151	157	-3.9%	W	W	W
East South Central	14,643	18,966	-23.0%	1,865	2,026	-7.9%	W	W	W
Alabama	3,911	5,997	-35.0%	281	320	-12.0%	0	0	--
Kentucky	6,569	7,709	-15.0%	251	259	-3.0%	W	W	W
Mississippi	1,182	2,042	-42.0%	582	564	3.2%	0	0	--
Tennessee	2,982	3,219	-7.4%	751	883	-15.0%	0	0	--
West South Central	22,967	28,778	-20.0%	2,298	2,513	-8.6%	W	W	W
Arkansas	3,183	4,146	-23.0%	230	242	-5.1%	0	0	--
Louisiana	3,650	3,116	17.0%	643	655	-1.9%	W	W	W
Oklahoma	3,247	4,720	-31.0%	W	196	W	0	0	--
Texas	12,886	16,796	-23.0%	W	1,420	W	0	W	W
Mountain	15,464	19,711	-22.0%	635	672	-5.5%	W	W	W
Arizona	2,648	4,202	-37.0%	181	224	-19.0%	0	0	--
Colorado	3,649	3,966	-8.0%	118	126	-6.4%	0	0	--
Idaho	0	0	--	W	W	W	0	0	--
Montana	W	W	W	W	W	W	W	W	W
Nevada	552	1,111	-50.0%	180	179	0.5%	0	0	--
New Mexico	W	W	W	50	47	5.3%	0	0	--
Utah	3,663	4,627	-21.0%	52	50	3.5%	0	0	--
Wyoming	3,037	3,783	-20.0%	38	27	43.0%	0	0	--
Pacific Contiguous	W	W	W	361	406	-11.0%	W	W	W
California	W	W	W	188	200	-5.8%	W	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	2,266	2,576	-12.0%	0	0	--
Alaska	W	W	W	39	250	-84.0%	0	0	--
Hawaii	W	W	W	2,227	2,326	-4.3%	0	0	--
U.S. Total	132,324	178,747	-26.0%	26,770	31,163	-14.0%	298	442	-33.0%

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, January 2014 and 2013

	Electric Power Sector			Electric Utilities		Independent Power Producers	
Census Division	**January 2014**	**January 2013**	**Percentage Change**	**January 2014**	**January 2013**	**January 2014**	**January 2013**
Coal (Thousand Tons)							
New England	842	866	-2.7%	W	W	W	W
Middle Atlantic	5,392	7,179	-24.9%	0	0	5,392	7,179
East North Central	22,864	33,489	-31.7%	17,263	24,957	5,601	8,533
West North Central	21,782	29,925	-27.2%	21,782	29,925	0	0
South Atlantic	27,130	37,669	-28.0%	24,513	34,246	2,617	3,422
East South Central	14,643	18,966	-22.8%	14,643	18,966	0	0
West South Central	22,967	28,778	-20.2%	13,585	17,017	9,382	11,761
Mountain	15,464	19,711	-21.5%	14,315	W	1,150	W
Pacific Contiguous	W	W	W	W	W	W	W
Pacific Noncontiguous	W	W	W	W	W	W	W
U.S. Total	**132,324**	**178,747**	**-26.0%**	**107,330**	**145,522**	**24,993**	**33,224**
Petroleum Liquids (Thousand Barrels)							
New England	2,571	2,281	12.7%	391	458	2,180	1,823
Middle Atlantic	3,341	5,021	-33.5%	1,321	2,217	2,020	2,804
East North Central	1,210	1,188	1.8%	W	975	W	213
West North Central	968	1,032	-6.2%	951	1,001	16	31
South Atlantic	11,255	13,447	-16.3%	9,562	11,137	1,693	2,310
East South Central	1,865	2,026	-7.9%	W	W	W	W
West South Central	2,298	2,513	-8.6%	W	1,930	W	583
Mountain	635	672	-5.5%	W	W	W	W
Pacific Contiguous	361	406	-11.0%	W	W	W	W
Pacific Noncontiguous	2,266	2,576	-12.0%	W	W	W	W
U.S. Total	**26,770**	**31,163**	**-14.1%**	**19,870**	**23,229**	**6,900**	**7,934**
Petroleum Coke (Thousand Tons)							
New England	0	0	--	0	0	0	0
Middle Atlantic	W	W	W	0	0	W	W
East North Central	89	55	60.7%	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	W
Mountain	W	W	W	0	0	W	W
Pacific Contiguous	W	W	W	0	0	W	W
Pacific Noncontiguous	0	0	--	0	0	0	0
U.S. Total	**298**	**442**	**-32.6%**	**216**	**358**	**82**	**84**

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, 2004 - January 2014

	Electric Power Sector			
Period	Bituminous Coal	Subbituminous Coal	Lignite Coal	Total
End of Year Stocks				
2004	49,022	53,618	4,029	106,669
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	72,963	69,996	5,014	147,973
2012, End of Month Stocks				
January	83,807	91,263	5,021	180,091
February	87,674	94,462	4,729	186,866
March	90,520	100,126	4,734	195,380
April	93,508	103,798	4,960	202,265
May	94,058	103,893	5,187	203,137
June	92,348	100,431	5,146	197,924
July	83,754	95,299	4,906	183,958
August	80,888	92,705	4,944	178,537
Sept	82,766	94,464	4,789	182,020
October	86,510	95,156	4,730	186,396
November	87,622	95,917	4,752	188,291
December	86,437	93,833	4,846	185,116
2013, End of Month Stocks				
January	83,389	90,707	4,651	178,747
February	81,674	89,169	4,482	175,325
March	80,360	86,403	4,755	171,518
April	82,410	85,237	5,007	172,654
May	84,105	86,420	6,145	176,670
June	81,649	82,805	6,080	170,534
July	75,586	78,290	5,660	159,536
August	72,684	75,942	5,493	154,119
Sept	71,739	74,966	5,481	152,185
October	73,687	74,261	5,405	153,352
November	74,861	75,637	5,256	155,754
December	72,963	69,996	5,014	147,973
2014, End of Month Stocks				
January	62,170	64,824	5,330	132,324

Notes: See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 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), 2004 - January 2014

	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												
2004	20,188,633	1,002,032	1.36	27.42	0.97	95.9	958,046	151,821	5.00	31.58	0.88	81.7
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	15,570,755	803,206	2.35	45.50	1.30	91.3	123,567	20,348	20.59	125.06	0.46	79.2
2012												
January	1,480,587	77,241	2.37	45.47	1.19	106.2	11,646	1,937	21.66	130.26	0.51	77.9
February	1,338,494	69,194	2.38	46.12	1.29	106.8	8,226	1,372	22.16	132.92	0.50	76.8
March	1,274,079	65,492	2.39	46.59	1.25	110.9	9,681	1,593	22.29	135.43	0.51	84.0
April	1,176,104	59,906	2.42	47.54	1.30	112.7	7,788	1,302	23.58	141.17	0.59	71.4
May	1,254,371	64,477	2.42	47.01	1.29	100.3	8,596	1,445	23.02	136.98	0.56	69.0
June	1,294,346	67,090	2.36	45.52	1.29	91.7	12,141	2,007	22.01	133.16	0.52	79.2
July	1,403,271	72,850	2.40	46.22	1.19	82.7	12,495	2,064	20.43	123.72	0.54	71.1
August	1,504,806	77,652	2.40	46.47	1.23	92.1	10,040	1,672	21.12	126.85	0.50	74.8
Sept	1,383,347	71,970	2.38	45.68	1.20	101.4	8,209	1,357	21.91	132.56	0.48	76.1
October	1,397,904	72,425	2.36	45.57	1.23	106.5	8,718	1,451	22.23	133.66	0.41	72.8
November	1,388,563	71,846	2.36	45.63	1.25	100.5	8,623	1,441	22.30	133.48	0.45	76.8
December	1,369,707	71,041	2.36	45.60	1.27	94.9	10,773	1,824	20.63	121.91	0.55	79.7
2013												
January	1,314,386	68,094	2.35	45.29	1.27	88.8	10,661	1,769	21.01	126.70	0.50	57.1
February	1,201,145	61,998	2.35	45.46	1.35	90.3	10,741	1,749	21.01	129.18	0.46	84.3
March	1,262,552	64,822	2.35	45.86	1.35	90.0	14,178	2,306	20.16	123.96	0.46	126.8
April	1,202,488	61,226	2.38	46.69	1.36	98.2	6,085	1,017	21.53	128.87	0.51	54.7
May	1,300,089	66,503	2.37	46.38	1.32	100.4	8,589	1,416	20.71	125.63	0.50	70.4
June	1,292,065	66,654	2.36	45.77	1.26	87.0	6,973	1,164	20.97	125.63	0.50	60.8
July	1,364,276	71,348	2.32	44.27	1.20	84.2	10,653	1,765	20.51	123.78	0.48	59.6
August	1,435,848	74,510	2.33	44.91	1.27	89.3	11,956	1,956	19.69	120.38	0.44	96.8
Sept	1,331,684	68,838	2.35	45.38	1.29	92.9	9,869	1,624	20.16	122.60	0.38	89.7
October	1,286,635	66,005	2.35	45.73	1.34	97.2	10,093	1,665	20.85	126.36	0.43	97.5
November	1,285,565	66,194	2.33	45.34	1.30	98.1	12,749	2,094	20.10	122.55	0.46	116.7
December	1,294,022	67,013	2.34	45.21	1.29	84.9	11,021	1,823	21.22	128.15	0.43	69.6
2014												
January	1,295,681	67,813	2.30	43.88	1.26	79.4	26,826	4,498	21.85	130.48	0.42	40.7
Year to Date												
2012	1,480,587	77,241	2.37	45.47	1.19	106.2	11,646	1,937	21.66	130.26	0.51	77.9
2013	1,314,386	68,094	2.35	45.29	1.27	88.8	10,661	1,769	21.01	126.70	0.50	57.1
2014	1,295,681	67,813	2.30	43.88	1.26	79.4	26,826	4,498	21.85	130.48	0.42	40.7
Rolling 12 Months Ending in January												
2013	16,099,377	832,036	2.38	46.08	1.25	98.0	115,952	19,295	21.79	130.96	0.51	73.3
2014	15,552,049	802,925	2.34	45.38	1.30	90.4	139,733	23,077	20.80	125.99	0.45	68.6

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 2012 and prior years are final. Values for 2013 and 2014 are preliminary.
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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.

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Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 2004 - January 2014 (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												
2004	196,606	6,967	0.83	23.48	5.08	79.9	5,890,750	5,734,054	5.96	6.12	85.2	2.48
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	129,737	4,555	2.16	61.50	5.43	75.5	8,677,544	8,463,303	4.33	4.44	90.0	3.10
2012												
January	11,219	393	2.43	69.57	5.15	64.9	702,012	687,733	3.69	3.77	91.4	2.86
February	8,815	304	2.30	67.01	5.34	64.6	695,018	680,275	3.34	3.42	91.7	2.77
March	9,788	344	1.90	54.10	5.67	102.7	724,404	709,072	2.99	3.05	91.6	2.69
April	9,077	317	2.11	60.29	5.30	106.0	774,136	755,344	2.71	2.78	92.9	2.61
May	8,583	300	2.57	73.30	5.51	86.8	866,898	847,784	2.94	3.00	92.5	2.70
June	10,175	351	2.32	67.41	5.65	92.3	933,407	912,633	3.11	3.18	92.4	2.76
July	7,560	264	2.41	69.46	5.73	62.0	1,134,111	1,108,411	3.43	3.51	92.3	2.92
August	8,618	301	2.45	70.17	5.73	63.8	1,050,429	1,027,710	3.50	3.58	91.8	2.89
Sept	11,925	417	2.39	68.43	5.65	96.9	856,022	837,053	3.41	3.49	92.2	2.81
October	9,915	348	2.00	56.95	5.64	87.5	726,388	710,327	3.84	3.93	92.1	2.91
November	10,964	384	2.05	58.34	5.59	88.3	628,800	614,906	4.25	4.35	90.3	2.99
December	13,029	458	2.06	58.45	5.66	107.6	655,067	640,143	4.21	4.31	90.7	3.01
2013												
January	9,901	348	2.02	57.79	5.64	66.2	674,846	658,835	4.38	4.49	89.1	3.09
February	9,560	336	W	W	5.42	76.3	605,664	591,385	4.39	4.50	89.0	W
March	8,081	284	W	W	5.50	59.7	647,612	631,717	4.29	4.40	89.2	W
April	11,010	387	2.26	64.50	5.37	85.8	606,715	591,713	4.67	4.78	89.8	3.16
May	11,519	403	2.32	66.15	5.39	76.7	662,786	645,559	4.62	4.75	90.4	3.16
June	11,292	398	2.39	67.99	5.09	73.9	779,828	760,011	4.42	4.54	91.0	3.15
July	11,964	418	2.27	64.99	5.46	75.9	943,799	919,088	4.20	4.31	90.8	3.12
August	10,669	372	2.23	64.10	5.40	66.1	935,780	913,083	3.91	4.00	90.7	3.00
Sept	12,082	422	2.15	61.43	5.39	81.2	787,778	770,983	4.08	4.17	90.8	3.02
October	11,948	422	2.11	59.82	5.39	81.7	681,492	664,318	4.11	4.21	90.1	3.00
November	9,462	332	1.98	56.57	5.45	79.0	640,042	623,987	4.19	4.30	88.6	3.01
December	12,249	433	1.99	56.11	5.69	84.9	711,200	692,624	4.91	5.04	89.2	3.28
2014												
January	9,894	350	1.73	48.87	5.25	66.0	708,596	690,842	7.03	7.21	89.5	4.09
Year to Date												
2012	11,219	393	2.43	69.57	5.15	64.9	702,012	687,733	3.69	3.77	91.4	2.86
2013	9,901	348	2.02	57.79	5.64	66.2	674,846	658,835	4.38	4.49	89.1	3.09
2014	9,894	350	1.73	48.87	5.25	66.0	708,596	690,842	7.03	7.21	89.5	4.09
Rolling 12 Months Ending in January												
2013	118,349	4,135	2.20	63.07	5.60	83.7	9,719,525	9,502,491	3.47	3.55	91.7	--
2014	129,730	4,558	W	W	5.40	75.4	8,711,294	8,495,310	4.54	4.66	90.0	W

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Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2004 - January 2014

	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												
2004	15,440,681	758,557	1.34	27.30	0.91	98.2	592,478	93,034	4.80	30.57	1.01	89.6
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	11,479,647	586,469	2.38	46.58	1.23	91.7	78,306	12,850	21.12	128.71	0.43	78.2
2012												
January	1,065,584	54,942	2.39	46.44	1.14	105.0	8,221	1,366	21.73	130.71	0.42	91.4
February	977,965	50,084	2.41	47.06	1.22	106.8	5,975	995	22.16	133.14	0.38	79.9
March	948,751	48,359	2.44	47.94	1.21	111.4	7,907	1,294	22.94	140.22	0.42	95.1
April	873,863	43,906	2.49	49.64	1.27	110.0	6,007	1,002	23.78	142.55	0.48	74.8
May	929,247	47,009	2.47	48.73	1.25	100.2	6,122	1,029	23.35	138.90	0.46	71.4
June	952,000	48,574	2.42	47.38	1.20	90.4	9,006	1,481	22.42	136.33	0.47	85.5
July	1,051,379	53,700	2.44	47.70	1.15	83.3	9,357	1,538	20.71	126.01	0.40	75.7
August	1,118,779	56,932	2.43	47.75	1.16	92.6	7,640	1,266	21.17	127.71	0.40	79.3
Sept	1,011,975	51,891	2.43	47.40	1.12	100.7	6,246	1,026	21.88	133.24	0.37	80.2
October	1,013,074	51,751	2.40	47.07	1.16	105.5	6,497	1,074	22.21	134.37	0.29	78.3
November	999,479	51,032	2.40	46.93	1.17	99.5	5,800	970	22.46	134.34	0.34	75.6
December	997,447	51,264	2.39	46.58	1.19	94.0	7,253	1,212	21.36	127.87	0.42	90.1
2013												
January	956,945	49,199	2.38	46.24	1.18	88.2	7,457	1,236	21.07	127.14	0.41	71.2
February	889,847	45,484	2.39	46.73	1.27	92.6	6,212	1,007	21.33	131.54	0.40	83.0
March	939,284	47,836	2.38	46.67	1.27	91.8	9,920	1,607	20.43	126.12	0.45	126.0
April	895,136	45,281	2.42	47.74	1.28	99.2	3,814	635	21.99	131.96	0.45	50.2
May	949,381	48,270	2.41	47.32	1.24	99.8	5,991	983	20.89	127.31	0.47	72.9
June	956,723	48,779	2.39	46.96	1.21	87.0	4,697	784	21.30	127.70	0.43	61.2
July	1,021,070	52,643	2.34	45.45	1.17	85.7	7,139	1,182	20.82	125.77	0.44	63.9
August	1,060,523	54,375	2.37	46.24	1.21	88.4	8,381	1,353	19.78	122.53	0.45	95.1
Sept	964,553	49,265	2.38	46.63	1.22	92.5	4,862	792	21.66	132.99	0.34	67.7
October	947,064	48,221	2.37	46.51	1.28	97.3	6,119	1,008	21.97	133.42	0.40	83.8
November	949,052	48,528	2.37	46.37	1.22	97.6	6,293	1,033	21.60	131.57	0.41	82.7
December	950,070	48,587	2.37	46.37	1.23	85.6	7,421	1,230	21.90	132.08	0.43	86.8
2014												
January	926,836	47,957	2.30	44.54	1.17	76.8	12,029	2,016	21.72	129.65	0.32	43.8
Year to Date												
2012	1,065,584	54,942	2.39	46.44	1.14	105.0	8,221	1,366	21.73	130.71	0.42	91.4
2013	956,945	49,199	2.38	46.24	1.18	88.2	7,457	1,236	21.07	127.14	0.41	71.2
2014	926,836	47,957	2.30	44.54	1.17	76.8	12,029	2,016	21.72	129.65	0.32	43.8
Rolling 12 Months Ending in January												
2013	11,830,904	603,702	2.42	47.51	1.19	97.5	85,266	14,122	22.05	133.15	0.41	79.5
2014	11,449,539	585,227	2.37	46.44	1.23	90.6	82,878	13,630	21.21	128.99	0.41	70.6

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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.
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Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2004 - January 2014 (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												
2004	107,985	3,817	0.89	25.15	5.10	92.0	1,542,746	1,499,933	6.15	6.33	82.9	1.87
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	2.10	60.05	5.34	101.6	3,736,948	3,654,627	4.50	4.60	96.9	2.98
2012												
January	7,379	255	2.45	71.02	4.81	85.9	279,420	274,897	4.05	4.12	96.4	2.85
February	6,359	217	2.46	71.86	5.19	94.5	273,306	268,688	3.72	3.79	97.7	2.78
March	5,557	194	1.93	55.37	5.76	181.7	293,402	288,321	3.39	3.45	97.6	2.79
April	4,870	169	1.98	57.09	5.08	140.6	323,371	315,071	3.12	3.21	98.1	2.76
May	4,136	143	2.75	79.88	5.42	95.2	376,312	368,744	3.27	3.33	97.8	2.79
June	5,504	188	2.40	70.40	5.87	110.8	400,778	392,707	3.42	3.49	97.4	2.84
July	3,695	127	2.64	76.56	5.84	70.0	491,080	480,504	3.64	3.72	97.7	2.92
August	5,434	188	2.62	75.86	5.63	110.5	444,330	435,215	3.80	3.88	97.3	2.91
Sept	8,450	294	2.50	71.95	5.53	162.9	356,511	349,654	3.74	3.82	97.4	2.85
October	7,203	251	2.07	59.25	5.53	161.4	304,602	298,960	4.18	4.26	98.1	2.90
November	6,304	221	2.00	57.04	5.51	126.3	262,811	257,894	4.49	4.58	97.3	2.91
December	7,891	276	2.05	58.55	5.55	162.2	277,655	272,801	4.47	4.55	98.5	2.94
2013												
January	6,816	237	1.97	56.67	5.52	93.7	288,755	282,814	4.37	4.46	98.1	2.94
February	7,272	254	2.05	58.54	5.32	115.4	259,966	254,812	4.30	4.39	98.0	2.91
March	5,449	190	2.00	57.27	5.37	80.5	280,493	274,440	4.44	4.54	98.0	2.99
April	8,309	291	2.23	63.79	5.23	133.8	257,094	251,642	4.89	4.99	98.0	3.02
May	8,610	301	2.28	65.22	5.28	83.5	286,257	279,472	4.84	4.96	98.4	3.05
June	8,302	291	2.36	67.19	4.88	83.7	343,902	336,201	4.65	4.76	96.8	3.05
July	9,006	314	2.25	64.47	5.35	93.2	405,204	395,665	4.38	4.49	95.5	3.00
August	7,910	274	2.15	62.01	5.24	82.6	415,031	406,236	4.15	4.24	95.5	2.96
Sept	10,687	373	2.09	59.92	5.32	114.6	343,087	335,876	4.36	4.45	96.3	2.96
October	9,457	333	2.06	58.58	5.37	114.9	293,607	287,021	4.41	4.51	97.0	2.93
November	7,486	262	1.87	53.23	5.41	120.6	262,233	256,260	4.46	4.56	95.8	2.91
December	9,784	343	1.84	52.48	5.75	125.9	301,318	294,189	4.95	5.07	97.1	3.09
2014												
January	8,753	309	1.72	48.60	5.22	88.7	308,366	301,321	6.20	6.34	97.9	3.44
Year to Date												
2012	7,379	255	2.45	71.02	4.81	85.9	279,420	274,897	4.05	4.12	96.4	2.85
2013	6,816	237	1.97	56.67	5.52	93.7	288,755	282,814	4.37	4.46	98.1	2.94
2014	8,753	309	1.72	48.60	5.22	88.7	308,366	301,321	6.20	6.34	97.9	3.44
Rolling 12 Months Ending in January												
2013	72,218	2,503	2.25	65.01	5.53	121.5	4,092,914	4,011,374	3.76	3.84	97.7	--
2014	101,025	3,535	2.08	59.28	5.32	100.9	3,756,558	3,673,134	4.65	4.75	96.9	--

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Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2004 - January 2014

	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												
2004	4,410,775	227,700	1.41	27.27	1.13	93.3	337,011	54,152	5.35	33.31	0.61	93.6
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	3,890,699	207,886	2.21	41.37	1.49	94.9	43,238	7,170	19.69	118.82	0.45	109.3
2012												
January	388,350	21,060	2.26	41.77	1.31	115.4	2,714	456	22.60	134.74	0.30	105.3
February	337,872	18,053	2.27	42.45	1.46	113.6	1,746	295	23.54	139.55	0.43	98.9
March	301,945	16,043	2.19	41.20	1.38	115.8	893	151	24.81	146.34	0.43	63.0
April	279,069	14,935	2.14	39.96	1.36	128.0	1,229	210	25.16	147.95	0.44	77.7
May	301,903	16,397	2.21	40.78	1.39	104.1	1,913	324	23.65	139.61	0.42	75.9
June	319,532	17,466	2.14	39.18	1.56	98.3	2,573	433	21.63	128.42	0.44	71.3
July	327,180	17,996	2.24	40.71	1.31	82.4	2,341	397	20.68	121.95	0.56	61.1
August	359,430	19,491	2.25	41.57	1.42	92.8	1,813	310	21.95	128.49	0.44	73.6
Sept	347,329	18,971	2.17	39.83	1.41	106.6	1,531	262	W	W	0.48	81.4
October	360,456	19,549	2.19	40.38	1.41	113.1	1,785	306	23.25	135.64	0.43	87.1
November	365,210	19,708	2.22	41.11	1.46	106.7	2,446	410	22.75	135.68	0.40	108.5
December	348,160	18,669	2.24	41.72	1.50	101.0	2,937	518	19.60	110.92	0.51	73.8
2013												
January	340,941	18,161	2.22	41.69	1.51	95.5	2,933	489	21.08	126.71	0.54	47.7
February	296,408	15,858	2.18	40.82	1.57	89.1	4,331	709	20.66	126.55	0.51	115.4
March	306,254	16,226	2.25	42.38	1.58	89.6	4,003	658	19.62	119.28	0.41	193.9
April	291,480	15,251	2.22	42.45	1.61	101.1	2,062	348	W	W	0.44	95.8
May	333,182	17,460	2.23	42.66	1.54	107.9	2,398	401	20.47	122.55	0.43	94.5
June	319,506	17,178	2.22	41.35	1.41	90.9	2,041	343	20.50	122.16	0.43	80.9
July	325,945	17,938	2.19	39.79	1.28	83.2	3,347	557	20.01	120.25	0.46	64.6
August	358,153	19,383	2.17	40.08	1.42	95.5	3,431	579	19.52	115.72	0.39	152.7
Sept	350,561	18,838	2.20	41.01	1.48	97.9	4,937	820	18.63	112.25	0.40	173.0
October	322,743	17,045	2.24	42.38	1.50	102.6	3,890	644	19.12	115.46	0.47	190.2
November	318,976	16,898	2.19	41.26	1.51	105.8	6,387	1,049	18.51	113.03	0.49	283.7
December	326,549	17,650	2.21	40.93	1.45	87.0	3,478	573	19.70	119.32	0.41	60.6
2014												
January	351,567	19,088	2.25	41.36	1.46	90.7	14,487	2,432	22.03	131.48	0.46	43.1
Year to Date												
2012	388,350	21,060	2.26	41.77	1.31	115.4	2,714	456	22.60	134.74	0.30	105.3
2013	340,941	18,161	2.22	41.69	1.51	95.5	2,933	489	21.08	126.71	0.54	47.7
2014	351,567	19,088	2.25	41.36	1.46	90.7	14,487	2,432	22.03	131.48	0.46	43.1
Rolling 12 Months Ending in January												
2013	3,989,027	215,442	2.21	40.90	1.43	103.2	24,140	4,106	W	W	0.47	72.1
2014	3,901,325	208,812	2.21	41.34	1.48	94.4	54,793	9,112	W	W	0.45	81.6

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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, 2004 - January 2014 (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												
2004	73,745	2,609	0.72	20.30	4.95	81.0	3,491,942	3,403,474	5.86	6.01	93.1	3.43
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	63.3	4,190,714	4,080,785	4.25	4.36	93.1	W
2012												
January	2,378	84	0.75	21.66	5.78	81.3	349,484	341,570	3.44	3.52	93.9	2.83
February	2,027	71	W	W	5.74	80.6	354,095	345,712	3.08	3.15	93.6	W
March	2,331	81	W	W	5.72	113.6	361,777	353,324	2.65	2.72	93.3	W
April	1,925	67	W	W	5.46	145.3	381,808	373,193	2.34	2.40	94.9	W
May	1,868	65	W	W	5.66	105.2	421,157	411,534	2.68	2.74	94.5	W
June	2,609	90	1.52	44.78	5.17	153.1	460,670	449,871	2.85	2.92	94.4	2.59
July	2,447	86	1.37	40.26	5.40	119.6	568,098	555,197	3.28	3.35	94.2	2.89
August	1,096	38	1.02	29.88	5.35	39.1	533,502	520,978	3.25	3.32	93.6	2.84
Sept	832	29	W	W	5.05	40.7	431,134	420,686	3.17	3.25	94.8	W
October	951	33	W	W	5.25	45.2	351,334	342,548	3.63	3.72	94.0	W
November	2,194	76	W	W	5.33	120.2	296,103	288,823	4.16	4.26	91.8	W
December	2,364	82	W	W	5.58	125.5	301,391	293,201	4.03	4.14	90.9	W
2013												
January	1,444	52	0.00	0.00	5.37	64.1	324,443	315,935	4.56	4.68	92.8	3.33
February	1,424	51	0.00	0.00	5.39	70.3	286,512	279,141	4.69	4.81	91.6	3.44
March	1,474	53	0.00	0.00	5.36	67.4	304,053	296,416	4.35	4.46	92.3	3.31
April	1,507	54	W	W	5.44	73.0	291,416	283,497	4.56	4.68	93.0	W
May	1,628	57	W	W	5.43	111.6	314,292	305,531	4.47	4.60	92.9	W
June	1,541	54	W	W	5.43	77.8	371,688	361,468	4.22	4.34	93.5	W
July	1,543	54	W	W	5.37	66.2	474,886	461,576	4.07	4.18	93.9	W
August	951	34	W	W	5.36	32.6	456,115	444,009	3.69	3.79	93.9	W
Sept	118	4	W	W	5.22	5.9	384,536	376,720	3.84	3.91	94.0	W
October	1,492	53	W	W	5.33	70.0	325,798	317,076	3.87	3.98	93.1	W
November	1,490	52	W	W	5.43	74.2	313,805	305,625	4.04	4.14	92.5	W
December	1,538	55	W	W	5.42	70.6	343,171	333,790	5.02	5.17	93.0	W
2014												
January	922	33	W	W	5.35	51.9	336,351	327,554	8.50	8.73	92.6	W
Year to Date												
2012	2,378	84	0.75	21.66	5.78	81.3	349,484	341,570	3.44	3.52	93.9	2.83
2013	1,444	52	0.00	0.00	5.37	64.1	324,443	315,935	4.56	4.68	92.8	3.33
2014	922	33	W	W	5.35	51.9	336,351	327,554	8.50	8.73	92.6	W
Rolling 12 Months Ending in January												
2013	22,089	769	W	W	5.45	90.8	4,785,512	4,671,002	3.25	3.33	93.7	W
2014	15,628	556	W	W	5.39	62.4	4,202,622	4,092,404	4.56	4.68	93.1	W

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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, 2004 - January 2014

	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												
2004	10,682	451	2.08	49.32	2.48	23.5	3,066	527	6.19	35.96	0.20	26.9
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	10.7	0	0	--	--	--	0.0
2012												
January	399	17	W	W	2.86	11.3	10	2	23.14	133.20	0.00	2.2
February	394	17	3.62	83.49	2.90	12.7	2	0	W	W	0.00	1.7
March	416	18	3.50	81.68	2.65	14.0	2	0	W	W	0.00	1.5
April	523	22	W	W	1.62	21.2	14	3	W	W	0.00	13.8
May	409	18	3.71	85.51	2.70	16.4	5	1	W	W	0.00	3.3
June	291	13	W	W	2.57	11.7	48	8	W	W	0.00	30.3
July	239	10	W	W	2.87	8.6	21	4	W	W	0.00	6.5
August	464	21	W	W	2.69	17.1	47	8	W	W	0.00	24.8
Sept	241	11	W	W	3.13	9.9	19	3	W	W	0.00	16.5
October	159	7	W	W	3.53	6.9	42	7	W	W	0.00	31.5
November	380	17	W	W	3.19	13.5	18	3	W	W	0.00	10.1
December	511	22	2.94	67.86	3.21	15.7	18	3	W	W	0.00	10.3
2013												
January	390	17	W	W	2.99	11.3	0	0	--	--	--	0.0
February	394	17	W	W	3.07	12.0	0	0	--	--	--	0.0
March	489	21	W	W	2.74	15.5	0	0	--	--	--	0.0
April	241	10	W	W	3.04	9.6	0	0	--	--	--	0.0
May	383	17	W	W	2.96	14.6	0	0	--	--	--	0.0
June	355	16	W	W	2.91	14.7	0	0	--	--	--	0.0
July	209	9	W	W	3.41	8.6	0	0	--	--	--	0.0
August	386	17	W	W	2.82	15.8	0	0	--	--	--	0.0
Sept	143	6	W	W	3.37	6.2	0	0	--	--	--	0.0
October	61	3	W	W	3.34	2.7	0	0	--	--	--	0.0
November	202	9	W	W	3.52	7.4	0	0	--	--	--	0.0
December	254	11	W	W	3.45	8.3	0	0	--	--	--	0.0
2014												
January	400	18	W	W	3.06	11.8	0	0	--	--	--	0.0
Year to Date												
2012	399	17	W	W	2.86	11.3	10	2	23.14	133.20	0.00	2.2
2013	390	17	W	W	2.99	11.3	0	0	--	--	--	0.0
2014	400	18	W	W	3.06	11.8	0	0	--	--	--	0.0
Rolling 12 Months Ending in January												
2013	4,417	191	W	W	2.77	13.2	237	42	W	W	0.00	10.6
2014	3,517	152	W	W	3.06	10.8	0	0	--	--	--	0.0

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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, 2004 - January 2014 (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												
2004	0	0	--	--	--	0.0	16,176	15,804	5.93	6.07	21.9	4.58
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	5.1	W
2012												
January	0	0	--	--	--	0.0	1,688	1,657	6.82	6.95	18.1	W
February	0	0	--	--	--	0.0	1,758	1,727	6.32	6.43	19.6	W
March	0	0	--	--	--	0.0	1,587	1,560	6.24	6.35	17.6	W
April	0	0	--	--	--	0.0	1,465	1,438	5.45	5.55	16.9	W
May	0	0	--	--	--	0.0	1,230	1,208	5.51	5.61	13.7	W
June	0	0	--	--	--	0.0	1,265	1,244	5.49	5.58	12.9	W
July	0	0	--	--	--	0.0	1,530	1,507	5.30	5.39	12.4	W
August	0	0	--	--	--	0.0	1,273	1,255	5.79	5.88	11.9	W
Sept	0	0	--	--	--	0.0	1,495	1,477	5.25	5.32	15.9	W
October	0	0	--	--	--	0.0	1,733	1,705	5.47	5.56	19.8	W
November	0	0	--	--	--	0.0	1,593	1,565	6.41	6.52	18.9	W
December	0	0	--	--	--	0.0	1,698	1,666	6.17	6.29	20.1	W
2013												
January	0	0	--	--	--	0.0	330	327	W	W	3.5	W
February	0	0	--	--	--	0.0	361	357	W	W	4.2	W
March	0	0	--	--	--	0.0	382	378	W	W	4.3	W
April	0	0	--	--	--	0.0	375	371	W	W	4.7	W
May	0	0	--	--	--	0.0	467	464	W	W	5.7	W
June	0	0	--	--	--	0.0	404	401	W	W	4.9	W
July	0	0	--	--	--	0.0	445	440	W	W	4.5	W
August	0	0	--	--	--	0.0	414	411	W	W	4.3	W
Sept	0	0	--	--	--	0.0	560	554	W	W	6.6	W
October	0	0	--	--	--	0.0	633	629	W	W	7.5	W
November	0	0	--	--	--	0.0	529	524	W	W	5.7	W
December	0	0	--	--	--	0.0	599	592	W	W	5.7	W
2014												
January	0	0	--	--	--	0.0	405	400	W	W	4.1	W
Year to Date												
2012	0	0	--	--	--	0.0	1,688	1,657	6.82	6.95	18.1	W
2013	0	0	--	--	--	0.0	330	327	W	W	3.5	W
2014	0	0	--	--	--	0.0	405	400	W	W	4.1	W
Rolling 12 Months Ending in January												
2013	0	0	--	--	--	0.0	16,956	16,677	W	W	15.0	W
2014	0	0	--	--	--	0.0	5,572	5,524	W	W	5.2	W

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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, 2004 - January 2014

	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												
2004	326,495	15,324	1.63	34.79	1.43	57.6	25,491	4,107	4.98	30.93	1.38	18.5
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	196,902	8,700	W	W	1.51	44.4	2,023	328	18.42	113.46	1.66	14.6
2012												
January	26,254	1,221	W	W	1.35	60.6	700	113	17.49	108.36	1.64	23.6
February	22,263	1,040	2.99	63.96	1.36	56.8	503	82	W	W	1.46	37.0
March	22,967	1,071	3.06	65.58	1.23	63.6	879	147	W	W	1.15	54.3
April	22,649	1,044	W	W	1.37	70.5	538	87	W	W	1.47	44.5
May	22,811	1,053	3.07	66.43	1.42	67.4	556	91	W	W	1.40	45.8
June	22,523	1,037	W	W	1.45	66.8	515	84	W	W	1.52	50.8
July	24,473	1,143	W	W	1.30	66.8	776	125	W	W	1.63	74.9
August	26,133	1,208	W	W	1.36	70.9	540	88	W	W	1.62	47.6
Sept	23,802	1,098	W	W	1.24	71.5	413	66	W	W	1.71	40.5
October	24,214	1,117	W	W	1.28	70.4	394	64	W	W	1.58	25.8
November	23,495	1,089	W	W	1.32	66.0	359	58	W	W	1.54	31.5
December	23,589	1,085	3.02	65.67	1.30	61.9	565	91	W	W	1.67	43.2
2013												
January	16,110	717	W	W	1.42	41.5	271	44	18.59	114.45	1.76	17.1
February	14,495	639	W	W	1.54	39.9	199	33	18.09	110.10	1.38	16.3
March	16,525	739	W	W	1.41	43.1	255	41	18.33	114.33	1.69	22.5
April	15,631	684	W	W	1.54	44.6	209	34	W	W	1.73	16.6
May	17,144	757	W	W	1.47	48.0	200	32	18.00	112.37	1.65	15.3
June	15,481	682	W	W	1.36	43.2	234	38	18.49	114.07	1.83	21.3
July	17,052	759	W	W	1.50	45.8	167	27	17.47	108.96	1.84	14.0
August	16,786	736	W	W	1.51	46.2	143	24	18.57	112.14	1.82	12.4
Sept	16,427	728	W	W	1.58	47.1	70	12	18.34	110.96	1.45	8.3
October	16,767	736	W	W	1.56	44.7	84	14	19.32	119.82	0.80	9.3
November	17,334	760	W	W	1.65	45.2	69	12	20.57	123.01	0.99	7.6
December	17,149	765	W	W	1.61	43.4	122	20	19.07	117.04	1.57	10.1
2014												
January	16,877	750	W	W	1.49	41.6	310	50	19.16	117.73	1.34	10.0
Year to Date												
2012	26,254	1,221	W	W	1.35	60.6	700	113	17.49	108.36	1.64	23.6
2013	16,110	717	W	W	1.42	41.5	271	44	18.59	114.45	1.76	17.1
2014	16,877	750	W	W	1.49	41.6	310	50	19.16	117.73	1.34	10.0
Rolling 12 Months Ending in January												
2013	275,029	12,701	W	W	1.33	64.2	6,310	1,026	W	W	1.51	41.6
2014	197,669	8,733	W	W	1.52	44.4	2,062	335	W	W	1.57	13.4

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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, 2004 - January 2014 (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												
2004	14,876	540	0.98	27.01	5.59	40.4	839,886	814,843	6.04	6.22	68.4	4.76
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	14,500	517	W	W	6.08	30.3	744,385	722,441	W	W	63.0	W
2012												
January	1,461	54	3.34	91.14	5.57	26.5	71,420	69,608	3.21	3.30	73.8	W
February	428	16	W	W	5.31	10.5	65,859	64,147	2.85	2.93	72.2	W
March	1,900	68	W	W	5.33	44.1	67,637	65,868	2.58	2.66	72.5	W
April	2,282	82	W	W	5.64	61.4	67,492	65,641	2.34	2.41	72.7	W
May	2,579	93	W	W	5.53	69.1	68,198	66,297	2.38	2.46	69.8	W
June	2,062	73	2.59	72.74	5.79	48.2	70,695	68,812	2.65	2.73	70.4	W
July	1,419	51	2.58	71.62	6.07	29.9	73,402	71,204	2.94	3.04	66.4	W
August	2,088	75	2.60	72.32	6.13	37.0	71,324	70,263	3.12	3.17	67.1	W
Sept	2,643	95	W	W	6.16	53.0	66,883	65,236	2.83	2.91	68.3	W
October	1,760	63	W	W	6.27	38.0	68,718	67,113	3.20	3.28	71.8	W
November	2,466	88	W	W	6.01	44.7	68,292	66,625	3.61	3.71	71.7	W
December	2,773	100	W	W	6.05	52.9	74,324	72,475	3.81	3.91	74.0	W
2013												
January	1,642	59	2.23	62.30	6.34	31.0	61,318	59,759	W	W	58.9	W
February	863	31	W	W	6.39	21.1	58,825	57,075	W	W	62.7	W
March	1,159	41	W	W	6.25	25.7	62,684	60,482	W	W	61.7	W
April	1,194	43	W	W	6.25	26.6	57,831	56,203	W	W	62.7	W
May	1,281	45	W	W	6.08	39.7	61,770	60,091	W	W	64.4	W
June	1,450	52	W	W	5.91	43.4	63,835	61,941	W	W	66.9	W
July	1,415	50	W	W	6.27	37.7	63,264	61,407	W	W	63.2	W
August	1,807	63	W	W	6.14	50.7	64,219	62,428	W	W	63.4	W
Sept	1,277	45	W	W	5.96	36.4	59,596	57,833	W	W	63.5	W
October	998	36	W	W	5.60	24.3	61,454	59,591	W	W	64.1	W
November	486	17	W	W	6.03	13.2	63,475	61,578	W	W	63.8	W
December	927	35	W	W	5.52	22.2	66,113	64,053	W	W	61.3	W
2014												
January	219	8	W	W	6.07	6.7	63,475	61,566	W	W	60.9	W
Year to Date												
2012	1,461	54	3.34	91.14	5.57	26.5	71,420	69,608	3.21	3.30	73.8	W
2013	1,642	59	2.23	62.30	6.34	31.0	61,318	59,759	W	W	58.9	W
2014	219	8	W	W	6.07	6.7	63,475	61,566	W	W	60.9	W
Rolling 12 Months Ending in January												
2013	24,042	863	W	W	5.91	42.7	824,144	803,439	W	W	69.5	W
2014	13,077	466	W	W	6.05	28.5	746,542	724,249	W	W	63.2	W

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Table 4.6.A. Receipts of Coal Delivered for Electricity Generation by State, January 2014 and 2013
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	283	305	-7.1%	34	115	243	187	0	0	6	3
Connecticut	43	0	--	0	0	43	0	0	0	0	0
Maine	16	10	51.0%	0	0	9	7	0	0	6	3
Massachusetts	190	179	6.2%	0	0	190	179	0	0	0	0
New Hampshire	34	115	-71.0%	34	115	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	3,114	3,151	-1.2%	0	0	3,076	3,108	0	0	38	43
New Jersey	93	63	48.0%	0	0	93	63	0	0	0	0
New York	234	240	-2.5%	0	0	210	208	0	0	24	32
Pennsylvania	2,787	2,848	-2.1%	0	0	2,773	2,837	0	0	14	11
East North Central	14,423	14,240	1.3%	8,601	8,775	5,580	5,238	4	5	239	222
Illinois	5,432	5,165	5.2%	449	487	4,821	4,526	0	0	163	152
Indiana	2,870	2,978	-3.6%	2,663	2,750	207	228	0	0	0	0
Michigan	1,506	1,441	4.5%	1,459	1,425	32	0	4	5	11	11
Ohio	2,998	3,003	-0.2%	2,453	2,493	520	485	0	0	26	26
Wisconsin	1,617	1,653	-2.2%	1,577	1,620	0	0	0	0	39	33
West North Central	11,884	11,486	3.5%	11,742	11,359	0	0	13	12	128	115
Iowa	1,626	1,770	-8.1%	1,498	1,655	0	0	0	0	128	115
Kansas	1,780	1,435	24.0%	1,780	1,435	0	0	0	0	0	0
Minnesota	1,087	1,136	-4.3%	1,087	1,136	0	0	0	0	0	0
Missouri	3,673	3,918	-6.2%	3,660	3,907	0	0	13	12	0	0
Nebraska	1,290	1,289	0.1%	1,290	1,289	0	0	0	0	0	0
North Dakota	2,277	1,748	30.0%	2,277	1,748	0	0	0	0	0	0
South Dakota	151	190	-21.0%	151	190	0	0	0	0	0	0
South Atlantic	8,146	9,170	-11.0%	6,154	6,968	1,846	2,060	0	0	146	142
Delaware	47	80	-41.0%	0	0	47	80	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,581	1,499	5.5%	1,568	1,499	13	0	0	0	0	0
Georgia	1,067	1,659	-36.0%	1,035	1,619	0	0	0	0	31	40
Maryland	683	827	-17.0%	0	0	644	792	0	0	39	34
North Carolina	872	971	-10.0%	872	971	0	0	0	0	0	0
South Carolina	695	768	-9.5%	683	757	0	0	0	0	12	11
Virginia	843	465	81.0%	759	407	53	20	0	0	30	38
West Virginia	2,359	2,902	-19.0%	1,236	1,716	1,089	1,168	0	0	33	18
East South Central	6,778	7,082	-4.3%	6,365	6,539	274	406	0	0	139	137
Alabama	1,870	1,700	10.0%	1,870	1,700	0	0	0	0	0	0
Kentucky	2,862	3,074	-6.9%	2,862	3,074	0	0	0	0	0	0
Mississippi	421	561	-25.0%	148	156	274	406	0	0	0	0
Tennessee	1,625	1,747	-7.0%	1,486	1,609	0	0	0	0	139	137
West South Central	13,227	12,719	4.0%	6,712	6,937	6,516	5,781	0	0	0	0
Arkansas	1,701	1,629	4.4%	1,505	1,449	196	180	0	0	0	0
Louisiana	897	988	-9.2%	362	646	535	342	0	0	0	0
Oklahoma	1,861	1,593	17.0%	1,768	1,518	93	75	0	0	0	0
Texas	8,768	8,508	3.1%	3,077	3,323	5,691	5,185	0	0	0	0
Mountain	8,994	9,241	-2.7%	8,184	8,243	811	998	0	0	0	0
Arizona	2,094	1,968	6.4%	2,094	1,968	0	0	0	0	0	0
Colorado	1,695	1,572	7.8%	1,695	1,572	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	735	928	-21.0%	0	0	735	928	0	0	0	0
Nevada	269	82	228.0%	193	12	76	70	0	0	0	0
New Mexico	838	1,393	-40.0%	838	1,393	0	0	0	0	0	0
Utah	948	1,141	-17.0%	948	1,141	0	0	0	0	0	0
Wyoming	2,416	2,157	12.0%	2,416	2,157	0	0	0	0	0	0
Pacific Contiguous	901	639	41.0%	166	262	680	322	0	0	55	55
California	55	75	-27.0%	0	0	0	21	0	0	55	55
Oregon	166	262	-37.0%	166	262	0	0	0	0	0	0
Washington	680	302	125.0%	0	0	680	302	0	0	0	0
Pacific Noncontiguous	62	61	1.3%	0	0	62	61	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	62	61	1.3%	0	0	62	61	0	0	0	0
U.S. Total	67,813	68,094	-0.4%	47,957	49,199	19,088	18,161	18	17	750	717

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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) January 2014 and 2013
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	283	305	-7.1%	34	115	243	187	0	0	6	3
Connecticut	43	0	--	0	0	43	0	0	0	0	0
Maine	16	10	51.0%	0	0	9	7	0	0	6	3
Massachusetts	190	179	6.2%	0	0	190	179	0	0	0	0
New Hampshire	34	115	-71.0%	34	115	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	3,114	3,151	-1.2%	0	0	3,076	3,108	0	0	38	43
New Jersey	93	63	48.0%	0	0	93	63	0	0	0	0
New York	234	240	-2.5%	0	0	210	208	0	0	24	32
Pennsylvania	2,787	2,848	-2.1%	0	0	2,773	2,837	0	0	14	11
East North Central	14,423	14,240	1.3%	8,601	8,775	5,580	5,238	4	5	239	222
Illinois	5,432	5,165	5.2%	449	487	4,821	4,526	0	0	163	152
Indiana	2,870	2,978	-3.6%	2,663	2,750	207	228	0	0	0	0
Michigan	1,506	1,441	4.5%	1,459	1,425	32	0	4	5	11	11
Ohio	2,998	3,003	-0.2%	2,453	2,493	520	485	0	0	26	26
Wisconsin	1,617	1,653	-2.2%	1,577	1,620	0	0	0	0	39	33
West North Central	11,884	11,486	3.5%	11,742	11,359	0	0	13	12	128	115
Iowa	1,626	1,770	-8.1%	1,498	1,655	0	0	0	0	128	115
Kansas	1,780	1,435	24.0%	1,780	1,435	0	0	0	0	0	0
Minnesota	1,087	1,136	-4.3%	1,087	1,136	0	0	0	0	0	0
Missouri	3,673	3,918	-6.2%	3,660	3,907	0	0	13	12	0	0
Nebraska	1,290	1,289	0.1%	1,290	1,289	0	0	0	0	0	0
North Dakota	2,277	1,748	30.0%	2,277	1,748	0	0	0	0	0	0
South Dakota	151	190	-21.0%	151	190	0	0	0	0	0	0
South Atlantic	8,146	9,170	-11.0%	6,154	6,968	1,846	2,060	0	0	146	142
Delaware	47	80	-41.0%	0	0	47	80	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,581	1,499	5.5%	1,568	1,499	13	0	0	0	0	0
Georgia	1,067	1,659	-36.0%	1,035	1,619	0	0	0	0	31	40
Maryland	683	827	-17.0%	0	0	644	792	0	0	39	34
North Carolina	872	971	-10.0%	872	971	0	0	0	0	0	0
South Carolina	695	768	-9.5%	683	757	0	0	0	0	12	11
Virginia	843	465	81.0%	759	407	53	20	0	0	30	38
West Virginia	2,359	2,902	-19.0%	1,236	1,716	1,089	1,168	0	0	33	18
East South Central	6,778	7,082	-4.3%	6,365	6,539	274	406	0	0	139	137
Alabama	1,870	1,700	10.0%	1,870	1,700	0	0	0	0	0	0
Kentucky	2,862	3,074	-6.9%	2,862	3,074	0	0	0	0	0	0
Mississippi	421	561	-25.0%	148	156	274	406	0	0	0	0
Tennessee	1,625	1,747	-7.0%	1,486	1,609	0	0	0	0	139	137
West South Central	13,227	12,719	4.0%	6,712	6,937	6,516	5,781	0	0	0	0
Arkansas	1,701	1,629	4.4%	1,505	1,449	196	180	0	0	0	0
Louisiana	897	988	-9.2%	362	646	535	342	0	0	0	0
Oklahoma	1,861	1,593	17.0%	1,768	1,518	93	75	0	0	0	0
Texas	8,768	8,508	3.1%	3,077	3,323	5,691	5,185	0	0	0	0
Mountain	8,994	9,241	-2.7%	8,184	8,243	811	998	0	0	0	0
Arizona	2,094	1,968	6.4%	2,094	1,968	0	0	0	0	0	0
Colorado	1,695	1,572	7.8%	1,695	1,572	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	735	928	-21.0%	0	0	735	928	0	0	0	0
Nevada	269	82	228.0%	193	12	76	70	0	0	0	0
New Mexico	838	1,393	-40.0%	838	1,393	0	0	0	0	0	0
Utah	948	1,141	-17.0%	948	1,141	0	0	0	0	0	0
Wyoming	2,416	2,157	12.0%	2,416	2,157	0	0	0	0	0	0
Pacific Contiguous	901	639	41.0%	166	262	680	322	0	0	55	55
California	55	75	-27.0%	0	0	0	21	0	0	55	55
Oregon	166	262	-37.0%	166	262	0	0	0	0	0	0
Washington	680	302	125.0%	0	0	680	302	0	0	0	0
Pacific Noncontiguous	62	61	1.3%	0	0	62	61	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	62	61	1.3%	0	0	62	61	0	0	0	0
U.S. Total	67,813	68,094	-0.4%	47,957	49,199	19,088	18,161	18	17	750	717

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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, January 2014 and 2013
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	441	185	139.0%	2	67	429	114	0	0	10	4
Connecticut	54	3	NM	0	0	54	3	0	0	0	0
Maine	14	80	-82.0%	0	0	4	76	0	0	10	4
Massachusetts	216	35	520.0%	0	0	216	35	0	0	0	0
New Hampshire	105	67	58.0%	2	67	103	0	0	0	0	0
Rhode Island	52	0	--	0	0	52	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	1,300	186	601.0%	66	15	1,233	170	0	0	2	1
New Jersey	146	7	NM	0	0	146	7	0	0	0	0
New York	855	100	753.0%	66	15	788	85	0	0	1	0
Pennsylvania	299	78	285.0%	0	0	299	77	0	0	1	1
East North Central	309	82	276.0%	125	66	178	14	0	0	5	2
Illinois	39	11	241.0%	4	5	35	7	0	0	0	0
Indiana	24	19	29.0%	24	19	0	0	0	0	0	0
Michigan	26	18	45.0%	25	16	0	0	0	0	0	1
Ohio	186	18	912.0%	38	11	143	7	0	0	4	0
Wisconsin	34	16	113.0%	33	16	0	0	0	0	1	0
West North Central	72	38	88.0%	72	38	0	0	0	0	0	0
Iowa	11	8	38.0%	11	8	0	0	0	0	0	0
Kansas	9	6	58.0%	9	6	0	0	0	0	0	0
Minnesota	18	3	447.0%	18	3	0	0	0	0	0	0
Missouri	19	10	86.0%	19	10	0	0	0	0	0	0
Nebraska	6	1	362.0%	6	1	0	0	0	0	0	0
North Dakota	8	10	-14.0%	8	10	0	0	0	0	0	0
South Dakota	1	0	--	1	0	0	0	0	0	0	0
South Atlantic	1,528	232	560.0%	1,048	123	447	72	0	0	33	37
Delaware	5	3	100.0%	0	0	5	3	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	24	15	68.0%	23	15	2	0	0	0	0	0
Georgia	146	35	313.0%	80	21	47	0	0	0	19	15
Maryland	314	16	NM	0	0	314	16	0	0	0	0
North Carolina	255	80	219.0%	244	31	11	49	0	0	0	0
South Carolina	194	28	593.0%	189	7	0	0	0	0	4	21
Virginia	550	24	NM	485	17	56	5	0	0	10	1
West Virginia	39	32	22.0%	28	32	12	0	0	0	0	0
East South Central	92	228	-60.0%	70	228	22	0	0	0	0	0
Alabama	48	56	-14.0%	26	56	22	0	0	0	0	0
Kentucky	16	23	-32.0%	16	23	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	28	148	-81.0%	28	148	0	0	0	0	0	0
West South Central	18	24	-25.0%	8	4	10	20	0	0	0	0
Arkansas	2	3	-51.0%	1	0	1	3	0	0	0	0
Louisiana	3	6	-44.0%	0	0	3	6	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	13	15	-13.0%	7	4	6	11	0	0	0	0
Mountain	42	53	-22.0%	41	51	1	2	0	0	0	0
Arizona	7	20	-66.0%	7	20	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	1	1	-52.0%	0	0	1	1	0	0	0	0
Nevada	1	3	-63.0%	1	2	0	1	0	0	0	0
New Mexico	11	10	5.6%	11	10	0	0	0	0	0	0
Utah	8	17	-52.0%	8	17	0	0	0	0	0	0
Wyoming	14	2	523.0%	14	2	0	0	0	0	0	0
Pacific Contiguous	1	16	-94.0%	0	15	1	1	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	1	16	-94.0%	0	15	1	1	0	0	0	0
Pacific Noncontiguous	694	725	-4.3%	583	629	111	96	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	694	725	-4.3%	583	629	111	96	0	0	0	0
U.S. Total	4,498	1,769	154.0%	2,016	1,236	2,432	489	0	0	50	44

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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) January 2014 and 2013
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	441	185	139.0%	2	67	429	114	0	0	10	4
Connecticut	54	3	NM	0	0	54	3	0	0	0	0
Maine	14	80	-82.0%	0	0	4	76	0	0	10	4
Massachusetts	216	35	520.0%	0	0	216	35	0	0	0	0
New Hampshire	105	67	58.0%	2	67	103	0	0	0	0	0
Rhode Island	52	0	--	0	0	52	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	1,300	186	601.0%	66	15	1,233	170	0	0	2	1
New Jersey	146	7	NM	0	0	146	7	0	0	0	0
New York	855	100	753.0%	66	15	788	85	0	0	1	0
Pennsylvania	299	78	285.0%	0	0	299	77	0	0	1	1
East North Central	309	82	276.0%	125	66	178	14	0	0	5	2
Illinois	39	11	241.0%	4	5	35	7	0	0	0	0
Indiana	24	19	29.0%	24	19	0	0	0	0	0	0
Michigan	26	18	45.0%	25	16	0	0	0	0	0	1
Ohio	186	18	912.0%	38	11	143	7	0	0	4	0
Wisconsin	34	16	113.0%	33	16	0	0	0	0	1	0
West North Central	72	38	88.0%	72	38	0	0	0	0	0	0
Iowa	11	8	38.0%	11	8	0	0	0	0	0	0
Kansas	9	6	58.0%	9	6	0	0	0	0	0	0
Minnesota	18	3	447.0%	18	3	0	0	0	0	0	0
Missouri	19	10	86.0%	19	10	0	0	0	0	0	0
Nebraska	6	1	362.0%	6	1	0	0	0	0	0	0
North Dakota	8	10	-14.0%	8	10	0	0	0	0	0	0
South Dakota	1	0	--	1	0	0	0	0	0	0	0
South Atlantic	1,528	232	560.0%	1,048	123	447	72	0	0	33	37
Delaware	5	3	100.0%	0	0	5	3	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	24	15	68.0%	23	15	2	0	0	0	0	0
Georgia	146	35	313.0%	80	21	47	0	0	0	19	15
Maryland	314	16	NM	0	0	314	16	0	0	0	0
North Carolina	255	80	219.0%	244	31	11	49	0	0	0	0
South Carolina	194	28	593.0%	189	7	0	0	0	0	4	21
Virginia	550	24	NM	485	17	56	5	0	0	10	1
West Virginia	39	32	22.0%	28	32	12	0	0	0	0	0
East South Central	92	228	-60.0%	70	228	22	0	0	0	0	0
Alabama	48	56	-14.0%	26	56	22	0	0	0	0	0
Kentucky	16	23	-32.0%	16	23	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	28	148	-81.0%	28	148	0	0	0	0	0	0
West South Central	18	24	-25.0%	8	4	10	20	0	0	0	0
Arkansas	2	3	-51.0%	1	0	1	3	0	0	0	0
Louisiana	3	6	-44.0%	0	0	3	6	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	13	15	-13.0%	7	4	6	11	0	0	0	0
Mountain	42	53	-22.0%	41	51	1	2	0	0	0	0
Arizona	7	20	-66.0%	7	20	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	1	1	-52.0%	0	0	1	1	0	0	0	0
Nevada	1	3	-63.0%	1	2	0	1	0	0	0	0
New Mexico	11	10	5.6%	11	10	0	0	0	0	0	0
Utah	8	17	-52.0%	8	17	0	0	0	0	0	0
Wyoming	14	2	523.0%	14	2	0	0	0	0	0	0
Pacific Contiguous	1	16	-94.0%	0	15	1	1	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	1	16	-94.0%	0	15	1	1	0	0	0	0
Pacific Noncontiguous	694	725	-4.3%	583	629	111	96	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	694	725	-4.3%	583	629	111	96	0	0	0	0
U.S. Total	4,498	1,769	154.0%	2,016	1,236	2,432	489	0	0	50	44

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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, January 2014 and 2013
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
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	126	66	91.0%	85	0	33	52	0	0	7	14
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	49	0	--	49	0	0	0	0	0	0	0
Michigan	35	0	--	33	0	2	0	0	0	0	0
Ohio	31	52	-39.0%	0	0	31	52	0	0	0	0
Wisconsin	10	14	-30.0%	3	0	0	0	0	0	7	14
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	66	48	38.0%	65	40	0	0	0	0	0	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	65	40	64.0%	65	40	0	0	0	0	0	0
Georgia	0	8	-96.0%	0	0	0	0	0	0	0	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	20	70	-71.0%	20	70	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	20	70	-71.0%	20	70	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	138	164	-16.0%	138	128	0	0	0	0	0	37
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	138	128	8.4%	138	128	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	37	-100.0%	0	0	0	0	0	0	0	37
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	350	348	0.8%	309	237	33	52	0	0	8	59

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:
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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) January 2014 and 2013
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 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	126	66	91.0%	85	0	33	52	0	0	7	14
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	49	0	--	49	0	0	0	0	0	0	0
Michigan	35	0	--	33	0	2	0	0	0	0	0
Ohio	31	52	-39.0%	0	0	31	52	0	0	0	0
Wisconsin	10	14	-30.0%	3	0	0	0	0	0	7	14
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	66	48	38.0%	65	40	0	0	0	0	0	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	65	40	64.0%	65	40	0	0	0	0	0	0
Georgia	0	8	-96.0%	0	0	0	0	0	0	0	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	20	70	-71.0%	20	70	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	20	70	-71.0%	20	70	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	138	164	-16.0%	138	128	0	0	0	0	0	37
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	138	128	8.4%	138	128	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	37	-100.0%	0	0	0	0	0	0	0	37
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	350	348	0.8%	309	237	33	52	0	0	8	59

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.
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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, January 2014 and 2013
(Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	19,163	27,682	-31.0%	97	102	18,692	26,281	0	0	375	1,299
Connecticut	5,824	8,661	-33.0%	0	0	5,824	8,661	0	0	0	0
Maine	2,987	3,560	-16.0%	0	0	2,612	2,261	0	0	375	1,299
Massachusetts	7,228	9,857	-27.0%	96	74	7,132	9,783	0	0	0	0
New Hampshire	582	2,883	-80.0%	1	28	581	2,855	0	0	0	0
Rhode Island	2,542	2,722	-6.6%	0	0	2,542	2,722	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	69,353	72,185	-3.9%	7,050	6,192	62,127	65,762	0	0	176	231
New Jersey	14,308	12,599	14.0%	0	0	14,308	12,599	0	0	0	0
New York	28,944	29,778	-2.8%	7,050	6,192	21,815	23,515	0	0	80	71
Pennsylvania	26,101	29,807	-12.0%	0	0	26,005	29,648	0	0	96	159
East North Central	46,319	33,661	38.0%	18,428	13,298	27,253	19,653	396	324	243	386
Illinois	4,327	1,111	289.0%	175	212	4,146	890	0	0	6	9
Indiana	9,857	7,007	41.0%	7,184	4,646	2,673	2,360	0	0	0	0
Michigan	11,740	6,627	77.0%	2,857	1,276	8,463	4,898	396	324	23	130
Ohio	15,907	13,642	17.0%	6,283	4,330	9,585	9,305	0	0	39	8
Wisconsin	4,489	5,274	-15.0%	1,929	2,833	2,386	2,200	0	0	174	240
West North Central	8,512	8,072	5.4%	7,592	7,406	916	663	4	3	0	0
Iowa	1,300	870	50.0%	1,300	870	0	0	0	0	0	0
Kansas	1,109	364	204.0%	1,109	364	0	0	0	0	0	0
Minnesota	2,894	3,842	-25.0%	2,045	3,406	849	436	0	0	0	0
Missouri	2,876	2,760	4.2%	2,806	2,530	67	227	4	3	0	0
Nebraska	81	35	131.0%	81	35	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	251	201	25.0%	251	201	0	0	0	0	0	0
South Atlantic	142,205	138,706	2.5%	115,060	111,531	25,282	23,570	0	0	1,864	3,604
Delaware	2,751	4,344	-37.0%	0	0	1,880	2,245	0	0	871	2,099
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	76,100	72,750	4.6%	72,333	70,671	3,767	2,078	0	0	0	0
Georgia	22,574	23,979	-5.9%	16,581	16,515	5,386	6,490	0	0	607	974
Maryland	855	288	197.0%	0	0	819	233	0	0	36	55
North Carolina	17,806	15,932	12.0%	12,245	10,042	5,561	5,890	0	0	0	0
South Carolina	6,960	6,551	6.2%	6,373	6,480	539	28	0	0	47	43
Virginia	14,083	14,635	-3.8%	6,760	7,712	7,020	6,490	0	0	303	434
West Virginia	1,077	227	375.0%	768	111	309	116	0	0	0	0
East South Central	68,424	56,148	22.0%	42,481	36,351	25,881	19,770	0	0	62	27
Alabama	29,550	25,262	17.0%	8,965	7,957	20,585	17,305	0	0	0	0
Kentucky	6,397	1,101	481.0%	6,025	1,101	372	0	0	0	0	0
Mississippi	26,194	24,965	4.9%	21,271	22,499	4,923	2,465	0	0	0	0
Tennessee	6,283	4,821	30.0%	6,221	4,794	0	0	0	0	62	27
West South Central	214,973	205,882	4.4%	53,640	48,887	106,484	106,580	0	0	54,849	50,415
Arkansas	7,446	9,087	-18.0%	634	1,005	6,812	8,081	0	0	0	0
Louisiana	44,040	35,964	22.0%	16,112	15,007	9,478	5,872	0	0	18,450	15,085
Oklahoma	20,467	18,207	12.0%	16,256	14,322	4,210	3,885	0	0	0	0
Texas	143,020	142,625	0.3%	20,637	18,553	85,984	88,742	0	0	36,399	35,331
Mountain	37,795	41,498	-8.9%	25,858	28,417	11,888	13,040	0	0	49	41
Arizona	10,275	10,434	-1.5%	4,412	5,472	5,863	4,962	0	0	0	0
Colorado	6,051	6,354	-4.8%	3,792	3,790	2,259	2,564	0	0	0	0
Idaho	2,574	2,320	11.0%	1,418	1,242	1,156	1,078	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	9,652	14,184	-32.0%	8,969	11,446	683	2,738	0	0	0	0
New Mexico	5,073	4,425	15.0%	3,156	3,000	1,918	1,425	0	0	0	0
Utah	4,159	3,774	10.0%	4,102	3,462	8	272	0	0	49	41
Wyoming	10	7	47.0%	10	7	0	0	0	0	0	0
Pacific Contiguous	82,704	72,083	15.0%	29,723	27,712	49,033	40,616	0	0	3,948	3,756
California	63,427	58,763	7.9%	18,019	20,889	41,460	34,118	0	0	3,948	3,756
Oregon	11,382	10,110	13.0%	4,673	3,611	6,709	6,498	0	0	0	0
Washington	7,895	3,211	146.0%	7,031	3,211	864	0	0	0	0	0
Pacific Noncontiguous	1,393	2,917	-52.0%	1,393	2,917	0	0	0	0	0	0
Alaska	1,393	2,917	-52.0%	1,393	2,917	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	690,842	658,835	4.9%	301,321	282,814	327,554	315,935	400	327	61,566	59,759

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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) January 2014 and 2013
(Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	19,163	27,682	-31.0%	97	102	18,692	26,281	0	0	375	1,299
Connecticut	5,824	8,661	-33.0%	0	0	5,824	8,661	0	0	0	0
Maine	2,987	3,560	-16.0%	0	0	2,612	2,261	0	0	375	1,299
Massachusetts	7,228	9,857	-27.0%	96	74	7,132	9,783	0	0	0	0
New Hampshire	582	2,883	-80.0%	1	28	581	2,855	0	0	0	0
Rhode Island	2,542	2,722	-6.6%	0	0	2,542	2,722	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	69,353	72,185	-3.9%	7,050	6,192	62,127	65,762	0	0	176	231
New Jersey	14,308	12,599	14.0%	0	0	14,308	12,599	0	0	0	0
New York	28,944	29,778	-2.8%	7,050	6,192	21,815	23,515	0	0	80	71
Pennsylvania	26,101	29,807	-12.0%	0	0	26,005	29,648	0	0	96	159
East North Central	46,319	33,661	38.0%	18,428	13,298	27,253	19,653	396	324	243	386
Illinois	4,327	1,111	289.0%	175	212	4,146	890	0	0	6	9
Indiana	9,857	7,007	41.0%	7,184	4,646	2,673	2,360	0	0	0	0
Michigan	11,740	6,627	77.0%	2,857	1,276	8,463	4,898	396	324	23	130
Ohio	15,907	13,642	17.0%	6,283	4,330	9,585	9,305	0	0	39	8
Wisconsin	4,489	5,274	-15.0%	1,929	2,833	2,386	2,200	0	0	174	240
West North Central	8,512	8,072	5.4%	7,592	7,406	916	663	4	3	0	0
Iowa	1,300	870	50.0%	1,300	870	0	0	0	0	0	0
Kansas	1,109	364	204.0%	1,109	364	0	0	0	0	0	0
Minnesota	2,894	3,842	-25.0%	2,045	3,406	849	436	0	0	0	0
Missouri	2,876	2,760	4.2%	2,806	2,530	67	227	4	3	0	0
Nebraska	81	35	131.0%	81	35	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	251	201	25.0%	251	201	0	0	0	0	0	0
South Atlantic	142,205	138,706	2.5%	115,060	111,531	25,282	23,570	0	0	1,864	3,604
Delaware	2,751	4,344	-37.0%	0	0	1,880	2,245	0	0	871	2,099
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	76,100	72,750	4.6%	72,333	70,671	3,767	2,078	0	0	0	0
Georgia	22,574	23,979	-5.9%	16,581	16,515	5,386	6,490	0	0	607	974
Maryland	855	288	197.0%	0	0	819	233	0	0	36	55
North Carolina	17,806	15,932	12.0%	12,245	10,042	5,561	5,890	0	0	0	0
South Carolina	6,960	6,551	6.2%	6,373	6,480	539	28	0	0	47	43
Virginia	14,083	14,635	-3.8%	6,760	7,712	7,020	6,490	0	0	303	434
West Virginia	1,077	227	375.0%	768	111	309	116	0	0	0	0
East South Central	68,424	56,148	22.0%	42,481	36,351	25,881	19,770	0	0	62	27
Alabama	29,550	25,262	17.0%	8,965	7,957	20,585	17,305	0	0	0	0
Kentucky	6,397	1,101	481.0%	6,025	1,101	372	0	0	0	0	0
Mississippi	26,194	24,965	4.9%	21,271	22,499	4,923	2,465	0	0	0	0
Tennessee	6,283	4,821	30.0%	6,221	4,794	0	0	0	0	62	27
West South Central	214,973	205,882	4.4%	53,640	48,887	106,484	106,580	0	0	54,849	50,415
Arkansas	7,446	9,087	-18.0%	634	1,005	6,812	8,081	0	0	0	0
Louisiana	44,040	35,964	22.0%	16,112	15,007	9,478	5,872	0	0	18,450	15,085
Oklahoma	20,467	18,207	12.0%	16,256	14,322	4,210	3,885	0	0	0	0
Texas	143,020	142,625	0.3%	20,637	18,553	85,984	88,742	0	0	36,399	35,331
Mountain	37,795	41,498	-8.9%	25,858	28,417	11,888	13,040	0	0	49	41
Arizona	10,275	10,434	-1.5%	4,412	5,472	5,863	4,962	0	0	0	0
Colorado	6,051	6,354	-4.8%	3,792	3,790	2,259	2,564	0	0	0	0
Idaho	2,574	2,320	11.0%	1,418	1,242	1,156	1,078	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	9,652	14,184	-32.0%	8,969	11,446	683	2,738	0	0	0	0
New Mexico	5,073	4,425	15.0%	3,156	3,000	1,918	1,425	0	0	0	0
Utah	4,159	3,774	10.0%	4,102	3,462	8	272	0	0	49	41
Wyoming	10	7	47.0%	10	7	0	0	0	0	0	0
Pacific Contiguous	82,704	72,083	15.0%	29,723	27,712	49,033	40,616	0	0	3,948	3,756
California	63,427	58,763	7.9%	18,019	20,889	41,460	34,118	0	0	3,948	3,756
Oregon	11,382	10,110	13.0%	4,673	3,611	6,709	6,498	0	0	0	0
Washington	7,895	3,211	146.0%	7,031	3,211	864	0	0	0	0	0
Pacific Noncontiguous	1,393	2,917	-52.0%	1,393	2,917	0	0	0	0	0	0
Alaska	1,393	2,917	-52.0%	1,393	2,917	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	690,842	658,835	4.9%	301,321	282,814	327,554	315,935	400	327	61,566	59,759

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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, January 2014 and 2013

(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013
New England	W	W	W	4.58	4.37	W	W
Connecticut	W	--	W	--	--	W	--
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	4.58	4.37	4.8%	4.58	4.37	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.92	2.60	12.0%	--	--	2.92	2.60
New Jersey	3.85	W	W	--	--	3.85	W
New York	3.09	W	W	--	--	3.09	W
Pennsylvania	2.88	2.55	13.0%	--	--	2.88	2.55
East North Central	2.24	2.27	-1.3%	2.38	2.43	2.00	1.95
Illinois	1.91	1.91	0.0%	2.07	2.14	1.89	1.88
Indiana	W	W	W	2.54	2.54	W	W
Michigan	W	2.86	W	2.65	2.86	W	--
Ohio	W	W	W	2.24	2.28	W	W
Wisconsin	2.18	2.22	-1.8%	2.18	2.22	--	--
West North Central	1.74	1.76	-1.1%	1.74	1.76	--	--
Iowa	1.63	1.63	0.0%	1.63	1.63	--	--
Kansas	1.74	1.84	-5.4%	1.74	1.84	--	--
Minnesota	1.93	2.04	-5.4%	1.93	2.04	--	--
Missouri	1.95	1.89	3.2%	1.95	1.89	--	--
Nebraska	1.37	1.47	-6.8%	1.37	1.47	--	--
North Dakota	1.48	1.45	2.1%	1.48	1.45	--	--
South Dakota	2.20	2.11	4.3%	2.20	2.11	--	--
South Atlantic	3.04	3.27	-7.0%	3.20	3.39	2.54	2.85
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	3.48	W	3.29	3.48	W	--
Georgia	3.00	3.38	-11.0%	3.00	3.38	--	--
Maryland	2.89	W	W	--	--	2.89	W
North Carolina	3.76	3.82	-1.6%	3.76	3.82	--	--
South Carolina	3.63	3.90	-6.9%	3.63	3.90	--	--
Virginia	W	W	W	3.11	3.48	W	W
West Virginia	2.44	2.58	-5.4%	2.64	2.85	2.21	2.17
East South Central	W	W	W	2.48	2.58	W	W
Alabama	2.63	2.78	-5.4%	2.63	2.78	--	--
Kentucky	2.37	2.40	-1.2%	2.37	2.40	--	--
Mississippi	W	W	W	3.71	4.35	W	W
Tennessee	2.37	2.53	-6.3%	2.37	2.53	--	--
West South Central	2.07	2.09	-1.0%	2.21	2.26	1.90	1.87
Arkansas	W	W	W	2.35	2.43	W	W
Louisiana	W	W	W	2.56	2.88	W	W
Oklahoma	W	W	W	1.92	2.01	W	W
Texas	2.02	1.99	1.5%	2.26	2.18	1.87	1.85
Mountain	W	W	W	2.00	1.90	W	W
Arizona	2.10	2.08	1.0%	2.10	2.08	--	--
Colorado	1.89	1.90	-0.5%	1.89	1.90	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.57	2.94	W	W
New Mexico	2.57	2.28	13.0%	2.57	2.28	--	--
Utah	2.19	1.83	20.0%	2.19	1.83	--	--
Wyoming	1.62	1.51	7.3%	1.62	1.51	--	--
Pacific Contiguous	W	W	W	2.43	1.91	W	W
California	--	W	W	--	--	--	W
Oregon	2.43	1.91	27.0%	2.43	1.91	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.29	2.34	-2.1%	2.30	2.38	2.25	2.22

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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) January 2014 and 2013

(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	W	W	W	4.58	4.37	W	W
Connecticut	W	--	W	--	--	W	--
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	4.58	4.37	4.8%	4.58	4.37	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.92	2.60	12.0%	--	--	2.92	2.60
New Jersey	3.85	W	W	--	--	3.85	W
New York	3.09	W	W	--	--	3.09	W
Pennsylvania	2.88	2.55	13.0%	--	--	2.88	2.55
East North Central	2.24	2.27	-1.3%	2.38	2.43	2.00	1.95
Illinois	1.91	1.91	0.0%	2.07	2.14	1.89	1.88
Indiana	W	W	W	2.54	2.54	W	W
Michigan	W	2.86	W	2.65	2.86	W	--
Ohio	W	W	W	2.24	2.28	W	W
Wisconsin	2.18	2.22	-1.8%	2.18	2.22	--	--
West North Central	1.74	1.76	-1.1%	1.74	1.76	--	--
Iowa	1.63	1.63	0.0%	1.63	1.63	--	--
Kansas	1.74	1.84	-5.4%	1.74	1.84	--	--
Minnesota	1.93	2.04	-5.4%	1.93	2.04	--	--
Missouri	1.95	1.89	3.2%	1.95	1.89	--	--
Nebraska	1.37	1.47	-6.8%	1.37	1.47	--	--
North Dakota	1.48	1.45	2.1%	1.48	1.45	--	--
South Dakota	2.20	2.11	4.3%	2.20	2.11	--	--
South Atlantic	3.04	3.27	-7.0%	3.20	3.39	2.54	2.85
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	3.48	W	3.29	3.48	W	--
Georgia	3.00	3.38	-11.0%	3.00	3.38	--	--
Maryland	2.89	W	W	--	--	2.89	W
North Carolina	3.76	3.82	-1.6%	3.76	3.82	--	--
South Carolina	3.63	3.90	-6.9%	3.63	3.90	--	--
Virginia	W	W	W	3.11	3.48	W	W
West Virginia	2.44	2.58	-5.4%	2.64	2.85	2.21	2.17
East South Central	W	W	W	2.48	2.58	W	W
Alabama	2.63	2.78	-5.4%	2.63	2.78	--	--
Kentucky	2.37	2.40	-1.2%	2.37	2.40	--	--
Mississippi	W	W	W	3.71	4.35	W	W
Tennessee	2.37	2.53	-6.3%	2.37	2.53	--	--
West South Central	2.07	2.09	-1.0%	2.21	2.26	1.90	1.87
Arkansas	W	W	W	2.35	2.43	W	W
Louisiana	W	W	W	2.56	2.88	W	W
Oklahoma	W	W	W	1.92	2.01	W	W
Texas	2.02	1.99	1.5%	2.26	2.18	1.87	1.85
Mountain	W	W	W	2.00	1.90	W	W
Arizona	2.10	2.08	1.0%	2.10	2.08	--	--
Colorado	1.89	1.90	-0.5%	1.89	1.90	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.57	2.94	W	W
New Mexico	2.57	2.28	13.0%	2.57	2.28	--	--
Utah	2.19	1.83	20.0%	2.19	1.83	--	--
Wyoming	1.62	1.51	7.3%	1.62	1.51	--	--
Pacific Contiguous	W	W	W	2.43	1.91	W	W
California	--	W	W	--	--	--	W
Oregon	2.43	1.91	27.0%	2.43	1.91	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.29	2.34	-2.1%	2.30	2.38	2.25	2.22

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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, January 2014 and 2013

(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013
New England	W	18.24	W	23.16	17.53	W	18.65
Connecticut	W	24.92	W	--	--	W	24.92
Maine	W	W	W	--	--	W	W
Massachusetts	19.61	W	W	--	--	19.61	W
New Hampshire	W	17.53	W	23.16	17.53	W	--
Rhode Island	W	--	W	--	--	W	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	21.50	22.11	-2.8%	25.07	25.85	21.30	21.70
New Jersey	23.87	W	W	--	--	23.87	W
New York	20.70	W	W	25.07	25.85	20.32	W
Pennsylvania	22.59	23.24	-2.8%	--	--	22.59	23.24
East North Central	24.04	22.64	6.2%	22.48	22.70	25.33	22.38
Illinois	W	W	W	22.66	23.52	W	W
Indiana	22.73	23.15	-1.8%	22.73	23.15	--	--
Michigan	22.09	22.27	-0.8%	22.09	22.27	--	--
Ohio	W	W	W	23.26	22.21	W	W
Wisconsin	21.67	22.69	-4.5%	21.67	22.69	--	--
West North Central	21.79	22.04	-1.1%	21.79	22.04	--	--
Iowa	21.93	22.67	-3.3%	21.93	22.67	--	--
Kansas	21.78	22.53	-3.3%	21.78	22.53	--	--
Minnesota	20.89	22.98	-9.1%	20.89	22.98	--	--
Missouri	22.10	21.35	3.5%	22.10	21.35	--	--
Nebraska	21.95	22.32	-1.7%	21.95	22.32	--	--
North Dakota	22.49	21.67	3.8%	22.49	21.67	--	--
South Dakota	23.34	--	--	23.34	--	--	--
South Atlantic	22.11	23.34	-5.3%	21.87	23.22	22.68	23.55
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	24.10	W	19.31	24.10	W	--
Georgia	W	24.20	W	23.35	24.20	W	--
Maryland	22.37	22.82	-2.0%	--	--	22.37	22.82
North Carolina	W	W	W	22.20	23.27	W	W
South Carolina	22.50	24.26	-7.3%	22.50	24.26	--	--
Virginia	W	W	W	21.22	20.31	W	W
West Virginia	W	23.47	W	24.20	23.47	W	--
East South Central	W	22.41	W	21.70	22.41	W	--
Alabama	W	22.10	W	21.52	22.10	W	--
Kentucky	22.04	22.18	-0.6%	22.04	22.18	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	21.67	22.56	-3.9%	21.67	22.56	--	--
West South Central	20.01	W	W	19.82	22.57	20.17	W
Arkansas	W	W	W	22.32	--	W	W
Louisiana	W	W	W	--	--	W	W
Oklahoma	24.05	--	--	24.05	--	--	--
Texas	W	21.45	W	19.44	22.57	W	20.99
Mountain	W	W	W	23.21	23.01	W	W
Arizona	22.14	23.30	-5.0%	22.14	23.30	--	--
Colorado	24.15	--	--	24.15	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	24.48	W	W	24.48	23.90	--	W
New Mexico	23.56	26.17	-10.0%	23.56	26.17	--	--
Utah	22.05	21.20	4.0%	22.05	21.20	--	--
Wyoming	23.98	19.22	25.0%	23.98	19.22	--	--
Pacific Contiguous	W	W	W	--	23.63	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	23.63	W	W
Pacific Noncontiguous	W	W	W	20.91	20.08	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	20.91	20.08	W	W
U.S. Total	21.89	21.07	3.9%	21.72	21.07	22.03	21.08

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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) January 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	W	18.24	W	23.16	17.53	W	18.65
Connecticut	W	24.92	W	--	--	W	24.92
Maine	W	W	W	--	--	W	W
Massachusetts	19.61	W	W	--	--	19.61	W
New Hampshire	W	17.53	W	23.16	17.53	W	--
Rhode Island	W	--	W	--	--	W	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	21.50	22.11	-2.8%	25.07	25.85	21.30	21.70
New Jersey	23.87	W	W	--	--	23.87	W
New York	20.70	W	W	25.07	25.85	20.32	W
Pennsylvania	22.59	23.24	-2.8%	--	--	22.59	23.24
East North Central	24.04	22.64	6.2%	22.48	22.70	25.33	22.38
Illinois	W	W	W	22.66	23.52	W	W
Indiana	22.73	23.15	-1.8%	22.73	23.15	--	--
Michigan	22.09	22.27	-0.8%	22.09	22.27	--	--
Ohio	W	W	W	23.26	22.21	W	W
Wisconsin	21.67	22.69	-4.5%	21.67	22.69	--	--
West North Central	21.79	22.04	-1.1%	21.79	22.04	--	--
Iowa	21.93	22.67	-3.3%	21.93	22.67	--	--
Kansas	21.78	22.53	-3.3%	21.78	22.53	--	--
Minnesota	20.89	22.98	-9.1%	20.89	22.98	--	--
Missouri	22.10	21.35	3.5%	22.10	21.35	--	--
Nebraska	21.95	22.32	-1.7%	21.95	22.32	--	--
North Dakota	22.49	21.67	3.8%	22.49	21.67	--	--
South Dakota	23.34	--	--	23.34	--	--	--
South Atlantic	22.11	23.34	-5.3%	21.87	23.22	22.68	23.55
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	24.10	W	19.31	24.10	W	--
Georgia	W	24.20	W	23.35	24.20	W	--
Maryland	22.37	22.82	-2.0%	--	--	22.37	22.82
North Carolina	W	W	W	22.20	23.27	W	W
South Carolina	22.50	24.26	-7.3%	22.50	24.26	--	--
Virginia	W	W	W	21.22	20.31	W	W
West Virginia	W	23.47	W	24.20	23.47	W	--
East South Central	W	22.41	W	21.70	22.41	W	--
Alabama	W	22.10	W	21.52	22.10	W	--
Kentucky	22.04	22.18	-0.6%	22.04	22.18	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	21.67	22.56	-3.9%	21.67	22.56	--	--
West South Central	20.01	W	W	19.82	22.57	20.17	W
Arkansas	W	W	W	22.32	--	W	W
Louisiana	W	W	W	--	--	W	W
Oklahoma	24.05	--	--	24.05	--	--	--
Texas	W	21.45	W	19.44	22.57	W	20.99
Mountain	W	W	W	23.21	23.01	W	W
Arizona	22.14	23.30	-5.0%	22.14	23.30	--	--
Colorado	24.15	--	--	24.15	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	24.48	W	W	24.48	23.90	--	W
New Mexico	23.56	26.17	-10.0%	23.56	26.17	--	--
Utah	22.05	21.20	4.0%	22.05	21.20	--	--
Wyoming	23.98	19.22	25.0%	23.98	19.22	--	--
Pacific Contiguous	W	W	W	--	23.63	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	23.63	W	W
Pacific Noncontiguous	W	W	W	20.91	20.08	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	20.91	20.08	W	W
U.S. Total	21.89	21.07	3.9%	21.72	21.07	22.03	21.08

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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, January 2014 and 2013

(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	W	--	W	1.13	--	W	--
Illinois	--	--	--	--	--	--	--
Indiana	0.89	--	--	0.89	--	--	--
Michigan	W	--	W	1.45	--	W	--
Ohio	--	--	--	--	--	--	--
Wisconsin	1.88	--	--	1.88	--	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.40	2.19	9.6%	2.40	2.19	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.40	2.19	9.6%	2.40	2.19	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.84	1.88	-2.1%	1.84	1.88	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.84	1.88	-2.1%	1.84	1.88	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.73	1.95	-11.0%	1.73	1.95	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.73	1.95	-11.0%	1.73	1.95	--	--
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	1.97	W	1.72	1.97	W	--

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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) January 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	W	--	W	1.13	--	W	--
Illinois	--	--	--	--	--	--	--
Indiana	0.89	--	--	0.89	--	--	--
Michigan	W	--	W	1.45	--	W	--
Ohio	--	--	--	--	--	--	--
Wisconsin	1.88	--	--	1.88	--	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.40	2.19	9.6%	2.40	2.19	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.40	2.19	9.6%	2.40	2.19	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.84	1.88	-2.1%	1.84	1.88	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.84	1.88	-2.1%	1.84	1.88	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.73	1.95	-11.0%	1.73	1.95	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.73	1.95	-11.0%	1.73	1.95	--	--
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	1.97	W	1.72	1.97	W	--

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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, January 2014 and 2013

(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2014	January 2013	Percentage Change	January 2014	January 2013	January 2014	January 2013
New England	17.74	9.65	84.0%	17.84	8.79	17.74	9.65
Connecticut	14.67	9.58	53.0%	--	--	14.67	9.58
Maine	W	W	W	--	--	W	W
Massachusetts	18.00	9.22	95.0%	17.88	8.94	18.01	9.22
New Hampshire	W	8.39	W	10.56	8.39	W	--
Rhode Island	22.05	W	W	--	--	22.05	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	15.63	5.66	176.0%	10.43	6.50	16.30	5.58
New Jersey	14.73	5.53	166.0%	--	--	14.73	5.53
New York	11.61	7.03	65.0%	10.43	6.50	12.06	7.18
Pennsylvania	20.30	4.39	362.0%	--	--	20.30	4.39
East North Central	6.72	3.81	76.0%	6.14	3.87	7.18	3.77
Illinois	14.65	W	W	12.38	5.27	14.86	W
Indiana	W	W	W	5.95	3.79	W	W
Michigan	7.78	4.16	87.0%	7.27	4.24	7.97	4.13
Ohio	5.31	3.61	47.0%	5.89	3.64	4.93	3.60
Wisconsin	W	3.95	W	5.40	4.07	W	3.78
West North Central	W	4.38	W	7.35	4.38	W	4.43
Iowa	12.36	5.00	147.0%	12.36	5.00	--	--
Kansas	5.98	5.54	7.9%	5.98	5.54	--	--
Minnesota	W	W	W	7.35	4.35	W	W
Missouri	W	W	W	5.46	4.04	W	W
Nebraska	7.52	8.82	-15.0%	7.52	8.82	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	8.23	3.61	128.0%	8.23	3.61	--	--
South Atlantic	7.48	4.77	57.0%	7.27	4.87	8.68	4.18
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	5.62	5.11	10.0%	5.68	5.16	3.61	3.25
Georgia	5.46	W	W	5.44	4.00	5.53	W
Maryland	W	7.41	W	--	--	W	7.41
North Carolina	W	W	W	10.96	4.73	W	W
South Carolina	W	4.17	W	5.72	4.17	W	--
Virginia	17.15	4.36	293.0%	23.22	4.87	11.25	3.76
West Virginia	W	3.59	W	5.32	3.48	W	3.69
East South Central	5.12	3.69	39.0%	5.22	3.64	4.89	3.79
Alabama	4.81	W	W	4.78	3.64	4.82	W
Kentucky	W	5.83	W	5.85	5.83	W	--
Mississippi	W	W	W	5.06	3.54	W	W
Tennessee	5.82	3.60	62.0%	5.82	3.60	--	--
West South Central	4.78	3.54	35.0%	4.97	3.66	4.67	3.47
Arkansas	W	3.66	W	7.28	4.65	W	3.53
Louisiana	4.75	3.55	34.0%	4.92	3.60	4.43	3.42
Oklahoma	W	3.68	W	5.03	3.70	W	3.60
Texas	4.72	3.50	35.0%	4.89	3.62	4.67	3.46
Mountain	W	4.16	W	5.28	4.22	W	3.99
Arizona	5.75	W	W	6.28	4.79	4.78	W
Colorado	W	4.67	W	5.47	4.83	W	4.42
Idaho	W	W	W	5.05	4.03	W	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	5.15	4.03	W	W
New Mexico	4.83	3.92	23.0%	4.83	3.92	--	--
Utah	W	3.67	W	4.77	3.67	W	--
Wyoming	6.92	7.91	-13.0%	6.92	7.91	--	--
Pacific Contiguous	5.01	4.08	23.0%	5.17	4.41	4.86	3.80
California	5.15	4.12	25.0%	5.47	4.44	4.93	3.87
Oregon	W	3.59	W	4.32	3.61	W	3.58
Washington	W	5.11	W	5.09	5.11	W	--
Pacific Noncontiguous	4.71	4.60	2.4%	4.71	4.60	--	--
Alaska	4.71	4.60	2.4%	4.71	4.60	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	7.28	4.46	63.0%	6.20	4.37	8.50	4.56

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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) January 2014 and 2013

(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2014 YTD	January 2013 YTD	Percentage Change	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	17.74	9.65	84.0%	17.84	8.79	17.74	9.65
Connecticut	14.67	9.58	53.0%	--	--	14.67	9.58
Maine	W	W	W	--	--	W	W
Massachusetts	18.00	9.22	95.0%	17.88	8.94	18.01	9.22
New Hampshire	W	8.39	W	10.56	8.39	W	--
Rhode Island	22.05	W	W	--	--	22.05	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	15.63	5.66	176.0%	10.43	6.50	16.30	5.58
New Jersey	14.73	5.53	166.0%	--	--	14.73	5.53
New York	11.61	7.03	65.0%	10.43	6.50	12.06	7.18
Pennsylvania	20.30	4.39	362.0%	--	--	20.30	4.39
East North Central	6.72	3.81	76.0%	6.14	3.87	7.18	3.77
Illinois	14.65	W	W	12.38	5.27	14.86	W
Indiana	W	W	W	5.95	3.79	W	W
Michigan	7.78	4.16	87.0%	7.27	4.24	7.97	4.13
Ohio	5.31	3.61	47.0%	5.89	3.64	4.93	3.60
Wisconsin	W	3.95	W	5.40	4.07	W	3.78
West North Central	W	4.38	W	7.35	4.38	W	4.43
Iowa	12.36	5.00	147.0%	12.36	5.00	--	--
Kansas	5.98	5.54	7.9%	5.98	5.54	--	--
Minnesota	W	W	W	7.35	4.35	W	W
Missouri	W	W	W	5.46	4.04	W	W
Nebraska	7.52	8.82	-15.0%	7.52	8.82	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	8.23	3.61	128.0%	8.23	3.61	--	--
South Atlantic	7.48	4.77	57.0%	7.27	4.87	8.68	4.18
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	5.62	5.11	10.0%	5.68	5.16	3.61	3.25
Georgia	5.46	W	W	5.44	4.00	5.53	W
Maryland	W	7.41	W	--	--	W	7.41
North Carolina	W	W	W	10.96	4.73	W	W
South Carolina	W	4.17	W	5.72	4.17	W	--
Virginia	17.15	4.36	293.0%	23.22	4.87	11.25	3.76
West Virginia	W	3.59	W	5.32	3.48	W	3.69
East South Central	5.12	3.69	39.0%	5.22	3.64	4.89	3.79
Alabama	4.81	W	W	4.78	3.64	4.82	W
Kentucky	W	5.83	W	5.85	5.83	W	--
Mississippi	W	W	W	5.06	3.54	W	W
Tennessee	5.82	3.60	62.0%	5.82	3.60	--	--
West South Central	4.78	3.54	35.0%	4.97	3.66	4.67	3.47
Arkansas	W	3.66	W	7.28	4.65	W	3.53
Louisiana	4.75	3.55	34.0%	4.92	3.60	4.43	3.42
Oklahoma	W	3.68	W	5.03	3.70	W	3.60
Texas	4.72	3.50	35.0%	4.89	3.62	4.67	3.46
Mountain	W	4.16	W	5.28	4.22	W	3.99
Arizona	5.75	W	W	6.28	4.79	4.78	W
Colorado	W	4.67	W	5.47	4.83	W	4.42
Idaho	W	W	W	5.05	4.03	W	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	5.15	4.03	W	W
New Mexico	4.83	3.92	23.0%	4.83	3.92	--	--
Utah	W	3.67	W	4.77	3.67	W	--
Wyoming	6.92	7.91	-13.0%	6.92	7.91	--	--
Pacific Contiguous	5.01	4.08	23.0%	5.17	4.41	4.86	3.80
California	5.15	4.12	25.0%	5.47	4.44	4.93	3.87
Oregon	W	3.59	W	4.32	3.61	W	3.58
Washington	W	5.11	W	5.09	5.11	W	--
Pacific Noncontiguous	4.71	4.60	2.4%	4.71	4.60	--	--
Alaska	4.71	4.60	2.4%	4.71	4.60	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	7.28	4.46	63.0%	6.20	4.37	8.50	4.56

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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, January 2014

	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	240	0.96	10.0	43	0.09	20.0	0	--	--
Connecticut	0	--	--	43	0.09	20.0	0	--	--
Maine	16	0.82	7.9	0	--	--	0	--	--
Massachusetts	190	0.67	10.6	0	--	--	0	--	--
New Hampshire	34	2.47	7.8	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	2,647	2.97	10.1	133	0.24	4.7	0	--	--
New Jersey	93	1.74	9.4	0	--	--	0	--	--
New York	102	2.25	10.2	132	0.24	4.7	0	--	--
Pennsylvania	2,452	3.04	10.1	1	0.35	5.9	0	--	--
East North Central	6,527	3.00	10.0	7,896	0.23	4.8	0	--	--
Illinois	802	3.63	18.6	4,630	0.21	4.6	0	--	--
Indiana	2,607	2.74	8.9	263	0.30	5.2	0	--	--
Michigan	145	1.51	8.2	1,362	0.26	5.1	0	--	--
Ohio	2,881	3.19	9.2	117	0.31	5.3	0	--	--
Wisconsin	92	2.37	7.7	1,525	0.27	5.1	0	--	--
West North Central	76	3.47	9.9	9,531	0.28	5.1	2,277	0.77	9.7
Iowa	33	3.50	8.0	1,592	0.27	4.9	0	--	--
Kansas	16	3.82	16.3	1,764	0.35	5.0	0	--	--
Minnesota	0	--	--	1,087	0.35	5.7	0	--	--
Missouri	26	3.21	8.5	3,647	0.23	4.9	0	--	--
Nebraska	0	--	--	1,290	0.28	5.1	0	--	--
North Dakota	0	--	--	0	--	--	2,277	0.77	9.7
South Dakota	0	--	--	151	0.45	6.7	0	--	--
South Atlantic	7,148	2.24	10.6	945	0.24	4.6	0	--	--
Delaware	47	2.24	8.0	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,505	2.33	8.8	77	0.26	5.4	0	--	--
Georgia	244	1.02	9.7	822	0.24	4.5	0	--	--
Maryland	630	2.11	9.9	46	0.22	4.6	0	--	--
North Carolina	872	1.97	8.9	0	--	--	0	--	--
South Carolina	695	1.51	8.6	0	--	--	0	--	--
Virginia	843	0.96	16.4	0	--	--	0	--	--
West Virginia	2,313	3.08	11.5	0	--	--	0	--	--
East South Central	4,591	2.35	9.3	1,914	0.27	5.2	274	0.44	14.3
Alabama	928	1.46	9.2	942	0.26	5.3	0	--	--
Kentucky	2,716	2.74	9.5	146	0.26	5.0	0	--	--
Mississippi	148	2.25	9.8	0	--	--	274	0.44	14.3
Tennessee	799	2.09	8.6	826	0.28	5.2	0	--	--
West South Central	77	2.35	15.8	9,003	0.28	5.1	4,147	1.01	17.1
Arkansas	0	--	--	1,701	0.27	5.0	0	--	--
Louisiana	40	3.21	7.7	826	0.30	5.0	31	0.75	15.7
Oklahoma	38	1.39	24.8	1,823	0.24	4.9	0	--	--
Texas	0	--	--	4,653	0.29	5.2	4,116	1.01	17.1
Mountain	2,513	0.58	14.1	6,481	0.51	8.5	0	--	--
Arizona	666	0.54	10.8	1,428	0.63	10.4	0	--	--
Colorado	371	0.49	10.6	1,323	0.30	5.5	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	735	0.65	9.3	0	--	--
Nevada	59	0.35	7.7	210	0.39	7.5	0	--	--
New Mexico	519	0.86	26.1	319	0.77	21.1	0	--	--
Utah	898	0.52	12.7	50	1.04	9.1	0	--	--
Wyoming	0	--	--	2,416	0.47	7.1	0	--	--
Pacific Contiguous	55	0.44	10.6	846	0.40	8.6	0	--	--
California	55	0.44	10.6	0	--	--	0	--	--
Oregon	0	--	--	166	0.45	5.8	0	--	--
Washington	0	--	--	680	0.39	9.2	0	--	--
Pacific Noncontiguous	62	1.16	4.7	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	62	1.16	4.7	0	--	--	0	--	--
U.S. Total	23,936	2.38	10.4	36,793	0.31	5.7	6,698	0.91	14.5

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.
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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, January 2014

	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	34	2.47	7.8	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	--	--	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	34	2.47	7.8	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	0	--	--	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	0	--	--	0	--	--	0	--	--
East North Central	5,230	2.95	8.9	3,370	0.26	5.1	0	--	--
Illinois	193	3.56	10.8	256	0.20	4.8	0	--	--
Indiana	2,400	2.69	8.7	263	0.30	5.2	0	--	--
Michigan	101	1.75	8.1	1,357	0.26	5.1	0	--	--
Ohio	2,453	3.23	9.1	0	--	--	0	--	--
Wisconsin	83	2.33	7.7	1,494	0.27	5.1	0	--	--
West North Central	29	3.55	12.6	9,436	0.28	5.1	2,277	0.77	9.7
Iowa	0	--	--	1,498	0.28	4.9	0	--	--
Kansas	16	3.82	16.3	1,764	0.35	5.0	0	--	--
Minnesota	0	--	--	1,087	0.35	5.7	0	--	--
Missouri	13	3.22	7.8	3,647	0.23	4.9	0	--	--
Nebraska	0	--	--	1,290	0.28	5.1	0	--	--
North Dakota	0	--	--	0	--	--	2,277	0.77	9.7
South Dakota	0	--	--	151	0.45	6.7	0	--	--
South Atlantic	5,255	2.02	10.6	899	0.25	4.6	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,492	2.34	8.8	77	0.26	5.4	0	--	--
Georgia	213	1.02	10.1	822	0.24	4.5	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	872	1.97	8.9	0	--	--	0	--	--
South Carolina	683	1.53	8.6	0	--	--	0	--	--
Virginia	759	0.93	17.2	0	--	--	0	--	--
West Virginia	1,236	2.74	11.6	0	--	--	0	--	--
East South Central	4,451	2.40	9.3	1,914	0.27	5.2	0	--	--
Alabama	928	1.46	9.2	942	0.26	5.3	0	--	--
Kentucky	2,716	2.74	9.5	146	0.26	5.0	0	--	--
Mississippi	148	2.25	9.8	0	--	--	0	--	--
Tennessee	659	2.37	8.5	826	0.28	5.2	0	--	--
West South Central	40	3.21	7.7	5,995	0.26	5.0	677	1.18	18.6
Arkansas	0	--	--	1,505	0.28	5.0	0	--	--
Louisiana	40	3.21	7.7	291	0.31	5.5	31	0.75	15.7
Oklahoma	0	--	--	1,768	0.24	4.9	0	--	--
Texas	0	--	--	2,431	0.27	5.1	646	1.20	18.8
Mountain	2,513	0.58	14.1	5,670	0.49	8.4	0	--	--
Arizona	666	0.54	10.8	1,428	0.63	10.4	0	--	--
Colorado	371	0.49	10.6	1,323	0.30	5.5	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	59	0.35	7.7	134	0.43	8.8	0	--	--
New Mexico	519	0.86	26.1	319	0.77	21.1	0	--	--
Utah	898	0.52	12.7	50	1.04	9.1	0	--	--
Wyoming	0	--	--	2,416	0.47	7.1	0	--	--
Pacific Contiguous	0	--	--	166	0.45	5.8	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	166	0.45	5.8	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	17,553	2.21	10.2	27,450	0.32	5.8	2,954	0.86	11.7

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.
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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, January 2014

	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	200	0.68	10.5	43	0.09	20.0	0	--	--
Connecticut	0	--	--	43	0.09	20.0	0	--	--
Maine	9	0.82	7.9	0	--	--	0	--	--
Massachusetts	190	0.67	10.6	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	2,609	2.99	10.1	133	0.24	4.7	0	--	--
New Jersey	93	1.74	9.4	0	--	--	0	--	--
New York	78	2.58	9.6	132	0.24	4.7	0	--	--
Pennsylvania	2,439	3.05	10.1	1	0.35	5.9	0	--	--
East North Central	1,147	3.24	15.2	4,433	0.21	4.6	0	--	--
Illinois	508	3.70	24.6	4,312	0.20	4.6	0	--	--
Indiana	207	3.29	10.7	0	--	--	0	--	--
Michigan	28	0.82	8.1	4	0.22	4.8	0	--	--
Ohio	403	2.97	9.4	117	0.31	5.3	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	1,747	2.91	10.6	46	0.22	4.6	0	--	--
Delaware	47	2.24	8.0	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	13	1.04	11.3	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	592	2.09	9.4	46	0.22	4.6	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	53	0.77	10.6	0	--	--	0	--	--
West Virginia	1,043	3.55	11.4	0	--	--	0	--	--
East South Central	0	--	--	0	--	--	274	0.44	14.3
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	274	0.44	14.3
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	38	1.39	24.8	3,008	0.31	5.1	3,470	0.97	16.8
Arkansas	0	--	--	196	0.26	5.1	0	--	--
Louisiana	0	--	--	535	0.29	4.7	0	--	--
Oklahoma	38	1.39	24.8	55	0.22	4.9	0	--	--
Texas	0	--	--	2,221	0.32	5.2	3,470	0.97	16.8
Mountain	0	--	--	811	0.61	8.9	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	735	0.65	9.3	0	--	--
Nevada	0	--	--	76	0.31	5.1	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	0	--	--	680	0.39	9.2	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	680	0.39	9.2	0	--	--
Pacific Noncontiguous	62	1.16	4.7	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	62	1.16	4.7	0	--	--	0	--	--
U.S. Total	5,803	2.91	11.2	9,155	0.29	5.6	3,744	0.94	16.7

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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, January 2014

	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	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	4	2.58	8.4	0	--	--	0	--	--
Illinois	0	--	--	0	--	--	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	4	2.58	8.4	0	--	--	0	--	--
Ohio	0	--	--	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	13	3.21	9.0	0	--	--	0	--	--
Iowa	0	--	--	0	--	--	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	13	3.21	9.0	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	18	3.06	8.9	0	--	--	0	--	--

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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, January 2014

	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	6	0.82	7.9	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	6	0.82	7.9	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	38	1.56	11.8	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	24	1.23	12.1	0	--	--	0	--	--
Pennsylvania	14	2.11	11.3	0	--	--	0	--	--
East North Central	146	3.24	8.9	92	0.37	5.4	0	--	--
Illinois	101	3.51	8.2	62	0.41	5.5	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	11	0.59	9.0	0	--	--	0	--	--
Ohio	26	3.59	11.8	0	--	--	0	--	--
Wisconsin	9	2.75	8.0	31	0.28	5.2	0	--	--
West North Central	33	3.50	8.0	95	0.22	4.4	0	--	--
Iowa	33	3.50	8.0	95	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	146	1.54	11.8	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	31	1.01	7.5	0	--	--	0	--	--
Maryland	39	2.45	19.5	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	12	0.73	8.5	0	--	--	0	--	--
Virginia	30	1.91	7.7	0	--	--	0	--	--
West Virginia	33	1.04	12.8	0	--	--	0	--	--
East South Central	139	0.94	9.0	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	139	0.94	9.0	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	55	0.44	10.6	0	--	--	0	--	--
California	55	0.44	10.6	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	563	1.77	10.0	187	0.29	4.9	0	--	--

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

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values for 2013 and 2014 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, 2004 - January 2014 (Million Kilowatthours)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2004	1,291,982	1,230,425	1,017,850	7,224	3,547,479
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	1,379,981	1,335,981	1,009,300	7,700	3,732,962
2009	1,364,474	1,307,168	917,442	7,781	3,596,865
2010	1,445,708	1,330,199	970,873	7,712	3,754,493
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	1,391,090	1,338,448	954,725	7,525	3,691,789
2012					
January	125,881	105,239	79,205	650	310,975
February	107,975	100,080	78,298	629	286,983
March	99,362	102,474	81,298	597	283,731
April	88,103	101,037	81,030	590	270,760
May	100,895	110,800	84,678	595	296,968
June	122,934	118,009	83,619	597	325,160
July	154,579	128,535	87,219	629	370,963
August	147,941	128,106	88,105	633	364,785
Sept	118,831	116,585	82,060	613	318,090
October	96,669	110,471	82,996	599	290,735
November	97,155	101,641	78,847	569	278,212
December	114,188	104,122	78,360	619	297,288
2013					
January	131,354	107,400	78,141	656	317,551
February	112,857	100,722	74,453	649	288,681
March	111,784	103,839	78,097	633	294,352
April	95,297	101,385	77,633	623	274,937
May	94,978	108,883	82,086	619	286,566
June	117,708	117,670	81,411	629	317,418
July	143,438	127,735	83,703	637	355,513
August	137,734	127,369	84,701	634	350,437
Sept	121,114	118,977	80,298	631	321,020
October	98,656	112,171	80,463	589	291,879
November	97,812	103,449	77,536	562	279,359
December	128,357	108,849	76,205	665	314,076
2014					
January	146,435	114,230	77,616	724	339,006
Year to Date					
2012	125,881	105,239	79,205	650	310,975
2013	131,354	107,400	78,141	656	317,551
2014	146,435	114,230	77,616	724	339,006
Rolling 12 Months Ending in January					
2013	1,379,987	1,329,261	984,651	7,326	3,701,225
2014	1,406,171	1,345,279	954,200	7,594	3,713,243

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 2012 and prior years are final. Values for 2014 and 2013 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, 2004 - January 2014 (Million Dollars)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2004	115,577	100,546	53,477	519	270,119
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	155,433	138,469	68,920	827	363,650
2009	157,008	132,940	62,504	828	353,280
2010	166,782	135,559	65,750	815	368,906
2011	166,714	135,926	67,606	803	371,049
2012	163,280	133,898	65,761	747	363,687
2013	168,546	137,778	65,111	773	372,208
2012					
January	14,360	10,352	5,102	64	29,878
February	12,424	9,944	5,052	60	27,479
March	11,621	10,086	5,250	59	27,015
April	10,504	9,919	5,168	60	25,650
May	12,011	11,039	5,528	59	28,637
June	14,863	12,259	5,765	62	32,949
July	18,553	13,354	6,219	67	38,193
August	18,009	13,313	6,239	67	37,629
Sept	14,614	12,238	5,716	66	32,634
October	11,633	11,131	5,491	61	28,316
November	11,418	10,052	5,122	59	26,651
December	13,271	10,212	5,110	64	28,656
2013					
January	15,068	10,515	5,040	67	30,690
February	13,122	10,141	4,923	66	28,253
March	12,972	10,406	5,149	62	28,589
April	11,368	10,100	5,069	62	26,598
May	11,796	11,171	5,497	63	28,527
June	14,758	12,592	5,806	65	33,221
July	18,094	13,747	6,123	67	38,032
August	17,230	13,659	6,144	66	37,098
Sept	15,125	12,564	5,734	67	33,490
October	12,142	11,553	5,468	61	29,223
November	11,827	10,470	5,111	58	27,466
December	15,045	10,861	5,048	68	31,022
2014					
January	17,060	11,808	5,403	75	34,346
Year to Date					
2012	14,360	10,352	5,102	64	29,878
2013	15,068	10,515	5,040	67	30,690
2014	17,060	11,808	5,403	75	34,346
Rolling 12 Months Ending in January					
2013	163,988	134,061	65,699	751	364,499
2014	170,538	139,070	65,474	781	375,864

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 2012 and prior years are final. Values for 2014 and 2013 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, 2004 - January 2014 (Cents per Kilowatthour)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2004	8.95	8.17	5.25	7.18	7.61
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	10.36	6.83	10.74	9.74
2009	11.51	10.17	6.81	10.65	9.82
2010	11.54	10.19	6.77	10.57	9.83
2011	11.72	10.23	6.82	10.46	9.90
2012	11.88	10.09	6.67	10.21	9.84
2013	12.12	10.29	6.82	10.28	10.08
2012					
January	11.41	9.84	6.44	9.78	9.61
February	11.51	9.94	6.45	9.61	9.58
March	11.70	9.84	6.46	9.95	9.52
April	11.92	9.82	6.38	10.11	9.47
May	11.90	9.96	6.53	9.97	9.64
June	12.09	10.39	6.89	10.33	10.13
July	12.00	10.39	7.13	10.70	10.30
August	12.17	10.39	7.08	10.53	10.32
Sept	12.30	10.50	6.97	10.74	10.26
October	12.03	10.08	6.62	10.13	9.74
November	11.75	9.89	6.50	10.41	9.58
December	11.62	9.81	6.52	10.28	9.64
2013					
January	11.47	9.79	6.45	10.24	9.66
February	11.63	10.07	6.61	10.23	9.79
March	11.60	10.02	6.59	9.83	9.71
April	11.93	9.96	6.53	9.95	9.67
May	12.42	10.26	6.70	10.16	9.95
June	12.54	10.70	7.13	10.39	10.47
July	12.61	10.76	7.32	10.57	10.70
August	12.51	10.72	7.25	10.38	10.59
Sept	12.49	10.56	7.14	10.60	10.43
October	12.31	10.30	6.80	10.41	10.01
November	12.09	10.12	6.59	10.40	9.83
December	11.72	9.98	6.62	10.17	9.88
2014					
January	11.65	10.34	6.96	10.29	10.13
Year to Date					
2012	11.41	9.84	6.44	9.78	9.61
2013	11.47	9.79	6.45	10.24	9.66
2014	11.65	10.34	6.96	10.29	10.13
Rolling 12 Months Ending in January					
2013	11.88	10.09	6.67	10.25	9.85
2014	12.13	10.34	6.86	10.28	10.12

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 2012 and prior years are final. Values for 2014 and 2013 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, January 2014 and 2013 (Million Kilowatthours)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	5,068	4,636	4,820	3,772	1,467	2,208	58	56	11,413	10,671
Connecticut	1,372	1,258	1,133	1,085	267	261	18	19	2,791	2,623
Maine	510	460	352	343	258	238	0	0	1,120	1,042
Massachusetts	2,166	1,954	2,435	1,491	589	1,353	37	34	5,228	4,833
New Hampshire	481	442	396	379	159	155	0	0	1,036	975
Rhode Island	308	302	326	305	66	74	3	2	703	684
Vermont	230	219	178	168	128	126	0	0	536	513
Middle Atlantic	13,717	12,442	13,523	12,956	6,233	5,642	382	341	33,854	31,382
New Jersey	2,667	2,488	3,225	3,007	629	670	28	23	6,549	6,189
New York	4,851	4,458	6,400	6,261	1,406	1,134	278	241	12,934	12,094
Pennsylvania	6,199	5,496	3,898	3,689	4,198	3,838	77	77	14,371	13,099
East North Central	20,763	18,322	16,240	15,316	16,044	16,174	70	59	53,117	49,871
Illinois	4,784	4,301	4,644	4,265	3,671	3,716	62	52	13,161	12,334
Indiana	4,016	3,392	2,118	2,060	3,773	3,847	2	2	9,909	9,302
Michigan	3,534	3,343	3,229	3,155	2,505	2,395	1	0	9,269	8,893
Ohio	6,050	5,099	4,187	3,871	4,137	4,316	5	5	14,379	13,291
Wisconsin	2,378	2,186	2,062	1,965	1,959	1,899	0	0	6,399	6,050
West North Central	11,942	10,744	8,941	8,396	7,103	7,024	5	5	27,991	26,169
Iowa	1,660	1,510	1,120	1,043	1,584	1,551	0	0	4,364	4,103
Kansas	1,398	1,244	1,305	1,224	887	832	0	0	3,590	3,301
Minnesota	2,447	2,297	1,985	1,909	1,813	1,813	2	2	6,248	6,021
Missouri	4,092	3,524	2,705	2,541	1,302	1,381	3	3	8,102	7,449
Nebraska	1,125	1,055	817	771	825	791	0	0	2,767	2,616
North Dakota	657	597	567	501	481	451	0	0	1,705	1,549
South Dakota	562	517	442	408	211	205	0	0	1,215	1,129
South Atlantic	37,010	30,879	25,864	24,078	11,331	11,021	122	116	74,327	66,095
Delaware	517	490	371	366	170	221	0	0	1,058	1,078
District of Columbia	219	168	737	605	20	19	29	25	1,005	817
Florida	9,357	8,380	7,110	6,895	1,362	1,313	8	7	17,837	16,596
Georgia	6,225	4,753	4,000	3,658	2,587	2,487	15	14	12,827	10,914
Maryland	3,265	2,771	2,658	2,592	299	331	51	50	6,273	5,745
North Carolina	6,741	5,685	4,093	3,743	2,014	1,966	1	1	12,848	11,394
South Carolina	3,389	2,709	1,910	1,634	2,353	2,315	0	0	7,652	6,658
Virginia	5,591	4,651	4,206	3,934	1,488	1,300	18	19	11,303	9,904
West Virginia	1,706	1,270	779	650	1,038	1,069	0	0	3,524	2,989
East South Central	13,866	11,273	7,657	7,066	8,471	9,729	0	0	29,995	28,068
Alabama	3,778	2,838	1,978	1,742	2,802	2,753	0	0	8,558	7,333
Kentucky	3,294	2,723	1,736	1,557	2,556	3,759	0	0	7,586	8,039
Mississippi	2,003	1,690	1,095	1,039	1,364	1,338	0	0	4,462	4,067
Tennessee	4,791	4,021	2,849	2,729	1,749	1,879	0	0	9,389	8,630
West South Central	21,144	18,597	15,573	14,451	13,124	12,571	16	6	49,856	45,625
Arkansas	2,040	1,764	969	903	1,335	1,292	NM	NM	4,344	3,958
Louisiana	3,120	2,662	1,987	1,874	2,540	2,586	1	1	7,648	7,122
Oklahoma	2,390	2,113	1,513	1,437	1,327	1,313	0	0	5,230	4,863
Texas	13,594	12,059	11,104	10,237	7,921	7,380	14	5	32,634	29,681
Mountain	8,245	8,961	7,444	7,389	6,593	6,494	12	11	22,294	22,854
Arizona	2,290	2,686	2,181	2,157	1,067	1,016	0	0	5,538	5,859
Colorado	1,705	1,718	1,626	1,603	1,243	1,220	6	5	4,581	4,546
Idaho	977	1,054	561	549	558	601	0	0	2,096	2,204
Montana	580	558	448	426	335	354	0	0	1,363	1,338
Nevada	919	1,031	674	671	1,030	1,042	1	1	2,624	2,745
New Mexico	644	669	694	710	613	587	0	0	1,952	1,965
Utah	804	903	919	889	840	869	5	5	2,569	2,667
Wyoming	325	343	340	383	907	804	0	0	1,572	1,530
Pacific Contiguous	14,228	15,033	13,661	13,463	6,841	6,867	61	61	34,791	35,423
California	7,763	8,510	9,632	9,411	3,583	3,604	58	58	21,036	21,584
Oregon	2,182	2,294	1,385	1,399	932	956	2	2	4,502	4,652
Washington	4,283	4,228	2,644	2,652	2,325	2,307	1	0	9,253	9,187
Pacific Noncontiguous	453	468	506	512	409	413	0	0	1,368	1,392
Alaska	234	235	255	258	120	120	0	0	609	613
Hawaii	220	233	251	254	289	293	0	0	760	779
U.S. Total	146,435	131,354	114,230	107,400	77,616	78,141	724	656	339,006	317,551

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 January 2014 and 2013 (Million Kilowatthours)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	5,068	4,636	4,820	3,772	1,467	2,208	58	56	11,413	10,671
Connecticut	1,372	1,258	1,133	1,085	267	261	18	19	2,791	2,623
Maine	510	460	352	343	258	238	0	0	1,120	1,042
Massachusetts	2,166	1,954	2,435	1,491	589	1,353	37	34	5,228	4,833
New Hampshire	481	442	396	379	159	155	0	0	1,036	975
Rhode Island	308	302	326	305	66	74	3	2	703	684
Vermont	230	219	178	168	128	126	0	0	536	513
Middle Atlantic	13,717	12,442	13,523	12,956	6,233	5,642	382	341	33,854	31,382
New Jersey	2,667	2,488	3,225	3,007	629	670	28	23	6,549	6,189
New York	4,851	4,458	6,400	6,261	1,406	1,134	278	241	12,934	12,094
Pennsylvania	6,199	5,496	3,898	3,689	4,198	3,838	77	77	14,371	13,099
East North Central	20,763	18,322	16,240	15,316	16,044	16,174	70	59	53,117	49,871
Illinois	4,784	4,301	4,644	4,265	3,671	3,716	62	52	13,161	12,334
Indiana	4,016	3,392	2,118	2,060	3,773	3,847	2	2	9,909	9,302
Michigan	3,534	3,343	3,229	3,155	2,505	2,395	1	0	9,269	8,893
Ohio	6,050	5,099	4,187	3,871	4,137	4,316	5	5	14,379	13,291
Wisconsin	2,378	2,186	2,062	1,965	1,959	1,899	0	0	6,399	6,050
West North Central	11,942	10,744	8,941	8,396	7,103	7,024	5	5	27,991	26,169
Iowa	1,660	1,510	1,120	1,043	1,584	1,551	0	0	4,364	4,103
Kansas	1,398	1,244	1,305	1,224	887	832	0	0	3,590	3,301
Minnesota	2,447	2,297	1,985	1,909	1,813	1,813	2	2	6,248	6,021
Missouri	4,092	3,524	2,705	2,541	1,302	1,381	3	3	8,102	7,449
Nebraska	1,125	1,055	817	771	825	791	0	0	2,767	2,616
North Dakota	657	597	567	501	481	451	0	0	1,705	1,549
South Dakota	562	517	442	408	211	205	0	0	1,215	1,129
South Atlantic	37,010	30,879	25,864	24,078	11,331	11,021	122	116	74,327	66,095
Delaware	517	490	371	366	170	221	0	0	1,058	1,078
District of Columbia	219	168	737	605	20	19	29	25	1,005	817
Florida	9,357	8,380	7,110	6,895	1,362	1,313	8	7	17,837	16,596
Georgia	6,225	4,753	4,000	3,658	2,587	2,487	15	14	12,827	10,914
Maryland	3,265	2,771	2,658	2,592	299	331	51	50	6,273	5,745
North Carolina	6,741	5,685	4,093	3,743	2,014	1,966	1	1	12,848	11,394
South Carolina	3,389	2,709	1,910	1,634	2,353	2,315	0	0	7,652	6,658
Virginia	5,591	4,651	4,206	3,934	1,488	1,300	18	19	11,303	9,904
West Virginia	1,706	1,270	779	650	1,038	1,069	0	0	3,524	2,989
East South Central	13,866	11,273	7,657	7,066	8,471	9,729	0	0	29,995	28,068
Alabama	3,778	2,838	1,978	1,742	2,802	2,753	0	0	8,558	7,333
Kentucky	3,294	2,723	1,736	1,557	2,556	3,759	0	0	7,586	8,039
Mississippi	2,003	1,690	1,095	1,039	1,364	1,338	0	0	4,462	4,067
Tennessee	4,791	4,021	2,849	2,729	1,749	1,879	0	0	9,389	8,630
West South Central	21,144	18,597	15,573	14,451	13,124	12,571	16	6	49,856	45,625
Arkansas	2,040	1,764	969	903	1,335	1,292	NM	NM	4,344	3,958
Louisiana	3,120	2,662	1,987	1,874	2,540	2,586	1	1	7,648	7,122
Oklahoma	2,390	2,113	1,513	1,437	1,327	1,313	0	0	5,230	4,863
Texas	13,594	12,059	11,104	10,237	7,921	7,380	14	5	32,634	29,681
Mountain	8,245	8,961	7,444	7,389	6,593	6,494	12	11	22,294	22,854
Arizona	2,290	2,686	2,181	2,157	1,067	1,016	0	0	5,538	5,859
Colorado	1,705	1,718	1,626	1,603	1,243	1,220	6	5	4,581	4,546
Idaho	977	1,054	561	549	558	601	0	0	2,096	2,204
Montana	580	558	448	426	335	354	0	0	1,363	1,338
Nevada	919	1,031	674	671	1,030	1,042	1	1	2,624	2,745
New Mexico	644	669	694	710	613	587	0	0	1,952	1,965
Utah	804	903	919	889	840	869	5	5	2,569	2,667
Wyoming	325	343	340	383	907	804	0	0	1,572	1,530
Pacific Contiguous	14,228	15,033	13,661	13,463	6,841	6,867	61	61	34,791	35,423
California	7,763	8,510	9,632	9,411	3,583	3,604	58	58	21,036	21,584
Oregon	2,182	2,294	1,385	1,399	932	956	2	2	4,502	4,652
Washington	4,283	4,228	2,644	2,652	2,325	2,307	1	0	9,253	9,187
Pacific Noncontiguous	453	468	506	512	409	413	0	0	1,368	1,392
Alaska	234	235	255	258	120	120	0	0	609	613
Hawaii	220	233	251	254	289	293	0	0	760	779
U.S. Total	146,435	131,354	114,230	107,400	77,616	78,141	724	656	339,006	317,551

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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, January 2014 and 2013 (Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	860	712	701	522	186	263	6	4	1,753	1,501
Connecticut	251	214	179	158	36	34	3	2	469	408
Maine	74	67	50	42	30	21	0	0	154	130
Massachusetts	355	279	335	208	77	168	NM	2	769	657
New Hampshire	80	71	61	52	20	19	0	0	160	141
Rhode Island	62	45	51	39	9	9	0	0	122	92
Vermont	39	36	25	24	13	13	0	0	78	73
Middle Atlantic	2,144	1,864	1,888	1,635	550	412	46	43	4,628	3,954
New Jersey	407	381	447	364	95	67	3	2	952	814
New York	947	804	1,048	926	104	74	36	35	2,135	1,839
Pennsylvania	790	679	393	344	352	272	7	6	1,541	1,302
East North Central	2,341	2,079	1,529	1,405	1,108	1,024	4	3	4,982	4,512
Illinois	467	436	386	323	232	203	3	3	1,088	965
Indiana	408	339	200	191	260	246	0	0	868	776
Michigan	490	457	340	330	195	180	0	0	1,024	966
Ohio	664	561	390	357	278	257	0	0	1,333	1,175
Wisconsin	312	287	213	205	143	138	0	0	668	630
West North Central	1,165	1,042	748	684	452	431	0	0	2,366	2,158
Iowa	166	153	90	82	87	84	0	0	342	320
Kansas	153	132	122	111	63	57	0	0	338	300
Minnesota	277	256	182	168	126	122	0	0	586	546
Missouri	363	315	207	192	73	74	0	0	643	581
Nebraska	101	92	67	61	55	51	0	0	223	204
North Dakota	51	46	44	37	34	30	0	0	130	113
South Dakota	53	48	36	32	15	14	0	0	104	94
South Atlantic	4,110	3,341	2,512	2,216	790	688	12	10	7,423	6,255
Delaware	65	63	41	37	18	18	0	0	123	118
District of Columbia	28	20	98	72	1	1	3	2	129	96
Florida	1,102	949	691	659	107	100	1	1	1,901	1,708
Georgia	676	487	432	347	183	140	1	1	1,292	974
Maryland	429	346	306	267	34	27	5	4	775	645
North Carolina	695	579	353	315	128	119	0	0	1,175	1,014
South Carolina	398	313	194	155	155	128	0	0	747	597
Virginia	564	465	338	310	101	88	1	2	1,005	864
West Virginia	154	119	60	53	62	65	0	0	276	238
East South Central	1,392	1,132	770	696	533	550	0	0	2,695	2,377
Alabama	406	308	213	181	174	154	0	0	792	643
Kentucky	310	252	154	135	157	192	0	0	621	579
Mississippi	210	169	118	100	91	82	0	0	419	351
Tennessee	467	403	285	279	112	122	0	0	864	804
West South Central	2,155	1,872	1,240	1,162	741	694	1	1	4,138	3,728
Arkansas	169	154	72	71	74	73	NM	NM	315	298
Louisiana	265	236	172	166	137	148	0	0	574	549
Oklahoma	199	169	113	97	69	61	0	0	381	328
Texas	1,522	1,313	884	828	461	412	1	1	2,867	2,554
Mountain	889	920	671	637	403	373	1	1	1,964	1,931
Arizona	250	275	203	195	65	61	0	0	518	532
Colorado	195	190	154	146	87	83	1	0	437	419
Idaho	87	91	41	37	30	29	0	0	158	157
Montana	57	55	42	39	19	18	0	0	118	112
Nevada	114	116	65	57	61	53	0	0	240	226
New Mexico	73	73	67	64	37	34	0	0	177	171
Utah	80	87	71	67	47	46	1	1	199	201
Wyoming	32	33	29	31	57	50	0	0	118	113
Pacific Contiguous	1,880	1,977	1,618	1,431	533	493	5	4	4,036	3,906
California	1,292	1,396	1,289	1,111	375	349	4	4	2,961	2,861
Oregon	220	222	120	115	56	52	0	0	396	388
Washington	368	360	209	205	101	93	0	0	678	657
Pacific Noncontiguous	125	128	130	128	107	111	0	0	362	368
Alaska	43	40	42	37	18	19	0	0	103	96
Hawaii	82	88	88	91	89	93	0	0	259	272
U.S. Total	17,060	15,068	11,808	10,515	5,403	5,040	75	67	34,346	30,690

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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 January 2014 and 2013 (Million Dollars)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	860	712	701	522	186	263	6	4	1,753	1,501
Connecticut	251	214	179	158	36	34	3	2	469	408
Maine	74	67	50	42	30	21	0	0	154	130
Massachusetts	355	279	335	208	77	168	NM	2	769	657
New Hampshire	80	71	61	52	20	19	0	0	160	141
Rhode Island	62	45	51	39	9	9	0	0	122	92
Vermont	39	36	25	24	13	13	0	0	78	73
Middle Atlantic	2,144	1,864	1,888	1,635	550	412	46	43	4,628	3,954
New Jersey	407	381	447	364	95	67	3	2	952	814
New York	947	804	1,048	926	104	74	36	35	2,135	1,839
Pennsylvania	790	679	393	344	352	272	7	6	1,541	1,302
East North Central	2,341	2,079	1,529	1,405	1,108	1,024	4	3	4,982	4,512
Illinois	467	436	386	323	232	203	3	3	1,088	965
Indiana	408	339	200	191	260	246	0	0	868	776
Michigan	490	457	340	330	195	180	0	0	1,024	966
Ohio	664	561	390	357	278	257	0	0	1,333	1,175
Wisconsin	312	287	213	205	143	138	0	0	668	630
West North Central	1,165	1,042	748	684	452	431	0	0	2,366	2,158
Iowa	166	153	90	82	87	84	0	0	342	320
Kansas	153	132	122	111	63	57	0	0	338	300
Minnesota	277	256	182	168	126	122	0	0	586	546
Missouri	363	315	207	192	73	74	0	0	643	581
Nebraska	101	92	67	61	55	51	0	0	223	204
North Dakota	51	46	44	37	34	30	0	0	130	113
South Dakota	53	48	36	32	15	14	0	0	104	94
South Atlantic	4,110	3,341	2,512	2,216	790	688	12	10	7,423	6,255
Delaware	65	63	41	37	18	18	0	0	123	118
District of Columbia	28	20	98	72	1	1	3	2	129	96
Florida	1,102	949	691	659	107	100	1	1	1,901	1,708
Georgia	676	487	432	347	183	140	1	1	1,292	974
Maryland	429	346	306	267	34	27	5	4	775	645
North Carolina	695	579	353	315	128	119	0	0	1,175	1,014
South Carolina	398	313	194	155	155	128	0	0	747	597
Virginia	564	465	338	310	101	88	1	2	1,005	864
West Virginia	154	119	60	53	62	65	0	0	276	238
East South Central	1,392	1,132	770	696	533	550	0	0	2,695	2,377
Alabama	406	308	213	181	174	154	0	0	792	643
Kentucky	310	252	154	135	157	192	0	0	621	579
Mississippi	210	169	118	100	91	82	0	0	419	351
Tennessee	467	403	285	279	112	122	0	0	864	804
West South Central	2,155	1,872	1,240	1,162	741	694	1	1	4,138	3,728
Arkansas	169	154	72	71	74	73	NM	NM	315	298
Louisiana	265	236	172	166	137	148	0	0	574	549
Oklahoma	199	169	113	97	69	61	0	0	381	328
Texas	1,522	1,313	884	828	461	412	1	1	2,867	2,554
Mountain	889	920	671	637	403	373	1	1	1,964	1,931
Arizona	250	275	203	195	65	61	0	0	518	532
Colorado	195	190	154	146	87	83	1	0	437	419
Idaho	87	91	41	37	30	29	0	0	158	157
Montana	57	55	42	39	19	18	0	0	118	112
Nevada	114	116	65	57	61	53	0	0	240	226
New Mexico	73	73	67	64	37	34	0	0	177	171
Utah	80	87	71	67	47	46	1	1	199	201
Wyoming	32	33	29	31	57	50	0	0	118	113
Pacific Contiguous	1,880	1,977	1,618	1,431	533	493	5	4	4,036	3,906
California	1,292	1,396	1,289	1,111	375	349	4	4	2,961	2,861
Oregon	220	222	120	115	56	52	0	0	396	388
Washington	368	360	209	205	101	93	0	0	678	657
Pacific Noncontiguous	125	128	130	128	107	111	0	0	362	368
Alaska	43	40	42	37	18	19	0	0	103	96
Hawaii	82	88	88	91	89	93	0	0	259	272
U.S. Total	17,060	15,068	11,808	10,515	5,403	5,040	75	67	34,346	30,690

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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, January 2014 and 2013 (Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	16.98	15.35	14.54	13.83	12.66	11.93	10.78	7.29	15.36	14.07
Connecticut	18.30	17.05	15.79	14.56	13.42	12.85	18.50	9.07	16.82	15.54
Maine	14.45	14.49	14.31	12.15	11.79	8.94	--	--	13.79	12.45
Massachusetts	16.38	14.28	13.77	13.92	12.99	12.44	NM	5.95	14.71	13.59
New Hampshire	16.54	16.01	15.30	13.67	12.79	12.20	--	--	15.49	14.50
Rhode Island	20.16	14.80	15.48	12.65	14.20	11.73	15.92	12.25	17.41	13.50
Vermont	16.94	16.50	14.26	14.31	10.36	10.08	--	--	14.47	14.21
Middle Atlantic	15.63	14.98	13.96	12.62	8.83	7.31	12.00	12.73	13.67	12.60
New Jersey	15.26	15.30	13.87	12.12	15.05	9.95	10.29	10.52	14.53	13.16
New York	19.52	18.04	16.37	14.79	7.41	6.50	13.08	14.36	16.51	15.20
Pennsylvania	12.74	12.35	10.09	9.33	8.37	7.09	8.71	8.27	10.72	9.94
East North Central	11.27	11.35	9.41	9.18	6.91	6.33	5.47	5.66	9.38	9.05
Illinois	9.76	10.13	8.31	7.58	6.32	5.47	5.11	5.41	8.27	7.82
Indiana	10.16	9.98	9.44	9.28	6.88	6.38	9.23	8.93	8.76	8.34
Michigan	13.85	13.65	10.52	10.45	7.79	7.50	13.59	8.77	11.05	10.86
Ohio	10.98	11.01	9.31	9.22	6.73	5.95	7.06	6.53	9.27	8.84
Wisconsin	13.11	13.13	10.34	10.41	7.32	7.29	--	--	10.44	10.42
West North Central	9.75	9.70	8.37	8.15	6.37	6.14	7.76	6.89	8.45	8.25
Iowa	10.00	10.14	8.01	7.89	5.48	5.43	--	--	7.85	7.79
Kansas	10.96	10.63	9.33	9.05	7.11	6.87	--	--	9.42	9.10
Minnesota	11.34	11.15	9.18	8.83	6.93	6.71	9.49	9.13	9.37	9.07
Missouri	8.87	8.93	7.67	7.55	5.59	5.35	6.20	5.45	7.94	7.79
Nebraska	8.98	8.73	8.19	7.94	6.67	6.47	--	--	8.06	7.81
North Dakota	7.79	7.71	7.78	7.42	7.12	6.56	--	--	7.60	7.28
South Dakota	9.44	9.30	8.21	7.90	6.93	6.72	--	--	8.56	8.32
South Atlantic	11.10	10.82	9.71	9.20	6.97	6.24	9.50	8.52	9.99	9.46
Delaware	12.48	12.85	10.93	10.06	10.67	8.36	--	--	11.65	10.98
District of Columbia	12.59	12.06	13.26	11.98	4.42	6.08	9.71	9.67	12.83	11.78
Florida	11.78	11.32	9.72	9.55	7.88	7.64	9.27	8.65	10.66	10.29
Georgia	10.86	10.24	10.80	9.47	7.08	5.64	9.00	7.03	10.07	8.93
Maryland	13.14	12.50	11.52	10.32	11.51	8.16	10.11	8.54	12.35	11.23
North Carolina	10.30	10.19	8.62	8.43	6.34	6.07	8.02	7.81	9.15	8.90
South Carolina	11.76	11.57	10.13	9.51	6.57	5.53	--	--	9.76	8.96
Virginia	10.09	9.99	8.04	7.87	6.79	6.74	8.03	8.09	8.89	8.72
West Virginia	9.01	9.37	7.71	8.20	5.99	6.11	9.92	9.55	7.83	7.95
East South Central	10.04	10.04	10.05	9.85	6.29	5.65	12.89	11.22	8.99	8.47
Alabama	10.74	10.84	10.75	10.41	6.20	5.60	--	--	9.25	8.77
Kentucky	9.42	9.25	8.88	8.70	6.13	5.11	--	--	8.19	7.21
Mississippi	10.48	9.99	10.78	9.62	6.64	6.11	--	--	9.38	8.62
Tennessee	9.74	10.03	10.00	10.23	6.41	6.47	12.89	11.22	9.20	9.32
West South Central	10.19	10.06	7.96	8.04	5.65	5.52	5.37	10.27	8.30	8.17
Arkansas	8.30	8.74	7.40	7.84	5.54	5.62	NM	NM	7.25	7.52
Louisiana	8.50	8.85	8.68	8.85	5.37	5.71	9.41	8.60	7.51	7.71
Oklahoma	8.33	8.01	7.44	6.77	5.23	4.67	--	--	7.29	6.74
Texas	11.19	10.89	7.96	8.09	5.82	5.59	5.08	10.52	8.79	8.60
Mountain	10.78	10.27	9.01	8.62	6.11	5.74	10.20	9.63	8.81	8.45
Arizona	10.92	10.25	9.29	9.05	6.14	6.04	--	--	9.36	9.08
Colorado	11.46	11.06	9.48	9.09	6.99	6.80	10.72	10.26	9.54	9.22
Idaho	8.89	8.68	7.26	6.73	5.40	4.79	--	--	7.52	7.13
Montana	9.88	9.82	9.31	9.23	5.61	5.00	--	--	8.64	8.35
Nevada	12.46	11.24	9.57	8.53	5.91	5.09	8.15	7.47	9.14	8.24
New Mexico	11.30	10.88	9.62	9.06	6.05	5.78	--	--	9.05	8.70
Utah	10.00	9.69	7.75	7.57	5.54	5.24	9.87	9.34	7.73	7.53
Wyoming	9.77	9.51	8.61	8.07	6.30	6.16	--	--	7.52	7.39
Pacific Contiguous	13.21	13.15	11.85	10.63	7.79	7.18	7.66	7.06	11.60	11.03
California	16.64	16.40	13.39	11.81	10.48	9.69	7.62	6.99	14.08	13.25
Oregon	10.08	9.66	8.66	8.22	6.05	5.40	8.46	8.59	8.80	8.35
Washington	8.59	8.50	7.91	7.73	4.35	4.01	8.36	8.14	7.33	7.15
Pacific Noncontiguous	27.51	27.48	25.71	25.04	26.10	26.99	--	--	26.42	26.44
Alaska	18.21	17.18	16.64	14.46	14.74	15.55	--	--	16.87	15.72
Hawaii	37.40	37.86	34.92	35.80	30.82	31.69	--	--	34.08	34.87
U.S. Total	11.65	11.47	10.34	9.79	6.96	6.45	10.29	10.24	10.13	9.66

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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 January 2014 and 2013 (Cents per Kilowatthour)

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD	January 2014 YTD	January 2013 YTD
New England	16.98	15.35	14.54	13.83	12.66	11.93	10.78	7.29	15.36	14.07
Connecticut	18.30	17.05	15.79	14.56	13.42	12.85	18.50	9.07	16.82	15.54
Maine	14.45	14.49	14.31	12.15	11.79	8.94	--	--	13.79	12.45
Massachusetts	16.38	14.28	13.77	13.92	12.99	12.44	NM	5.95	14.71	13.59
New Hampshire	16.54	16.01	15.30	13.67	12.79	12.20	--	--	15.49	14.50
Rhode Island	20.16	14.80	15.48	12.65	14.20	11.73	15.92	12.25	17.41	13.50
Vermont	16.94	16.50	14.26	14.31	10.36	10.08	--	--	14.47	14.21
Middle Atlantic	15.63	14.98	13.96	12.62	8.83	7.31	12.00	12.73	13.67	12.60
New Jersey	15.26	15.30	13.87	12.12	15.05	9.95	10.29	10.52	14.53	13.16
New York	19.52	18.04	16.37	14.79	7.41	6.50	13.08	14.36	16.51	15.20
Pennsylvania	12.74	12.35	10.09	9.33	8.37	7.09	8.71	8.27	10.72	9.94
East North Central	11.27	11.35	9.41	9.18	6.91	6.33	5.47	5.66	9.38	9.05
Illinois	9.76	10.13	8.31	7.58	6.32	5.47	5.11	5.41	8.27	7.82
Indiana	10.16	9.98	9.44	9.28	6.88	6.38	9.23	8.93	8.76	8.34
Michigan	13.85	13.65	10.52	10.45	7.79	7.50	13.59	8.77	11.05	10.86
Ohio	10.98	11.01	9.31	9.22	6.73	5.95	7.06	6.53	9.27	8.84
Wisconsin	13.11	13.13	10.34	10.41	7.32	7.29	--	--	10.44	10.42
West North Central	9.75	9.70	8.37	8.15	6.37	6.14	7.76	6.89	8.45	8.25
Iowa	10.00	10.14	8.01	7.89	5.48	5.43	--	--	7.85	7.79
Kansas	10.96	10.63	9.33	9.05	7.11	6.87	--	--	9.42	9.10
Minnesota	11.34	11.15	9.18	8.83	6.93	6.71	9.49	9.13	9.37	9.07
Missouri	8.87	8.93	7.67	7.55	5.59	5.35	6.20	5.45	7.94	7.79
Nebraska	8.98	8.73	8.19	7.94	6.67	6.47	--	--	8.06	7.81
North Dakota	7.79	7.71	7.78	7.42	7.12	6.56	--	--	7.60	7.28
South Dakota	9.44	9.30	8.21	7.90	6.93	6.72	--	--	8.56	8.32
South Atlantic	11.10	10.82	9.71	9.20	6.97	6.24	9.50	8.52	9.99	9.46
Delaware	12.48	12.85	10.93	10.06	10.67	8.36	--	--	11.65	10.98
District of Columbia	12.59	12.06	13.26	11.98	4.42	6.08	9.71	9.67	12.83	11.78
Florida	11.78	11.32	9.72	9.55	7.88	7.64	9.27	8.65	10.66	10.29
Georgia	10.86	10.24	10.80	9.47	7.08	5.64	9.00	7.03	10.07	8.93
Maryland	13.14	12.50	11.52	10.32	11.51	8.16	10.11	8.54	12.35	11.23
North Carolina	10.30	10.19	8.62	8.43	6.34	6.07	8.02	7.81	9.15	8.90
South Carolina	11.76	11.57	10.13	9.51	6.57	5.53	--	--	9.76	8.96
Virginia	10.09	9.99	8.04	7.87	6.79	6.74	8.03	8.09	8.89	8.72
West Virginia	9.01	9.37	7.71	8.20	5.99	6.11	9.92	9.55	7.83	7.95
East South Central	10.04	10.04	10.05	9.85	6.29	5.65	12.89	11.22	8.99	8.47
Alabama	10.74	10.84	10.75	10.41	6.20	5.60	--	--	9.25	8.77
Kentucky	9.42	9.25	8.88	8.70	6.13	5.11	--	--	8.19	7.21
Mississippi	10.48	9.99	10.78	9.62	6.64	6.11	--	--	9.38	8.62
Tennessee	9.74	10.03	10.00	10.23	6.41	6.47	12.89	11.22	9.20	9.32
West South Central	10.19	10.06	7.96	8.04	5.65	5.52	5.37	10.27	8.30	8.17
Arkansas	8.30	8.74	7.40	7.84	5.54	5.62	NM	NM	7.25	7.52
Louisiana	8.50	8.85	8.68	8.85	5.37	5.71	9.41	8.60	7.51	7.71
Oklahoma	8.33	8.01	7.44	6.77	5.23	4.67	--	--	7.29	6.74
Texas	11.19	10.89	7.96	8.09	5.82	5.59	5.08	10.52	8.79	8.60
Mountain	10.78	10.27	9.01	8.62	6.11	5.74	10.20	9.63	8.81	8.45
Arizona	10.92	10.25	9.29	9.05	6.14	6.04	--	--	9.36	9.08
Colorado	11.46	11.06	9.48	9.09	6.99	6.80	10.72	10.26	9.54	9.22
Idaho	8.89	8.68	7.26	6.73	5.40	4.79	--	--	7.52	7.13
Montana	9.88	9.82	9.31	9.23	5.61	5.00	--	--	8.64	8.35
Nevada	12.46	11.24	9.57	8.53	5.91	5.09	8.15	7.47	9.14	8.24
New Mexico	11.30	10.88	9.62	9.06	6.05	5.78	--	--	9.05	8.70
Utah	10.00	9.69	7.75	7.57	5.54	5.24	9.87	9.34	7.73	7.53
Wyoming	9.77	9.51	8.61	8.07	6.30	6.16	--	--	7.52	7.39
Pacific Contiguous	13.21	13.15	11.85	10.63	7.79	7.18	7.66	7.06	11.60	11.03
California	16.64	16.40	13.39	11.81	10.48	9.69	7.62	6.99	14.08	13.25
Oregon	10.08	9.66	8.66	8.22	6.05	5.40	8.46	8.59	8.80	8.35
Washington	8.59	8.50	7.91	7.73	4.35	4.01	8.36	8.14	7.33	7.15
Pacific Noncontiguous	27.51	27.48	25.71	25.04	26.10	26.99	--	--	26.42	26.44
Alaska	18.21	17.18	16.64	14.46	14.74	15.55	--	--	16.87	15.72
Hawaii	37.40	37.86	34.92	35.80	30.82	31.69	--	--	34.08	34.87
U.S. Total	11.65	11.47	10.34	9.79	6.96	6.45	10.29	10.24	10.13	9.66

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.
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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, December 2013 to January 2014

	As of End of December 2013	Activity During January 2014 as Reported to EIA		As of End of January 2014	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)	60,368.9	292.2	0.0	60,661.1	292.2	292.2	1,219.3	94.6	4,339.6	0.0	0.0	94.6	4,339.6	60,755.7	65,000.7
..... *Solar Photovoltaic*	*4,978.3*	*338.5*	*0.0*	*5,316.8*	*338.5*	*338.5*	*2,543.7*	*267.7*	*2,355.1*	*0.0*	*0.0*	*267.7*	*2,355.1*	*5,584.5*	*7,671.9*
..... *Solar Thermal without Energy Storage*	*992.0*	*0.0*	*0.0*	*992.0*	*0.0*	*0.0*	*516.0*	*0.0*	*375.0*	*0.0*	*0.0*	*0.0*	*375.0*	*992.0*	*1,367.0*
..... *Solar Thermal with Energy Storage*	*250.0*	*0.0*	*0.0*	*250.0*	*0.0*	*0.0*	*250.0*	*0.0*	*116.2*	*0.0*	*0.0*	*0.0*	*116.2*	*250.0*	*366.2*
..... Solar Subtotal	6,220.3	338.5	0.0	6,558.8	338.5	338.5	3,309.7	267.7	2,846.3	0.0	0.0	267.7	2,846.3	6,826.5	9,405.1
..... Conventional Hydroelectric	79,020.2	18.5	0.0	79,038.7	18.5	18.5	281.1	1.0	401.2	24.0	24.0	-23.0	377.2	79,015.7	79,415.9
..... *Wood/Wood Waste Biomass*	*8,201.3*	*0.0*	*0.0*	*8,201.3*	*0.0*	*0.0*	*678.5*	*0.0*	*67.0*	*0.0*	*0.0*	*0.0*	*67.0*	*8,201.3*	*8,268.3*
..... *Landfill Gas*	*1,971.8*	*6.4*	*0.0*	*1,978.2*	*6.4*	*6.4*	*56.3*	*2.4*	*61.6*	*0.0*	*9.0*	*2.4*	*52.6*	*1,980.6*	*2,030.8*
..... *Municipal Solid Waste*	*2,230.7*	*0.0*	*0.0*	*2,230.7*	*0.0*	*0.0*	*28.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*2,230.7*	*2,230.7*
..... *Other Waste Biomass*	*839.2*	*1.6*	*0.0*	*840.8*	*1.6*	*1.6*	*124.1*	*0.0*	*2.2*	*0.0*	*0.0*	*0.0*	*2.2*	*840.8*	*843.0*
..... Biomass Sources Subtotal	13,243.0	8.0	0.0	13,251.0	8.0	8.0	886.9	2.4	130.8	0.0	9.0	2.4	121.8	13,253.4	13,372.8
..... Geothermal	2,688.6	0.0	0.0	2,688.6	0.0	0.0	106.4	0.0	0.0	0.0	0.0	0.0	0.0	2,688.6	2,688.6
... Renewable Sources Subtotal	***161,541.0***	***657.2***	***0.0***	***162,198.2***	***657.2***	***657.2***	***5,803.4***	***365.7***	***7,717.9***	***24.0***	***33.0***	***341.7***	***7,684.9***	***162,539.9***	***169,883.1***
..... *Natural Gas Fired Combined Cycle*	*224,878.7*	*0.0*	*0.0*	*224,878.7*	*0.0*	*0.0*	*3,562.8*	*0.0*	*5,863.2*	*0.0*	*26.0*	*0.0*	*5,837.2*	*224,878.7*	*230,715.9*
..... *Natural Gas Fired Combustion Turbine*	*124,406.9*	*40.0*	*0.0*	*124,446.9*	*40.0*	*40.0*	*3,227.1*	*48.8*	*240.5*	*0.0*	*131.0*	*48.8*	*109.5*	*124,495.7*	*124,556.4*
..... *Natural Gas with Compressed Air Storage*	*110.0*	*0.0*	*0.0*	*110.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*110.0*	*110.0*
..... *Other Natural Gas*	*77,558.0*	*1.2*	*999.0*	*76,560.2*	*-997.8*	*-997.8*	*-3,109.9*	*0.0*	*987.5*	*0.0*	*241.0*	*0.0*	*746.5*	*76,560.2*	*77,306.7*
..... Natural Gas Subtotal	426,953.6	41.2	999.0	425,995.8	-957.8	-957.8	3,680.0	48.8	7,091.2	0.0	398.0	48.8	6,693.2	426,044.6	432,689.0
..... *Conventional Steam Coal*	*305,213.3*	*0.0*	*295.0*	*304,918.3*	*-295.0*	*-295.0*	*-4,834.0*	*0.0*	*82.1*	*0.0*	*2,617.5*	*0.0*	*-2,535.4*	*304,918.3*	*302,382.9*
..... *Coal Integrated Gasification Combined Cycle*	*790.6*	*0.0*	*0.0*	*790.6*	*0.0*	*0.0*	*570.6*	*0.0*	*521.7*	*0.0*	*0.0*	*0.0*	*521.7*	*790.6*	*1,312.3*
..... Coal Subtotal	306,003.9	0.0	295.0	305,708.9	-295.0	-295.0	-4,263.4	0.0	603.8	0.0	2,617.5	0.0	-2,013.7	305,708.9	303,695.2
..... Petroeum Coke	2,709.3	0.0	0.0	2,709.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,709.3	2,709.3
..... Petroleum Liquids	42,938.8	0.0	100.3	42,838.5	-100.3	-100.3	-1,684.6	0.0	17.8	0.0	441.6	0.0	-423.8	42,838.5	42,414.7
..... Other Gases	1,941.6	0.0	0.0	1,941.6	0.0	0.0	-4.0	0.0	0.0	0.0	43.2	0.0	-43.2	1,941.6	1,898.4
... Fossil Fuels Subtotal	***780,547.2***	***41.2***	***1,394.3***	***779,194.1***	***-1,353.1***	***-1,353.1***	***-2,272.0***	***48.8***	***7,712.8***	***0.0***	***3,500.3***	***48.8***	***4,212.5***	***779,242.9***	***783,406.6***
..... Hydroelectric Pumped Storage	22,368.3	0.0	0.0	22,368.3	0.0	0.0	0.0	0.0	292.0	0.0	0.0	0.0	292.0	22,368.3	22,660.3
..... Flywheels	43.0	0.0	0.0	43.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	43.0
..... Batteries	142.8	20.0	8.0	154.8	12.0	12.0	13.0	4.0	4.0	0.0	0.0	4.0	4.0	158.8	158.8
... Energy Storage Subtotal	***22,554.1***	***20.0***	***8.0***	***22,566.1***	***12.0***	***12.0***	***33.0***	***4.0***	***296.0***	***0.0***	***0.0***	***4.0***	***296.0***	***22,570.1***	***22,862.1***
... Nuclear	***99,105.0***	***0.0***	***148.0***	***98,957.0***	***-148.0***	***-148.0***	***-2,966.0***	***0.0***	***0.0***	***0.0***	***604.3***	***0.0***	***-604.3***	***98,957.0***	***98,352.7***
... All Other	***1,564.1***	***0.0***	***0.0***	***1,564.1***	***0.0***	***0.0***	***0.0***	***1.0***	***21.0***	***0.0***	***0.0***	***1.0***	***21.0***	***1,565.1***	***1,585.1***
TOTAL	**1,065,311.4**	**718.4**	**1,550.3**	**1,064,479.5**	**-831.9**	**-831.9**	**598.4**	**419.5**	**15,747.7**	**24.0**	**4,137.6**	**395.5**	**11,610.1**	**1,064,875.0**	**1,076,089.6**

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.

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.A. Net Summer Capacity of Utility Scale Units by Technology and by State, January 2014 and 2013 (Megawatts)

Census Division and State	Renewable Sources		Fossil Fuels		Hydroelectric Pumped Storage		Other Energy Storage		Nuclear		All Other Sources		All Sources	
	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	4,320.3	4,182.7	24,402.3	24,746.6	1,753.4	1,753.4	3.0	3.0	4,630.3	4,630.3	48.0	48.0	35,157.3	35,364.0
Connecticut	337.2	294.7	6,396.7	6,722.4	29.4	29.4	0.0	0.0	2,102.5	2,102.5	26.0	26.0	8,891.8	9,175.0
Maine	1,696.6	1,704.5	2,764.9	2,764.9	0.0	0.0	0.0	0.0	0.0	0.0	22.0	22.0	4,483.5	4,491.4
Massachusetts	788.8	762.4	11,149.4	11,168.0	1,724.0	1,724.0	3.0	3.0	677.3	677.3	0.0	0.0	14,342.5	14,334.7
New Hampshire	931.9	862.5	2,238.7	2,238.7	0.0	0.0	0.0	0.0	1,246.2	1,246.2	0.0	0.0	4,416.8	4,347.4
Rhode Island	32.8	27.9	1,752.8	1,752.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,785.6	1,780.7
Vermont	533.0	530.7	99.8	99.8	0.0	0.0	0.0	0.0	604.3	604.3	0.0	0.0	1,237.1	1,234.8
Middle Atlantic	9,965.8	9,667.2	69,158.3	71,806.8	3,321.0	3,321.0	40.0	28.0	19,084.4	19,055.4	11.2	11.2	101,580.7	103,889.6
New Jersey	507.8	474.0	13,923.7	13,927.4	400.0	400.0	0.0	0.0	4,114.5	4,114.5	11.2	11.2	18,957.2	18,927.1
New York	6,556.7	6,436.4	25,840.4	26,392.2	1,400.0	1,400.0	20.0	28.0	5,263.3	5,263.3	0.0	0.0	39,080.4	39,519.9
Pennsylvania	2,901.3	2,756.8	29,394.2	31,487.2	1,521.0	1,521.0	20.0	0.0	9,706.6	9,677.6	0.0	0.0	43,543.1	45,442.6
East North Central	9,266.8	8,784.8	123,677.2	123,337.7	1,871.0	1,871.0	20.0	0.0	18,809.2	19,359.2	114.1	114.1	153,758.3	153,466.8
Illinois	3,717.7	3,715.1	29,855.2	29,855.7	0.0	0.0	0.0	0.0	11,541.0	11,541.0	5.0	5.0	45,118.9	45,116.8
Indiana	1,705.6	1,663.9	25,618.7	25,091.6	0.0	0.0	0.0	0.0	0.0	0.0	88.0	88.0	27,412.3	26,843.5
Michigan	1,923.5	1,571.1	23,059.6	22,953.5	1,871.0	1,871.0	0.0	0.0	3,936.2	3,936.2	0.0	0.0	30,790.3	30,331.8
Ohio	762.8	745.0	29,922.8	30,198.3	0.0	0.0	20.0	0.0	2,150.0	2,134.0	0.0	0.0	32,855.6	33,077.3
Wisconsin	1,157.2	1,089.7	15,220.9	15,238.6	0.0	0.0	0.0	0.0	1,182.0	1,748.0	21.1	21.1	17,581.2	18,097.4
West North Central	18,079.7	17,734.4	62,216.6	62,188.6	657.0	657.0	1.0	0.0	5,884.0	5,805.0	23.7	23.7	86,862.0	86,408.7
Iowa	5,167.4	5,167.4	10,157.1	10,251.9	0.0	0.0	0.0	0.0	601.4	601.4	0.0	0.0	15,925.9	16,020.7
Kansas	2,990.9	2,733.2	10,185.1	10,185.1	0.0	0.0	0.0	0.0	1,175.0	1,175.0	0.0	0.0	14,351.0	14,093.3
Minnesota	3,398.9	3,390.9	10,465.6	10,444.8	0.0	0.0	1.0	0.0	1,673.0	1,594.0	18.4	18.4	15,556.9	15,448.1
Missouri	1,038.1	1,038.1	19,115.1	19,133.1	657.0	657.0	0.0	0.0	1,190.0	1,190.0	0.0	0.0	22,000.2	22,018.2
Nebraska	821.2	741.6	6,286.9	6,286.9	0.0	0.0	0.0	0.0	1,244.6	1,244.6	0.0	0.0	8,352.7	8,273.1
North Dakota	2,274.7	2,274.7	4,328.1	4,208.1	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.3	6,608.1	6,488.1
South Dakota	2,388.5	2,388.5	1,678.7	1,678.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,067.2	4,067.2
South Atlantic	12,352.8	11,517.2	161,579.0	162,009.9	7,905.2	7,905.2	32.0	32.0	24,455.0	25,058.0	406.0	406.0	206,730.0	206,928.3
Delaware	38.3	34.3	3,184.0	3,339.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,222.3	3,373.5
District of Columbia	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0
Florida	1,334.9	1,157.6	53,598.8	52,676.8	0.0	0.0	0.0	0.0	3,552.0	4,155.0	352.0	352.0	58,837.7	58,341.4
Georgia	2,832.4	2,699.9	29,478.7	29,869.0	1,862.2	1,862.2	0.0	0.0	4,061.0	4,061.0	0.0	0.0	38,234.3	38,492.1
Maryland	904.9	880.9	9,642.9	9,618.4	0.0	0.0	0.0	0.0	1,716.0	1,716.0	0.0	0.0	12,263.8	12,215.3
North Carolina	2,783.4	2,614.2	22,107.2	22,484.1	86.0	86.0	0.0	0.0	5,056.0	5,056.0	54.0	54.0	30,086.6	30,294.3
South Carolina	1,768.4	1,725.1	11,839.7	12,133.7	2,716.0	2,716.0	0.0	0.0	6,508.0	6,508.0	0.0	0.0	22,832.1	23,082.8
Virginia	1,818.3	1,533.0	16,306.6	16,497.6	3,241.0	3,241.0	0.0	0.0	3,562.0	3,562.0	0.0	0.0	24,927.9	24,833.6
West Virginia	872.2	872.2	15,411.1	15,381.1	0.0	0.0	32.0	32.0	0.0	0.0	0.0	0.0	16,315.3	16,285.3
East South Central	7,943.5	7,935.6	70,955.3	71,252.3	1,616.3	1,616.3	0.0	0.0	9,863.1	9,634.1	1.4	1.4	90,379.6	90,439.7
Alabama	3,948.9	3,948.9	23,333.1	23,555.1	0.0	0.0	0.0	0.0	5,043.4	5,043.4	0.0	0.0	32,325.4	32,547.4
Kentucky	900.7	894.7	20,121.1	20,192.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21,021.8	21,086.8
Mississippi	236.7	236.7	14,050.5	14,054.5	0.0	0.0	0.0	0.0	1,419.0	1,190.0	1.4	1.4	15,707.6	15,482.6
Tennessee	2,857.2	2,855.3	13,450.6	13,450.6	1,616.3	1,616.3	0.0	0.0	3,400.7	3,400.7	0.0	0.0	21,324.8	21,322.9
West South Central	19,883.9	19,687.0	145,637.3	145,580.8	288.0	288.0	37.0	37.0	8,922.0	8,922.0	435.9	435.9	175,204.1	174,950.7
Arkansas	1,666.5	1,666.5	11,858.8	12,832.8	28.0	28.0	0.0	0.0	1,828.0	1,828.0	0.0	0.0	15,381.3	16,355.3
Louisiana	571.5	571.5	22,647.8	22,634.8	0.0	0.0	0.0	0.0	2,134.0	2,134.0	207.6	207.6	25,560.9	25,547.9
Oklahoma	4,070.7	4,064.5	19,160.6	19,160.6	260.0	260.0	0.0	0.0	0.0	0.0	0.0	0.0	23,491.3	23,485.1
Texas	13,575.2	13,384.5	91,970.1	90,952.6	0.0	0.0	37.0	37.0	4,960.0	4,960.0	228.3	228.3	110,770.6	109,562.4
Mountain	19,837.9	19,138.1	65,050.2	65,238.4	778.8	778.8	1.8	1.8	3,937.0	3,937.0	111.4	111.4	89,717.1	89,205.5
Arizona	4,122.0	3,658.4	20,125.9	20,340.1	216.3	216.3	0.0	0.0	3,937.0	3,937.0	0.0	0.0	28,401.2	28,151.8
Colorado	3,145.8	3,056.1	11,242.4	11,333.9	562.5	562.5	0.0	0.0	0.0	0.0	9.3	9.3	14,960.0	14,961.8
Idaho	3,762.9	3,762.9	1,133.1	1,133.1	0.0	0.0	0.0	0.0	0.0	0.0	14.8	14.8	4,910.8	4,910.8
Montana	3,401.8	3,373.5	2,913.7	2,913.7	0.0	0.0	0.0	0.0	0.0	0.0	44.0	44.0	6,359.5	6,331.2
Nevada	1,986.1	1,906.1	8,559.7	8,559.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,545.8	10,465.8
New Mexico	1,055.0	1,028.6	7,455.9	7,344.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	8,512.7	8,374.4
Utah	649.9	638.1	6,965.3	6,959.7	0.0	0.0	0.0	0.0	0.0	0.0	31.8	31.8	7,647.0	7,629.6
Wyoming	1,714.4	1,714.4	6,654.2	6,654.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5	11.5	8,380.1	8,380.1
Pacific Contiguous	59,513.9	56,761.5	52,604.3	51,331.9	4,177.6	4,177.6	0.0	0.0	3,372.0	5,522.0	385.8	385.8	120,053.6	118,178.8
California	23,174.0	20,510.2	43,857.4	42,585.0	3,863.6	3,863.6	0.0	0.0	2,240.0	4,390.0	375.8	375.8	73,510.8	71,724.6
Oregon	11,954.8	11,949.0	3,597.2	3,597.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15,552.0	15,546.2
Washington	24,385.1	24,302.3	5,149.7	5,149.7	314.0	314.0	0.0	0.0	1,132.0	1,132.0	10.0	10.0	30,990.8	30,908.0
Pacific Noncontiguous	1,033.6	986.3	3,913.6	3,973.1	0.0	0.0	63.0	63.0	0.0	0.0	26.6	26.6	5,036.8	5,049.0
Alaska	480.2	477.9	1,848.7	1,807.9	0.0	0.0	27.0	27.0	0.0	0.0	0.0	0.0	2,355.9	2,312.8
Hawaii	553.4	508.4	2,064.9	2,165.2	0.0	0.0	36.0	36.0	0.0	0.0	26.6	26.6	2,680.9	2,736.2
U.S. Total	162,198.2	156,394.8	779,194.1	781,466.1	22,368.3	22,368.3	197.8	164.8	98,957.0	101,923.0	1,564.1	1,564.1	1,064,479.5	1,063,881.1

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 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, January 2014 and 2013 (Megawatts)

Census Division and State	Wind		Solar Photovoltaic		Solar Thermal		Conventional Hydroelectric		Biomass Sources		Geothermal		Total Renewable Sources	
	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	788.4	785.0	85.1	49.2	0.0	0.0	1,959.1	1,965.8	1,487.7	1,382.7	0.0	0.0	4,320.3	4,182.7
Connecticut	0.0	0.0	5.0	0.0	0.0	0.0	122.2	122.2	210.0	172.5	0.0	0.0	337.2	294.7
Maine	427.6	427.6	0.0	0.0	0.0	0.0	734.4	742.3	534.6	534.6	0.0	0.0	1,696.6	1,704.5
Massachusetts	68.1	64.7	64.9	41.2	0.0	0.0	260.4	261.1	395.4	395.4	0.0	0.0	788.8	762.4
New Hampshire	171.0	171.0	0.0	0.0	0.0	0.0	515.8	513.9	245.1	177.6	0.0	0.0	931.9	862.5
Rhode Island	1.5	1.5	4.9	0.0	0.0	0.0	2.7	2.7	23.7	23.7	0.0	0.0	32.8	27.9
Vermont	120.2	120.2	10.3	8.0	0.0	0.0	323.6	323.6	78.9	78.9	0.0	0.0	533.0	530.7
Middle Atlantic	3,112.1	3,017.7	362.6	314.1	0.0	0.0	5,213.1	5,076.7	1,278.0	1,258.7	0.0	0.0	9,965.8	9,667.2
New Jersey	7.5	7.5	279.4	245.6	0.0	0.0	3.3	3.3	217.6	217.6	0.0	0.0	507.8	474.0
New York	1,730.8	1,636.4	46.2	31.5	0.0	0.0	4,316.7	4,311.9	463.0	456.6	0.0	0.0	6,556.7	6,436.4
Pennsylvania	1,373.8	1,373.8	37.0	37.0	0.0	0.0	893.1	761.5	597.4	584.5	0.0	0.0	2,901.3	2,756.8
East North Central	7,123.1	6,768.9	110.9	60.8	0.0	0.0	827.4	817.0	1,205.4	1,138.1	0.0	0.0	9,266.8	8,784.8
Illinois	3,520.1	3,520.1	31.6	29.0	0.0	0.0	34.1	34.1	131.9	131.9	0.0	0.0	3,717.7	3,715.1
Indiana	1,539.7	1,539.7	45.2	3.5	0.0	0.0	59.5	59.5	61.2	61.2	0.0	0.0	1,705.6	1,663.9
Michigan	1,221.1	874.8	0.0	0.0	0.0	0.0	237.0	237.0	465.4	459.3	0.0	0.0	1,923.5	1,571.1
Ohio	472.6	464.7	34.1	28.3	0.0	0.0	101.7	101.6	154.4	150.4	0.0	0.0	762.8	745.0
Wisconsin	369.6	369.6	0.0	0.0	0.0	0.0	395.1	384.8	392.5	335.3	0.0	0.0	1,157.2	1,089.7
West North Central	14,352.1	14,027.5	0.0	0.0	0.0	0.0	3,283.2	3,282.7	444.4	424.2	0.0	0.0	18,079.7	17,734.4
Iowa	5,005.0	5,005.0	0.0	0.0	0.0	0.0	147.8	147.8	14.6	14.6	0.0	0.0	5,167.4	5,167.4
Kansas	2,968.7	2,718.9	0.0	0.0	0.0	0.0	7.2	7.2	15.0	7.1	0.0	0.0	2,990.9	2,733.2
Minnesota	2,842.3	2,842.3	0.0	0.0	0.0	0.0	176.6	176.1	380.0	372.5	0.0	0.0	3,398.9	3,390.9
Missouri	458.5	458.5	0.0	0.0	0.0	0.0	570.3	570.3	9.3	9.3	0.0	0.0	1,038.1	1,038.1
Nebraska	530.2	455.4	0.0	0.0	0.0	0.0	275.3	275.3	15.7	10.9	0.0	0.0	821.2	741.6
North Dakota	1,756.9	1,756.9	0.0	0.0	0.0	0.0	508.0	508.0	9.8	9.8	0.0	0.0	2,274.7	2,274.7
South Dakota	790.5	790.5	0.0	0.0	0.0	0.0	1,598.0	1,598.0	0.0	0.0	0.0	0.0	2,388.5	2,388.5
South Atlantic	705.3	705.3	512.0	236.1	0.0	0.0	7,176.2	7,145.5	3,959.3	3,430.3	0.0	0.0	12,352.8	11,517.2
Delaware	2.0	2.0	28.3	24.3	0.0	0.0	0.0	0.0	8.0	8.0	0.0	0.0	38.3	34.3
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	66.4	66.4	0.0	0.0	54.5	54.5	1,214.0	1,036.7	0.0	0.0	1,334.9	1,157.6
Georgia	0.0	0.0	42.7	3.2	0.0	0.0	2,047.9	2,047.9	741.8	648.8	0.0	0.0	2,832.4	2,699.9
Maryland	120.0	120.0	51.6	27.6	0.0	0.0	590.0	590.0	143.3	143.3	0.0	0.0	904.9	880.9
North Carolina	0.0	0.0	320.5	114.6	0.0	0.0	1,991.7	1,964.2	471.2	535.4	0.0	0.0	2,783.4	2,614.2
South Carolina	0.0	0.0	2.5	0.0	0.0	0.0	1,339.2	1,336.0	426.7	389.1	0.0	0.0	1,768.4	1,725.1
Virginia	0.0	0.0	0.0	0.0	0.0	0.0	866.2	866.2	952.1	666.8	0.0	0.0	1,818.3	1,533.0
West Virginia	583.3	583.3	0.0	0.0	0.0	0.0	286.7	286.7	2.2	2.2	0.0	0.0	872.2	872.2
East South Central	29.1	29.1	12.8	12.8	0.0	0.0	6,719.9	6,713.9	1,181.7	1,179.8	0.0	0.0	7,943.5	7,935.6
Alabama	0.0	0.0	0.0	0.0	0.0	0.0	3,272.2	3,272.2	676.7	676.7	0.0	0.0	3,948.9	3,948.9
Kentucky	0.0	0.0	0.0	0.0	0.0	0.0	831.6	825.6	69.1	69.1	0.0	0.0	900.7	894.7
Mississippi	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	236.7	236.7	0.0	0.0	236.7	236.7
Tennessee	29.1	29.1	12.8	12.8	0.0	0.0	2,616.1	2,616.1	199.2	197.3	0.0	0.0	2,857.2	2,855.3
West South Central	15,461.8	15,311.8	115.9	75.2	0.0	0.0	3,083.2	3,080.2	1,223.0	1,219.8	0.0	0.0	19,883.9	19,687.0
Arkansas	0.0	0.0	0.0	0.0	0.0	0.0	1,340.7	1,340.7	325.8	325.8	0.0	0.0	1,666.5	1,666.5
Louisiana	0.0	0.0	0.0	0.0	0.0	0.0	192.0	192.0	379.5	379.5	0.0	0.0	571.5	571.5
Oklahoma	3,132.9	3,132.9	0.0	0.0	0.0	0.0	861.2	858.2	76.6	73.4	0.0	0.0	4,070.7	4,064.5
Texas	12,328.9	12,178.9	115.9	75.2	0.0	0.0	689.3	689.3	441.1	441.1	0.0	0.0	13,575.2	13,384.5
Mountain	6,821.9	6,758.1	1,489.1	1,199.5	319.5	69.5	10,559.8	10,521.9	175.0	159.9	472.6	429.2	19,837.9	19,138.1
Arizona	237.3	237.3	874.8	661.2	251.0	1.0	2,720.4	2,720.4	38.5	38.5	0.0	0.0	4,122.0	3,658.4
Colorado	2,334.9	2,271.1	117.6	116.4	0.0	0.0	669.0	655.6	24.3	13.0	0.0	0.0	3,145.8	3,056.1
Idaho	962.7	962.7	0.0	0.0	0.0	0.0	2,703.4	2,703.4	86.8	86.8	10.0	10.0	3,762.9	3,762.9
Montana	627.8	627.8	0.0	0.0	0.0	0.0	2,770.2	2,745.7	3.8	0.0	0.0	0.0	3,401.8	3,373.5
Nevada	150.0	150.0	308.8	258.8	68.5	68.5	1,051.4	1,051.4	3.2	3.2	404.2	374.2	1,986.1	1,906.1
New Mexico	777.5	777.5	186.6	161.8	0.0	0.0	82.9	82.9	6.4	6.4	1.6	0.0	1,055.0	1,028.6
Utah	324.4	324.4	1.3	1.3	0.0	0.0	255.4	255.4	12.0	12.0	56.8	45.0	649.9	638.1
Wyoming	1,407.3	1,407.3	0.0	0.0	0.0	0.0	307.1	307.1	0.0	0.0	0.0	0.0	1,714.4	1,714.4
Pacific Contiguous	12,004.1	11,776.1	2,608.2	812.2	922.5	406.5	39,776.2	39,713.3	2,029.9	1,943.4	2,173.0	2,110.0	59,513.9	56,761.5
California	6,046.0	5,818.0	2,597.0	801.0	922.5	406.5	10,150.3	10,145.7	1,302.9	1,246.7	2,155.3	2,092.3	23,174.0	20,510.2
Oregon	3,151.9	3,151.9	10.7	10.7	0.0	0.0	8,454.7	8,454.7	319.8	314.0	17.7	17.7	11,954.8	11,949.0
Washington	2,806.2	2,806.2	0.5	0.5	0.0	0.0	21,171.2	21,112.9	407.2	382.7	0.0	0.0	24,385.1	24,302.3
Pacific Noncontiguous	263.2	262.3	20.2	13.2	0.0	0.0	440.6	440.6	266.6	227.2	43.0	43.0	1,033.6	986.3
Alaska	57.6	56.7	0.0	0.0	0.0	0.0	415.6	415.6	7.0	5.6	0.0	0.0	480.2	477.9
Hawaii	205.6	205.6	20.2	13.2	0.0	0.0	25.0	25.0	259.6	221.6	43.0	43.0	553.4	508.4
U.S. Total	60,661.1	59,441.8	5,316.8	2,773.1	1,242.0	476.0	79,038.7	78,757.6	13,251.0	12,364.1	2,688.6	2,582.2	162,198.2	156,394.8

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 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, January 2014 and 2013 (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	
	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013	January 2014	January 2013
New England	12,194.9	12,196.6	1,227.1	1,223.5	872.9	876.4	2,547.1	2,547.1	0.0	0.0	7,560.3	7,903.0	0.0	0.0	24,402.3	24,746.6
Connecticut	2,511.7	2,513.4	595.2	591.6	76.1	61.0	383.4	383.4	0.0	0.0	2,830.3	3,173.0	0.0	0.0	6,396.7	6,722.4
Maine	1,250.0	1,250.0	306.0	306.0	119.0	119.0	85.0	85.0	0.0	0.0	1,004.9	1,004.9	0.0	0.0	2,764.9	2,764.9
Massachusetts	5,505.0	5,505.0	322.1	322.1	667.4	686.0	1,544.8	1,544.8	0.0	0.0	3,110.1	3,110.1	0.0	0.0	11,149.4	11,168.0
New Hampshire	1,203.0	1,203.0	3.8	3.8	0.0	0.0	533.9	533.9	0.0	0.0	498.0	498.0	0.0	0.0	2,238.7	2,238.7
Rhode Island	1,725.2	1,725.2	0.0	0.0	10.4	10.4	0.0	0.0	0.0	0.0	17.2	17.2	0.0	0.0	1,752.8	1,752.8
Vermont	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	99.8	0.0	0.0	99.8	99.8
Middle Atlantic	22,478.6	22,469.6	8,763.3	8,703.0	8,766.3	8,766.3	19,438.9	21,966.2	11.6	11.6	9,599.2	9,789.7	100.4	100.4	69,158.3	71,806.8
New Jersey	5,870.3	5,870.3	4,090.0	4,093.7	642.9	642.9	2,006.6	2,006.6	11.6	11.6	1,302.3	1,302.3	0.0	0.0	13,923.7	13,927.4
New York	8,338.6	8,338.6	3,011.4	3,011.4	7,194.6	7,194.6	2,260.4	2,703.7	0.0	0.0	5,035.4	5,143.9	0.0	0.0	25,840.4	26,392.2
Pennsylvania	8,269.7	8,260.7	1,661.9	1,597.9	928.8	928.8	15,171.9	17,255.9	0.0	0.0	3,261.5	3,343.5	100.4	100.4	29,394.2	31,487.2
East North Central	16,838.4	16,834.9	25,731.8	25,669.0	3,433.7	3,419.7	73,005.2	72,746.0	570.1	570.1	3,191.9	3,191.9	906.1	906.1	123,677.2	123,337.7
Illinois	2,976.6	2,976.6	10,314.6	10,314.6	241.6	238.7	15,541.6	15,545.0	0.0	0.0	663.1	663.1	117.7	117.7	29,855.2	29,855.7
Indiana	2,451.9	2,451.9	3,172.6	3,189.6	6.5	4.0	18,686.0	18,144.4	274.0	274.0	456.4	456.4	571.3	571.3	25,618.7	25,091.6
Michigan	4,777.0	4,777.0	3,412.1	3,319.3	2,992.6	2,979.3	11,261.8	11,261.8	47.2	47.2	568.9	568.9	0.0	0.0	23,059.6	22,953.5
Ohio	3,963.8	3,960.3	5,443.1	5,443.1	57.4	57.4	19,204.5	19,483.5	142.0	142.0	894.9	894.9	217.1	217.1	29,922.8	30,198.3
Wisconsin	2,669.1	2,669.1	3,389.4	3,402.4	135.6	140.3	8,311.3	8,311.3	106.9	106.9	608.6	608.6	0.0	0.0	15,220.9	15,238.6
West North Central	5,724.1	5,724.1	11,321.8	11,201.8	3,257.3	3,257.3	37,767.7	37,858.3	32.0	32.0	4,105.3	4,106.7	8.4	8.4	62,216.6	62,188.6
Iowa	1,161.5	1,161.5	1,113.9	1,113.9	261.4	261.4	6,590.0	6,683.4	32.0	32.0	998.3	999.7	0.0	0.0	10,157.1	10,251.9
Kansas	0.0	0.0	2,377.8	2,377.8	2,043.0	2,043.0	5,223.0	5,223.0	0.0	0.0	541.3	541.3	0.0	0.0	10,185.1	10,185.1
Minnesota	2,107.2	2,107.2	2,558.4	2,558.4	278.7	278.7	4,717.3	4,696.5	0.0	0.0	804.0	804.0	0.0	0.0	10,465.6	10,444.8
Missouri	1,834.8	1,834.8	3,397.5	3,397.5	267.4	267.4	12,454.0	12,472.0	0.0	0.0	1,161.4	1,161.4	0.0	0.0	19,115.1	19,133.1
Nebraska	320.6	320.6	1,111.6	1,111.6	394.2	394.2	4,145.7	4,145.7	0.0	0.0	314.8	314.8	0.0	0.0	6,286.9	6,286.9
North Dakota	0.0	0.0	120.0	0.0	0.0	0.0	4,141.1	4,141.1	0.0	0.0	58.6	58.6	8.4	8.4	4,328.1	4,208.1
South Dakota	300.0	300.0	642.6	642.6	12.6	12.6	496.6	496.6	0.0	0.0	226.9	226.9	0.0	0.0	1,678.7	1,678.7
South Atlantic	45,426.2	43,408.2	31,512.5	31,464.5	4,450.7	3,497.9	64,746.3	67,123.3	633.8	633.8	14,674.5	15,747.2	135.0	135.0	161,579.0	162,009.9
Delaware	1,130.0	1,130.0	355.0	355.0	885.6	854.8	573.0	759.0	0.0	0.0	105.4	105.4	135.0	135.0	3,184.0	3,339.2
District of Columbia	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0
Florida	25,157.6	23,942.6	7,958.9	7,958.9	2,598.5	1,755.5	10,141.0	10,266.0	550.0	550.0	7,192.8	8,203.8	0.0	0.0	53,598.8	52,676.8
Georgia	7,960.0	7,960.0	7,808.9	7,836.9	115.0	115.0	12,412.1	12,737.1	83.8	83.8	1,098.9	1,136.2	0.0	0.0	29,478.7	29,869.0
Maryland	230.0	230.0	1,507.8	1,488.3	340.5	335.5	4,757.0	4,757.0	0.0	0.0	2,807.6	2,807.6	0.0	0.0	9,642.9	9,618.4
North Carolina	4,697.6	3,894.6	6,068.2	6,011.7	74.0	0.0	10,841.8	12,126.8	0.0	0.0	425.6	451.0	0.0	0.0	22,107.2	22,484.1
South Carolina	2,281.7	2,281.7	2,852.2	2,852.2	110.8	110.8	5,930.5	6,225.5	0.0	0.0	664.5	663.5	0.0	0.0	11,839.7	12,133.7
Virginia	3,969.3	3,969.3	3,877.6	3,877.6	320.7	320.7	5,770.3	5,961.3	0.0	0.0	2,368.7	2,368.7	0.0	0.0	16,306.6	16,497.6
West Virginia	0.0	0.0	1,073.9	1,073.9	5.6	5.6	14,320.6	14,290.6	0.0	0.0	11.0	11.0	0.0	0.0	15,411.1	15,381.1
East South Central	17,804.9	17,804.9	12,865.8	12,865.8	2,865.5	2,865.5	37,122.2	37,415.2	0.0	0.0	197.1	197.1	99.8	103.8	70,955.3	71,252.3
Alabama	9,325.7	9,325.7	2,550.6	2,550.6	169.1	169.1	11,145.3	11,367.3	0.0	0.0	42.6	42.6	99.8	99.8	23,333.1	23,555.1
Kentucky	0.0	0.0	4,828.9	4,828.9	0.0	0.0	15,222.3	15,293.3	0.0	0.0	69.9	69.9	0.0	0.0	20,121.1	20,192.1
Mississippi	7,076.2	7,076.2	1,716.9	1,716.9	2,696.4	2,696.4	2,526.0	2,526.0	0.0	0.0	35.0	35.0	0.0	4.0	14,050.5	14,054.5
Tennessee	1,403.0	1,403.0	3,769.4	3,769.4	0.0	0.0	8,228.6	8,228.6	0.0	0.0	49.6	49.6	0.0	0.0	13,450.6	13,450.6
West South Central	56,455.9	56,430.9	12,135.5	11,725.5	37,126.0	38,454.0	37,934.3	36,984.8	1,409.8	1,409.8	195.9	195.9	379.9	379.9	145,637.3	145,580.8
Arkansas	4,660.5	4,660.5	757.1	753.1	1,280.0	2,258.0	5,144.0	5,144.0	0.0	0.0	17.2	17.2	0.0	0.0	11,858.8	12,832.8
Louisiana	7,324.2	7,324.2	2,406.2	2,406.2	8,434.2	8,434.2	3,427.0	3,414.0	975.0	975.0	46.9	46.9	34.3	34.3	22,647.8	22,634.8
Oklahoma	7,512.5	7,512.5	1,191.9	1,191.9	5,092.5	5,092.5	5,294.4	5,294.4	0.0	0.0	69.3	69.3	0.0	0.0	19,160.6	19,160.6
Texas	36,958.7	36,933.7	7,780.3	7,374.3	22,319.3	22,669.3	24,068.9	23,132.4	434.8	434.8	62.5	62.5	345.6	345.6	91,970.1	90,952.6
Mountain	21,672.5	21,672.5	8,872.1	8,777.6	3,331.6	3,550.8	30,678.9	30,765.4	52.0	52.0	348.2	325.2	94.9	94.9	65,050.2	65,238.4
Arizona	10,418.2	10,418.2	2,353.6	2,353.6	1,106.6	1,320.8	6,157.0	6,157.0	0.0	0.0	90.5	90.5	0.0	0.0	20,125.9	20,340.1
Colorado	2,733.2	2,733.2	2,545.5	2,545.5	381.0	386.0	5,404.8	5,491.3	0.0	0.0	177.9	177.9	0.0	0.0	11,242.4	11,333.9
Idaho	567.5	567.5	543.0	543.0	0.0	0.0	17.2	17.2	0.0	0.0	5.4	5.4	0.0	0.0	1,133.1	1,133.1
Montana	0.0	0.0	362.1	362.1	54.0	54.0	2,442.1	2,442.1	52.0	52.0	2.0	2.0	1.5	1.5	2,913.7	2,913.7
Nevada	5,287.2	5,287.2	1,380.6	1,380.6	587.1	587.1	1,293.4	1,293.4	0.0	0.0	11.4	11.4	0.0	0.0	8,559.7	8,559.7
New Mexico	1,465.4	1,465.4	1,036.1	947.2	896.0	896.0	4,031.0	4,031.0	0.0	0.0	27.4	4.4	0.0	0.0	7,455.9	7,344.0
Utah	1,201.0	1,201.0	534.6	529.0	300.9	300.9	4,901.0	4,901.0	0.0	0.0	27.8	27.8	0.0	0.0	6,965.3	6,959.7
Wyoming	0.0	0.0	116.6	116.6	6.0	6.0	6,432.4	6,432.4	0.0	0.0	5.8	5.8	93.4	93.4	6,654.2	6,654.2
Pacific Contiguous	25,706.2	24,275.1	11,544.9	9,079.1	12,551.2	15,078.0	2,177.8	2,275.5	0.0	0.0	413.1	413.1	211.1	211.1	52,604.3	51,331.9
California	19,762.1	18,331.0	10,709.9	8,244.1	12,523.6	15,050.4	252.8	350.5	0.0	0.0	397.9	397.9	211.1	211.1	43,857.4	42,585.0
Oregon	2,878.4	2,878.4	133.8	133.8	0.0	0.0	585.0	585.0	0.0	0.0	0.0	0.0	0.0	0.0	3,597.2	3,597.2
Washington	3,065.7	3,065.7	701.2	701.2	27.6	27.6	1,340.0	1,340.0	0.0	0.0	15.2	15.2	0.0	0.0	5,149.7	5,149.7
Pacific Noncontiguous	577.0	499.1	472.1	510.0	15.0	14.2	290.5	290.5	0.0	0.0	2,553.0	2,653.3	6.0	6.0	3,913.6	3,973.1
Alaska	577.0	499.1	472.1	510.0	15.0	14.2	110.5	110.5	0.0	0.0	674.1	674.1	0.0	0.0	1,848.7	1,807.9
Hawaii	0.0	0.0	0.0	0.0	0.0	0.0	180.0	180.0	0.0	0.0	1,878.9	1,979.2	6.0	6.0	2,064.9	2,165.2
U.S. Total	224,878.7	221,315.9	124,446.9	121,219.8	76,670.2	79,780.1	305,708.9	309,972.3	2,709.3	2,709.3	42,838.5	44,523.1	1,941.6	1,945.6	779,194.1	781,466.1

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, 2014

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
2014	1	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	02	40.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	1	56814	Black Creek Renewable Energy LLC	IPP	Sampson County Landfill	NC	57492	GEN6	1.6	Landfill Gas	LFG	IC
2014	1	58546	Cascade Solar LLC	IPP	Cascade Solar	CA	58590	1	18.5	Solar Photovoltaic	SUN	PV
2014	1	10056	City of Kaukauna	Electric Utility	New Badger	WI	4120	3	4.0	Conventional Hydroelectric	WAT	HY
2014	1	10056	City of Kaukauna	Electric Utility	New Badger	WI	4120	4	4.0	Conventional Hydroelectric	WAT	HY
2014	1	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL13	39.1	Solar Photovoltaic	SUN	PV
2014	1	56615	First Solar Energy LLC	IPP	Topaz Solar Farm	CA	57695	TPZ3	151.9	Solar Photovoltaic	SUN	PV
2014	1	58596	Hanwha Q CELLS USA	IPP	Kalaeloa Renewable Energy Park	HI	58651	KREP	5.0	Solar Photovoltaic	SUN	PV
2014	1	11018	Lincoln Electric System	Electric Utility	Terry Bundy Generating Station	NE	7887	LFG1	1.6	Landfill Gas	LFG	IC
2014	1	11018	Lincoln Electric System	Electric Utility	Terry Bundy Generating Station	NE	7887	LFG2	1.6	Landfill Gas	LFG	IC
2014	1	11018	Lincoln Electric System	Electric Utility	Terry Bundy Generating Station	NE	7887	LFG3	1.6	Landfill Gas	LFG	IC
2014	1	58515	NextEra Energy Mountain View Solar	IPP	Mountain View Solar	NV	58544	1	20.0	Solar Photovoltaic	SUN	PV
2014	1	58482	RE Columbia 3 LLC	IPP	Columbia 3	CA	58502	COL3	10.0	Solar Photovoltaic	SUN	PV
2014	1	58478	RE Rosamond One LLC	IPP	Rosamond One	CA	58498	RONE	20.0	Solar Photovoltaic	SUN	PV
2014	1	58479	RE Rosamond Two LLC	IPP	Rosamond Two	CA	58499	RTWO	20.0	Solar Photovoltaic	SUN	PV
2014	1	58593	Sequoia PV 1 LLC	IPP	Tulare 1 and 2	CA	58642	1	1.5	Solar Photovoltaic	SUN	PV
2014	1	58593	Sequoia PV 1 LLC	IPP	Tulare 1 and 2	CA	58642	2	1.5	Solar Photovoltaic	SUN	PV
2014	1	2770	Terra-Gen Operating Co LLC	IPP	Alta Wind X	CA	58394	AW10	138.0	Onshore Wind Turbine	WND	WT
2014	1	2770	Terra-Gen Operating Co LLC	IPP	Alta Wind XI	CA	58395	AW11	90.0	Onshore Wind Turbine	WND	WT
2014	1	5109	The DTE Electric Company	Electric Utility	Echo Wind Park	MI	58121	GEN1	60.8	Onshore Wind Turbine	WND	WT
2014	1	58268	Tulare PV I LLC	IPP	Ivanhoe Solar	CA	58307	1	1.5	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Ivanhoe Solar	CA	58307	2	0.5	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Ivanhoe Solar	CA	58307	3	1.5	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Lindsay Solar	CA	58308	1	1.5	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Lindsay Solar	CA	58308	3	1.5	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Lindsay Solar	CA	58308	4	1.0	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Porterville Solar	CA	58309	1	1.0	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Porterville Solar	CA	58309	2	1.0	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Porterville Solar	CA	58309	5	1.5	Solar Photovoltaic	SUN	PV
2014	1	58604	US Air Force	Commercial	Cape Cod Air Force Station - 6 SWS	MA	58661	GE-3	1.7	Onshore Wind Turbine	WND	WT
2014	1	58604	US Air Force	Commercial	Cape Cod Air Force Station - 6 SWS	MA	58661	GE-4	1.7	Onshore Wind Turbine	WND	WT
2014	1	57081	Washington Gas Energy Systems, Inc.	IPP	Maynard PV	MA	58412	SO026	1.0	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.

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 6.4. Retired Utility Scale Generating Units by Operating Company, Plant, and Month, 2014

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
2014	1	19547	Hawaiian Electric Co Inc	Electric Utility	Honolulu	HI	764	H8	48.6	Petroleum Liquids	RFO	ST
2014	1	19547	Hawaiian Electric Co Inc	Electric Utility	Honolulu	HI	764	H9	51.7	Petroleum Liquids	RFO	ST

NOTES:
Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a signifciant portion of capacity for some technologies such as solar photovoltaic generation.
Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators.
Descriptions for the Energy Source Codes and the Prime Mover Codes listed in the table can be found in the Technical Notes.

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 6.5. 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
2014	2	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	03	40.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	2	58462	Battery Utility of Ohio LLC	IPP	Battery Utility of Ohio	OH	58475	BOU	4.0	Batteries	MWH	BA
2014	2	57421	BayWa r.e Wind LLC	IPP	Broadview Energy Prime 2 LLC	NM	58465	0002	9.9	Onshore Wind Turbine	WND	WT
2014	2	57421	BayWa r.e Wind LLC	IPP	Broadview Energy Prime LLC	NM	58464	0001	9.9	Onshore Wind Turbine	WND	WT
2014	2	58135	Ecos Energy LLC	IPP	Bear Creek Solar	CA	58508	PV3	1.5	Solar Photovoltaic	SUN	PV
2014	2	57414	Eli Lilly and Company	Industrial	Lilly Technical Center	IN	58043	5	1.0	All Other	PUR	ST
2014	2	56615	First Solar Energy LLC	IPP	Agua Caliente Solar Project	AZ	57373	AGU3	110.0	Solar Photovoltaic	SUN	PV
2014	2	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL14	26.5	Solar Photovoltaic	SUN	PV
2014	2	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL5	25.2	Solar Photovoltaic	SUN	PV
2014	2	58596	Hanwha Q CELLS USA	IPP	Maywood Photovoltaic Project	IN	58770	1	8.0	Solar Photovoltaic	SUN	PV
2014	2	10810	LAX Airport	Commercial	Central Utilities Plant LAX 2	CA	58258	GEN1	4.4	Natural Gas Fired Combustion Turbine	NG	GT
2014	2	10810	LAX Airport	Commercial	Central Utilities Plant LAX 2	CA	58258	GEN2	4.4	Natural Gas Fired Combustion Turbine	NG	GT
2014	2	58598	Mass Solar, LLC	IPP	Dartmouth	MA	58682	PV1	6.3	Solar Photovoltaic	SUN	PV
2014	2	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	AVS1	38.0	Solar Photovoltaic	SUN	PV
2014	2	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	AVS2	19.3	Solar Photovoltaic	SUN	PV
2014	2	58489	OCI Solar Power	IPP	OCI Alamo 2, LLC	TX	58716	1	4.4	Solar Photovoltaic	SUN	PV
2014	2	58656	Pheasant Run Wind II, LLC	IPP	Pheasant Run Wind II	MI	58719	WPH2	74.8	Onshore Wind Turbine	WND	WT
2014	2	58418	State Fair Community College	IPP	Missouri Center for Waste to Energy	MO	58421	320	1.0	Landfill Gas	LFG	IC
2014	2	58418	State Fair Community College	IPP	Missouri Center for Waste to Energy	MO	58421	420	1.4	Landfill Gas	LFG	IC
2014	2	58658	Sunlight Partners	IPP	Angel Solar	NC	58731	PV1	5.0	Solar Photovoltaic	SUN	PV
2014	2	58658	Sunlight Partners	IPP	Austin Solar	NC	58733	PV1	2.0	Solar Photovoltaic	SUN	PV
2014	2	58268	Tulare PV I LLC	IPP	Exeter Solar	CA	58306	1	1.0	Solar Photovoltaic	SUN	PV
2014	2	58268	Tulare PV I LLC	IPP	Exeter Solar	CA	58306	2	1.0	Solar Photovoltaic	SUN	PV
2014	2	58268	Tulare PV I LLC	IPP	Exeter Solar	CA	58306	3	1.5	Solar Photovoltaic	SUN	PV
2014	2	58568	Westlands Solar Farms, LLC	IPP	Westlands Solar PV Farm	CA	58616	WSF1	18.0	Solar Photovoltaic	SUN	PV
2014	3	58433	Ameresco Forward, LLC	IPP	Ameresco Forward	CA	58437	ENG1	2.1	Landfill Gas	LFG	IC
2014	3	58433	Ameresco Forward, LLC	IPP	Ameresco Forward	CA	58437	ENG2	2.1	Landfill Gas	LFG	IC
2014	3	58432	Ameresco San Joaquin, LLC	IPP	Ameresco San Joaquin	CA	58436	ENG1	2.1	Landfill Gas	LFG	IC
2014	3	58432	Ameresco San Joaquin, LLC	IPP	Ameresco San Joaquin	CA	58436	ENG2	2.1	Landfill Gas	LFG	IC
2014	3	58431	Ameresco Vasco Road, LLC	IPP	Ameresco Vasco Road	CA	58435	ENG1	2.1	Landfill Gas	LFG	IC
2014	3	58431	Ameresco Vasco Road, LLC	IPP	Ameresco Vasco Road	CA	58435	ENG2	2.1	Landfill Gas	LFG	IC
2014	3	58521	BIOFerm USA Inc	IPP	Oshkosh Foundation Rosedale Biodigester LLC	WI	58555	95100	1.4	Other Waste Biomass	OBG	IC
2014	3	58427	Centinela Solar Energy LLC	IPP	Centinela Solar Energy	CA	58430	CSE5	18.6	Solar Photovoltaic	SUN	PV
2014	3	6169	Fall River Rural Elec Coop Inc	Electric Utility	Chester Diversion Hydroelectric Project	ID	56893	1	1.2	Conventional Hydroelectric	WAT	HY
2014	3	6169	Fall River Rural Elec Coop Inc	Electric Utility	Chester Diversion Hydroelectric Project	ID	56893	2	1.2	Conventional Hydroelectric	WAT	HY
2014	3	6169	Fall River Rural Elec Coop Inc	Electric Utility	Chester Diversion Hydroelectric Project	ID	56893	3	1.2	Conventional Hydroelectric	WAT	HY
2014	3	56615	First Solar Energy LLC	IPP	AV Solar Ranch One	CA	57378	AVSR	230.0	Solar Photovoltaic	SUN	PV
2014	3	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL15	13.9	Solar Photovoltaic	SUN	PV
2014	3	56615	First Solar Energy LLC	IPP	Topaz Solar Farm	CA	57695	TPZ4	71.8	Solar Photovoltaic	SUN	PV
2014	3	19558	Homer Electric Assn Inc	Electric Utility	Soldotna	AK	57206	1	44.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	3	58696	Ignite Solar Holdings LLC	IPP	Shasta Solar Farm	CA	58814	GENA	1.5	Solar Photovoltaic	SUN	PV
2014	3	58696	Ignite Solar Holdings LLC	IPP	Shasta Solar Farm	CA	58814	GENB	1.5	Solar Photovoltaic	SUN	PV
2014	3	58710	Lakeswind Power Partners	IPP	Lakeswind Power Partners	MN	58836	LW1	50.0	Onshore Wind Turbine	WND	WT
2014	3	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS16	62.9	Solar Photovoltaic	SUN	PV
2014	3	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS25	51.9	Solar Photovoltaic	SUN	PV
2014	3	58256	Millbury Solar LLC	IPP	Millbury Solar	MA	58280	1	3.0	Solar Photovoltaic	SUN	PV
2014	3	58325	New Bern Farm LLC	IPP	New Bern Farm	NC	58339	1	5.0	Solar Photovoltaic	SUN	PV
2014	3	58654	Orion Solar I LLC	IPP	Orion Solar I	CA	58718	PV1	12.0	Solar Photovoltaic	SUN	PV
2014	3	58655	Orion Solar II, LLC	IPP	Orion Solar II	CA	58721	ORION	8.0	Solar Photovoltaic	SUN	PV
2014	3	34691	Ormat Nevada Inc	IPP	Heber Solar	CA	58398	1	10.0	Solar Photovoltaic	SUN	PV
2014	3	50102	Rock-Tenn Company	Industrial	Rock-Tenn Mill	AL	54763	4TG	30.0	Wood/Wood Waste Biomass	BLQ	ST
2014	3	58326	Roxboro Farm LLC	IPP	Roxboro Farm	NC	58340	1	5.0	Solar Photovoltaic	SUN	PV
2014	3	54842	WM Renewable Energy LLC	IPP	Metro Methane Recovery Facility	IA	54700	GEN10	1.6	Landfill Gas	LFG	IC
2014	3	54842	WM Renewable Energy LLC	IPP	Metro Methane Recovery Facility	IA	54700	GEN11	1.6	Landfill Gas	LFG	IC
2014	3	54842	WM Renewable Energy LLC	IPP	Metro Methane Recovery Facility	IA	54700	GEN12	1.6	Landfill Gas	LFG	IC
2014	4	56979	Adobe Solar LLC	IPP	FRV Cygnus Solar Project	CA	57651	FRV3	20.0	Solar Photovoltaic	SUN	PV
2014	4	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	1	0.5	Petroleum Liquids	JF	IC
2014	4	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	2	0.5	Petroleum Liquids	JF	IC
2014	4	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	3	0.5	Petroleum Liquids	JF	IC
2014	4	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	4	0.5	Petroleum Liquids	JF	IC
2014	4	58567	Blue Renewable Energy IMS, LLC	IPP	Indianapolis Motor Speedway Solar PV	IN	58615	IMS	9.0	Solar Photovoltaic	SUN	PV
2014	4	58427	Centinela Solar Energy LLC	IPP	Centinela Solar Energy	CA	58430	CSE6	25.6	Solar Photovoltaic	SUN	PV
2014	4	57365	Consolidated Edison Solutions Inc	IPP	Port Richmond WWT Solar	NY	58647	1	1.0	Solar Photovoltaic	SUN	PV
2014	4	57365	Consolidated Edison Solutions Inc	IPP	Tihonet Solar	MA	58749	TSMA	1.0	Solar Photovoltaic	SUN	PV
2014	4	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0001	1.0	Conventional Hydroelectric	WAT	HY
2014	4	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0002	1.0	Conventional Hydroelectric	WAT	HY
2014	4	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0003	1.0	Conventional Hydroelectric	WAT	HY
2014	4	58135	Ecos Energy LLC	IPP	Kettleman Solar Project	CA	58510	PV5	1.0	Solar Photovoltaic	SUN	PV
2014	4	58135	Ecos Energy LLC	IPP	Vintner Solar	CA	58509	PV4	1.5	Solar Photovoltaic	SUN	PV
2014	4	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL18	29.0	Solar Photovoltaic	SUN	PV
2014	4	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL6	25.2	Solar Photovoltaic	SUN	PV
2014	4	56723	Genesis Solar LLC	IPP	Genesis Solar Energy Project	CA	57394	GEN01	125.0	Solar Thermal without Energy Storage	SUN	ST
2014	4	56167	Imperial Valley Solar, LLC	IPP	Imperial Valley Solar, LLC	CA	56917	1A	99.0	Solar Photovoltaic	SUN	PV
2014	4	58579	Silverado Power	IPP	Expressway Solar A	CA	58761	EXSA	2.0	Solar Photovoltaic	SUN	PV
2014	4	58579	Silverado Power	IPP	Expressway Solar B	CA	58762	EXSB	2.0	Solar Photovoltaic	SUN	PV
2014	4	58518	Sol Orchard Community, LLC	IPP	Community Solar 1	CA	58545	1	5.7	Solar Photovoltaic	SUN	PV
2014	4	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	1	1.6	Landfill Gas	LFG	IC
2014	4	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	2	1.6	Landfill Gas	LFG	IC
2014	4	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	3	1.6	Landfill Gas	LFG	IC
2014	4	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	4	1.6	Landfill Gas	LFG	IC
2014	4	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	5	1.6	Landfill Gas	LFG	IC
2014	4	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	6	1.6	Landfill Gas	LFG	IC
2014	5	221	Alaska Village Elec Coop, Inc	Electric Utility	Togiak	AK	6348	5A	0.8	Petroleum Liquids	DFO	IC
2014	5	58694	Argand Energy Solutions, LLC	IPP	Arba Solar, LLC	NC	58801	INV1	0.5	Solar Photovoltaic	SUN	PV
2014	5	58694	Argand Energy Solutions, LLC	IPP	Arba Solar, LLC	NC	58801	INV2	0.5	Solar Photovoltaic	SUN	PV
2014	5	58694	Argand Energy Solutions, LLC	IPP	Arba Solar, LLC	NC	58801	INV3	0.5	Solar Photovoltaic	SUN	PV
2014	5	58694	Argand Energy Solutions, LLC	IPP	Arba Solar, LLC	NC	58801	INV4	0.5	Solar Photovoltaic	SUN	PV
2014	5	5906	EDF Renewable Services Inc	IPP	Spinning Spur Wind II	TX	58774	GEN1	161.0	Onshore Wind Turbine	WND	WT
2014	5	56615	First Solar Energy LLC	IPP	Barilla Solar	TX	58710	BRLA	30.2	Solar Photovoltaic	SUN	PV
2014	5	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL7	20.2	Solar Photovoltaic	SUN	PV
2014	5	8153	Hartford Steam Co	Commercial	Hartford Hospital Cogeneration	CT	52061	GEN4	1.4	Other Natural Gas	NG	FC
2014	5	49893	Invenergy Services LLC	IPP	Prairie Breeze	NE	58322	1	206.5	Onshore Wind Turbine	WND	WT
2014	5	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS15	14.6	Solar Photovoltaic	SUN	PV
2014	5	58322	Mile Farm LLC	IPP	Mile Farm	NC	58336	1	5.0	Solar Photovoltaic	SUN	PV
2014	5	14354	PacifiCorp	Electric Utility	Lake Side Power Plant	UT	56237	CT21	178.0	Natural Gas Fired Combined Cycle	NG	CT
2014	5	14354	PacifiCorp	Electric Utility	Lake Side Power Plant	UT	56237	CT22	178.0	Natural Gas Fired Combined Cycle	NG	CT
2014	5	14354	PacifiCorp	Electric Utility	Lake Side Power Plant	UT	56237	ST2	273.0	Natural Gas Fired Combined Cycle	NG	CA
2014	5	58579	Silverado Power	IPP	Lancaster Dry Farm Ranch B	CA	58750	LDFRB	5.0	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011A	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011B	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011C	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011D	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011E	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011F	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011G	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013A	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013B	0.5	Solar Photovoltaic	SUN	PV

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
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013C	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013D	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013E	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013F	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013G	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016A	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016B	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016C	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017A	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017B	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017C	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017D	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017E	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017F	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017G	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026A	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026B	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026C	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026D	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026E	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026F	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026G	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026H	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026I	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026J	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	SO26K	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	SO26L	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027A	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027B	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027C	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027D	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028A	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028B	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028C	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028D	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028E	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028F	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028G	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32A	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32B	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32C	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #33	CA	57535	S33A	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #33	CA	57535	S33B	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44A	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44B	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44C	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44D	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44E	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44F	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44G	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44H	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44I	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44J	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44K	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44L	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44M	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44N	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44O	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44P	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48A	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48B	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48C	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48D	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48E	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48F	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48G	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48H	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48I	0.5	Solar Photovoltaic	SUN	PV
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48J	0.5	Solar Photovoltaic	SUN	PV
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	01	9.0	Other Natural Gas	NG	IC
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	02	9.0	Other Natural Gas	NG	IC
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	03	9.0	Other Natural Gas	NG	IC
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	04	9.0	Other Natural Gas	NG	IC
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	05	9.0	Other Natural Gas	NG	IC
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	06	9.0	Other Natural Gas	NG	IC
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	07	9.0	Other Natural Gas	NG	IC
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	08	9.0	Other Natural Gas	NG	IC
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	09	9.0	Other Natural Gas	NG	IC
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	10	9.0	Other Natural Gas	NG	IC
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	11	9.0	Other Natural Gas	NG	IC
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	12	9.0	Other Natural Gas	NG	IC
2014	5	58705	Washington Gas Energy Systems	IPP	Cogenra - TEP	AZ	58832	CTEP	1.0	Solar Photovoltaic	SUN	PV
2014	5	56999	Western Massachusetts Electric Company	Electric Utility	Cottage Street Solar Facility	MA	58568	PV-3	3.2	Solar Photovoltaic	SUN	PV
2014	6	40577	American Mun Power-Ohio, Inc	Electric Utility	Cannelton Hydroelectric Plant	KY	57399	CG1	29.3	Conventional Hydroelectric	WAT	HY
2014	6	40577	American Mun Power-Ohio, Inc	Electric Utility	Cannelton Hydroelectric Plant	KY	57399	CG2	29.3	Conventional Hydroelectric	WAT	HY
2014	6	40577	American Mun Power-Ohio, Inc	Electric Utility	Cannelton Hydroelectric Plant	KY	57399	CG3	29.3	Conventional Hydroelectric	WAT	HY
2014	6	56870	Blue Sky West LLC	IPP	Bingham Wind	ME	57531	1	127.0	Onshore Wind Turbine	WND	WT
2014	6	3370	Channel Energy Center LLC	IPP	Channel Energy Center LLC	TX	55299	CTG3	183.0	Natural Gas Fired Combined Cycle	NG	CT
2014	6	4994	Deer Park Energy Center	Electric CHP	Deer Park Energy Center	TX	55464	CTG6	154.8	Natural Gas Fired Combined Cycle	NG	CT
2014	6	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL8	18.9	Solar Photovoltaic	SUN	PV
2014	6	56615	First Solar Energy LLC	IPP	Solar Gen 2	CA	58592	ALHM	51.7	Solar Photovoltaic	SUN	PV
2014	6	56615	First Solar Energy LLC	IPP	Solar Gen 2	CA	58592	ARK	51.7	Solar Photovoltaic	SUN	PV
2014	6	56615	First Solar Energy LLC	IPP	Solar Gen 2	CA	58592	SONR	51.7	Solar Photovoltaic	SUN	PV
2014	6	6452	Florida Power & Light Co	Electric Utility	Riviera	FL	619	5A	1,212.0	Natural Gas Fired Combined Cycle	NG	CT
2014	6	6452	Florida Power & Light Co	Electric Utility	Riviera	FL	619	5B		Natural Gas Fired Combined Cycle	NG	CT
2014	6	6452	Florida Power & Light Co	Electric Utility	Riviera	FL	619	5C		Natural Gas Fired Combined Cycle	NG	CT
2014	6	6452	Florida Power & Light Co	Electric Utility	Riviera	FL	619	5ST		Natural Gas Fired Combined Cycle	NG	CA
2014	6	58465	Green States Energy, Inc.	IPP	HOW GM1	MA	58097	1	3.5	Solar Photovoltaic	SUN	PV
2014	6	11269	Lower Colorado River Authority	Electric Utility	Thomas C Ferguson	TX	4937	CT-1	162.0	Natural Gas Fired Combined Cycle	NG	CT
2014	6	11269	Lower Colorado River Authority	Electric Utility	Thomas C Ferguson	TX	4937	CT-2	162.0	Natural Gas Fired Combined Cycle	NG	CT
2014	6	11269	Lower Colorado River Authority	Electric Utility	Thomas C Ferguson	TX	4937	STG	186.0	Natural Gas Fired Combined Cycle	NG	CA
2014	6	58681	MSM Solar LLC	IPP	Storrie Lake Solar Project	NM	58794	MSMPV	1.5	Solar Photovoltaic	SUN	PV
2014	6	58255	Mass Midstate Solar 1 LLC	IPP	Mass Midstate Solar 1	MA	58279	1	5.0	Solar Photovoltaic	SUN	PV
2014	6	58252	Mass Midstate Solar 2 LLC	IPP	Mass Midstate Solar 2	MA	58276	1	5.0	Solar Photovoltaic	SUN	PV
2014	6	58251	Mass Midstate Solar 3 LLC	IPP	Mass Midstate Solar 3	MA	58275	1	4.0	Solar Photovoltaic	SUN	PV
2014	6	58598	Mass Solar, LLC	IPP	North Brookfield	MA	58650	PV1	3.0	Solar Photovoltaic	SUN	PV
2014	6	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS21	59.4	Solar Photovoltaic	SUN	PV

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
2014	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
2014	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
2014	6	58638	NGP Lenape Solar II, LLC	IPP	Lenape II	IN	58703	1	4.0	Solar Photovoltaic	SUN	PV
2014	6	58388	Pantex (NNSA)	Commercial	Pantex	TX	58404	1	11.5	Onshore Wind Turbine	WND	WT
2014	6	58579	Silverado Power	IPP	Expressway Solar C2	CA	58763	EXSC2	1.5	Solar Photovoltaic	SUN	PV
2014	6	58579	Silverado Power	IPP	Rodeo Solar C2	CA	58751	RSC2	1.5	Solar Photovoltaic	SUN	PV
2014	6	58579	Silverado Power	IPP	Rodeo Solar D2	CA	58752	RSD2	1.5	Solar Photovoltaic	SUN	PV
2014	6	58579	Silverado Power	IPP	Summer Solar A2	CA	58753	SSA2	1.5	Solar Photovoltaic	SUN	PV
2014	6	58579	Silverado Power	IPP	Summer Solar B2	CA	58754	SSB2	1.5	Solar Photovoltaic	SUN	PV
2014	6	58579	Silverado Power	IPP	Summer Solar C2	CA	58755	SSC2	1.5	Solar Photovoltaic	SUN	PV
2014	6	58579	Silverado Power	IPP	Summer Solar D2	CA	58756	SSD2	1.5	Solar Photovoltaic	SUN	PV
2014	6	58579	Silverado Power	IPP	Summer Solar E2	CA	58757	SSE2	1.5	Solar Photovoltaic	SUN	PV
2014	6	58579	Silverado Power	IPP	Summer Solar F2	CA	58758	SSF2	1.5	Solar Photovoltaic	SUN	PV
2014	6	58579	Silverado Power	IPP	Summer Solar G2	CA	58759	SSG2	1.5	Solar Photovoltaic	SUN	PV
2014	6	58579	Silverado Power	IPP	Summer Solar H2	CA	58760	SSH2	1.5	Solar Photovoltaic	SUN	PV
2014	6	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	1	4.0	Landfill Gas	LFG	GT
2014	6	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	2	4.0	Landfill Gas	LFG	GT
2014	6	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	3	4.0	Landfill Gas	LFG	GT
2014	6	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	4	4.0	Landfill Gas	LFG	GT
2014	6	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	5	4.0	Landfill Gas	LFG	GT
2014	6	56533	Troy Energy LLC	IPP	Troy Energy LLC	OH	55348	IC1	3.0	Petroleum Liquids	DFO	IC
2014	6	56533	Troy Energy LLC	IPP	Troy Energy LLC	OH	55348	IC2	3.0	Petroleum Liquids	DFO	IC
2014	6	56533	Troy Energy LLC	IPP	Troy Energy LLC	OH	55348	IC3	4.0	Petroleum Liquids	DFO	IC
2014	6	56533	Troy Energy LLC	IPP	Troy Energy LLC	OH	55348	IC4	4.0	Petroleum Liquids	DFO	IC
2014	6	19539	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN10	2.0	Other Natural Gas	NG	IC
2014	6	19539	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN7	2.0	Other Natural Gas	NG	IC
2014	6	19539	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN8	2.0	Other Natural Gas	NG	IC
2014	6	19539	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN9	2.0	Other Natural Gas	NG	IC
2014	6	56334	WEHRAN Energy Corporation	IPP	Brookhaven Facility	NY	55778	BH5	0.5	Landfill Gas	LFG	IC
2014	6	56334	WEHRAN Energy Corporation	IPP	Brookhaven Facility	NY	55778	BH6	0.5	Landfill Gas	LFG	IC
2014	6	58494	WSACC	IPP	WSACC Power Generation Facility	NC	58518	1	0.8	Other Waste Biomass	SLW	ST
2014	6	56236	West Deptford Energy LLC	IPP	West Deptford Energy Station	NJ	56963	E101	304.0	Other Natural Gas	NG	CC
2014	6	56236	West Deptford Energy LLC	IPP	West Deptford Energy Station	NJ	56963	E102	304.0	Other Natural Gas	NG	CC
2014	7	58262	Belectric Inc	IPP	Helen Solar 2	CA	58288	GEPV	1.5	Solar Photovoltaic	SUN	PV
2014	7	20069	City of Wamego - (KS)	Electric Utility	Wamego	KS	1328	10	2.9	Other Natural Gas	NG	IC
2014	7	56660	Mojave Solar LLC	IPP	Mojave Solar Project	CA	57331	MSP1	125.0	Solar Thermal without Energy Storage	SUN	ST
2014	7	56660	Mojave Solar LLC	IPP	Mojave Solar Project	CA	57331	MSP2	125.0	Solar Thermal without Energy Storage	SUN	ST
2014	7	57379	PPG - O&M Panda Sherman Power LLC	IPP	Panda Sherman Power Station	TX	58005	CTG-1	204.0	Natural Gas Fired Combined Cycle	NG	CT
2014	7	57379	PPG - O&M Panda Sherman Power LLC	IPP	Panda Sherman Power Station	TX	58005	CTG-2	204.0	Natural Gas Fired Combined Cycle	NG	CT
2014	7	57379	PPG - O&M Panda Sherman Power LLC	IPP	Panda Sherman Power Station	TX	58005	STG-1	309.0	Natural Gas Fired Combined Cycle	NG	CA
2014	7	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	CTG-1	204.0	Natural Gas Fired Combined Cycle	NG	CT
2014	7	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	CTG-2	204.0	Natural Gas Fired Combined Cycle	NG	CT
2014	7	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	STG-1	309.0	Natural Gas Fired Combined Cycle	NG	CA
2014	7	56545	Pattern Operators LP	IPP	Pattern Panhandle Wind LLC	TX	58242	1	218.0	Onshore Wind Turbine	WND	WT
2014	8	58503	Garnet Solar Power Station 1 LLC	IPP	Garnet Solar Power Station 1 LLC	CA	58528	WDT44	4.0	Solar Photovoltaic	SUN	PV
2014	8	49893	Invenergy Services LLC	IPP	Miami Wind Energy Center	TX	58765	1	288.6	Onshore Wind Turbine	WND	WT
2014	8	10071	Kauai Island Utility Cooperative	Electric Utility	KRS II Koloa Solar	HI	58640	KOLPV	12.0	Solar Photovoltaic	SUN	PV
2014	8	11208	Los Angeles Department of Water & Power	Electric Utility	Maclay Solar Project	CA	57308	1	2.2	Solar Photovoltaic	SUN	PV
2014	8	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS22	54.9	Solar Photovoltaic	SUN	PV
2014	9	58262	Belectric Inc	IPP	Helen Solar 1	CA	58287	GWPV	1.5	Solar Photovoltaic	SUN	PV
2014	9	58262	Belectric Inc	IPP	Venable Solar 1	CA	58289	VNPV	1.5	Solar Photovoltaic	SUN	PV
2014	9	58262	Belectric Inc	IPP	Venable Solar 2	CA	58290	VSPV	1.5	Solar Photovoltaic	SUN	PV
2014	9	58262	Belectric Inc	IPP	Zuni Solar 1	CA	58285	ZNPV	1.5	Solar Photovoltaic	SUN	PV
2014	9	58262	Belectric Inc	IPP	Zuni Solar 2	CA	58286	ZSPV	1.5	Solar Photovoltaic	SUN	PV
2014	9	7977	City of Hamilton - (OH)	Electric Utility	Meldahl Hydroelectric Project	KY	56872	1	35.0	Conventional Hydroelectric	WAT	HY
2014	9	7977	City of Hamilton - (OH)	Electric Utility	Meldahl Hydroelectric Project	KY	56872	2	35.0	Conventional Hydroelectric	WAT	HY
2014	9	7977	City of Hamilton - (OH)	Electric Utility	Meldahl Hydroelectric Project	KY	56872	3	35.0	Conventional Hydroelectric	WAT	HY
2014	9	11268	City of Lowell - (MI)	Electric Utility	Chatham	MI	58254	CT02R	3.2	Natural Gas Fired Combustion Turbine	NG	GT
2014	9	49893	Invenergy Services LLC	IPP	Marsh Hill Wind Farm	NY	58768	1	16.2	Onshore Wind Turbine	WND	WT
2014	9	58413	Lone Valley	IPP	Lone Valley Project	CA	58417	CP1	30.0	Solar Photovoltaic	SUN	PV
2014	9	11664	Mark Technologies Corp	IPP	Alta Mesa Project Phase IV	CA	55352	GEN1	40.0	Onshore Wind Turbine	WND	WT
2014	9	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS13	57.0	Solar Photovoltaic	SUN	PV
2014	9	26616	North Slope Borough Power & Light	Electric Utility	NSB Point Hope Utility	AK	7485	PG1A	1.0	Petroleum Liquids	DFO	IC
2014	9	56641	Tonopah Solar Energy LLC	IPP	Crescent Dunes Solar Energy	NV	57275	TSE-1	110.0	Solar Thermal with Energy Storage	SUN	CP
2014	9	54842	WM Renewable Energy LLC	IPP	Waste Management Columbia Ridge LFGTE	OR	57015	GEN10	1.6	Landfill Gas	LFG	IC
2014	9	54842	WM Renewable Energy LLC	IPP	Waste Management Columbia Ridge LFGTE	OR	57015	GEN11	1.6	Landfill Gas	LFG	IC
2014	9	54842	WM Renewable Energy LLC	IPP	Waste Management Columbia Ridge LFGTE	OR	57015	GEN12	1.6	Landfill Gas	LFG	IC
2014	9	54842	WM Renewable Energy LLC	IPP	Waste Management Columbia Ridge LFGTE	OR	57015	GEN9	1.6	Landfill Gas	LFG	IC
2014	10	56702	510 REPP One LLC	IPP	510 REPP One	NC	57363	1	1.3	Solar Photovoltaic	SUN	PV
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	01A	40.0	Natural Gas Fired Combined Cycle	NG	CT
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	01B	40.0	Natural Gas Fired Combined Cycle	NG	CT
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	01C	20.0	All Other	WH	CA
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	02A	40.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	10	4254	Consumers Energy Co	IPP	Cross Winds Energy Park	MI	58830	CWEP	105.4	Onshore Wind Turbine	WND	WT
2014	10	57391	Copper Mountain Solar 2, LLC	IPP	Copper Mountain Solar 2	NV	58017	PV04	30.0	Solar Photovoltaic	SUN	PV
2014	10	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL9	22.7	Solar Photovoltaic	SUN	PV
2014	10	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	58573	CT1	155.7	Natural Gas Fired Combined Cycle	NG	CT
2014	10	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	58573	CT2	155.7	Natural Gas Fired Combined Cycle	NG	CT
2014	10	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	58573	ST1	129.6	Other Natural Gas	NG	ST
2014	10	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	58573	ST2	129.6	Other Natural Gas	NG	ST
2014	10	56724	Klamath Falls Bioenergy LLC	IPP	Klamath Falls Bioenergy Facility	OR	57388	EU1	37.0	Wood/Wood Waste Biomass	WDS	ST
2014	10	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS23	47.5	Solar Photovoltaic	SUN	PV
2014	10	58489	OCI Solar Power	IPP	OCI Alamo 4, LLC	TX	58717	1	39.6	Solar Photovoltaic	SUN	PV
2014	10	58579	Silverado Power	IPP	Western Antelope Dry Ranch	CA	58627	WADR	10.0	Solar Photovoltaic	SUN	PV
2014	10	5109	The DTE Electric Company	Electric Utility	Echo Wind Park	MI	58121	GEN2	51.2	Onshore Wind Turbine	WND	WT
2014	11	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL19	25.2	Solar Photovoltaic	SUN	PV
2014	11	7570	Great River Energy	Electric Utility	Spiritwood Station	ND	56786	1	62.0	Conventional Steam Coal	LIG	ST
2014	11	56545	Pattern Operators LP	IPP	Pattern Panhandle Wind 2 LLC	TX	58720	1	181.7	Onshore Wind Turbine	WND	WT
2014	11	56980	Regulus Solar LP	IPP	FRV Regulus Solar Project	CA	57650	FRV4	60.0	Solar Photovoltaic	SUN	PV
2014	11	58565	Saddleback Ridge Wind, LLC	IPP	Saddleback Ridge Wind Farm	ME	58608	SRW1	34.2	Onshore Wind Turbine	WND	WT
2014	11	58579	Silverado Power	IPP	Western Antelope Blue Sky Ranch A	CA	58626	WABSA	20.0	Solar Photovoltaic	SUN	PV
2014	11	57355	Stephens Ranch Wind Energy LLC	IPP	Stephens Ranch Wind Energy LLC	TX	57983	1	377.5	Onshore Wind Turbine	WND	WT
2014	12	58719			Keechi Wind	TX	58838	KW1	110.0	Onshore Wind Turbine	WND	WT
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58803	INV1	0.5	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58803	INV2	0.5	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58803	INV3	0.5	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58803	INV4	0.5	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	McCaskey Solar Farm, LLC	NC	58804	INV1	0.3	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	McCaskey Solar Farm, LLC	NC	58804	INV2	0.3	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	McCaskey Solar Farm, LLC	NC	58804	INV3	0.3	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	McCaskey Solar Farm, LLC	NC	58804	INV4	0.3	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	McCaskey Solar Farm, LLC	NC	58804	INV5	0.3	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	McCaskey Solar Farm, LLC	NC	58804	INV6	0.3	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	McCaskey Solar Farm, LLC	NC	58804	INV7	0.3	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	McCaskey Solar Farm, LLC	NC	58804	INV8	0.3	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV1	0.5	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV10	0.5	Solar Photovoltaic	SUN	PV

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
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV2	0.5	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV3	0.5	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV4	0.5	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV5	0.5	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV6	0.5	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV7	0.5	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV8	0.5	Solar Photovoltaic	SUN	PV
2014	12	58694	Argand Energy Solutions, LLC	IPP	Samarcand Solar Farm, LLC	NC	58805	INV9	0.5	Solar Photovoltaic	SUN	PV
2014	12	57391	Copper Mountain Solar 2, LLC	IPP	Copper Mountain Solar 2	NV	58017	PV05	30.0	Solar Photovoltaic	SUN	PV
2014	12	56215	E ON Climate Renewables N America LLC	IPP	Grandview Wind Farm, LLC	TX	58596	GRVWI	200.6	Onshore Wind Turbine	WND	WT
2014	12	56215	E ON Climate Renewables N America LLC	IPP	Patriot Wind Farm	TX	58614	PAT1	178.5	Onshore Wind Turbine	WND	WT
2014	12	5906	EDF Renewable Services Inc	IPP	TX Hereford Wind	TX	58773	GEN1	200.0	Onshore Wind Turbine	WND	WT
2014	12	49932	Enel North America, Inc.	IPP	Courtenay Wind Farm	ND	58658	1	200.0	Onshore Wind Turbine	WND	WT
2014	12	49932	Enel North America, Inc.	IPP	South Fork Wind Farm	MN	58691	STFK1	13.0	Onshore Wind Turbine	WND	WT
2014	12	50127	Exergy Development Group	IPP	Badger Peak	ID	57148	BP	20.0	Onshore Wind Turbine	WND	WT
2014	12	50127	Exergy Development Group	IPP	Bonanza Bar	ID	57149	BBAR	20.0	Onshore Wind Turbine	WND	WT
2014	12	50127	Exergy Development Group	IPP	Chapin Mountain	ID	57142	CM	19.5	Onshore Wind Turbine	WND	WT
2014	12	50127	Exergy Development Group	IPP	Conner Ridge	ID	57147	CR	19.5	Onshore Wind Turbine	WND	WT
2014	12	50127	Exergy Development Group	IPP	Cottonwood Wind Park	ID	57144	JR20	20.0	Onshore Wind Turbine	WND	WT
2014	12	50127	Exergy Development Group	IPP	Deep Creek Wind Park	ID	57146	JR1	20.0	Onshore Wind Turbine	WND	WT
2014	12	50127	Exergy Development Group	IPP	Lava Beds Wind Park LLC	ID	56436	LBWP	18.0	Onshore Wind Turbine	WND	WT
2014	12	50127	Exergy Development Group	IPP	Notch Butte Wind Park	ID	56438	NBWP	18.0	Onshore Wind Turbine	WND	WT
2014	12	50127	Exergy Development Group	IPP	Rogerson Flats	ID	57145	RF	20.0	Onshore Wind Turbine	WND	WT
2014	12	50127	Exergy Development Group	IPP	Salmon Creek	ID	57150	SC	20.0	Onshore Wind Turbine	WND	WT
2014	12	56625	Flat Water Wind Farm LLC	IPP	Flat Water Wind Farm	NE	57283	WTG2	10.5	Onshore Wind Turbine	WND	WT
2014	12	58259	Freetown Solar LLC	IPP	Freetown Solar	MA	58283	1	5.0	Solar Photovoltaic	SUN	PV
2014	12	58412	Headwaters Wind Farm LLC	IPP	Headwaters Wind Farm LLC	IN	58416	1	200.0	Onshore Wind Turbine	WND	WT
2014	12	58695	Heliosage LLC	IPP	Albemarle Solar Center LLC	NC	58806	ASC1	5.0	Solar Photovoltaic	SUN	PV
2014	12	58695	Heliosage LLC	IPP	Boseman Solar Center LLC	NC	58807	BSC1	5.0	Solar Photovoltaic	SUN	PV
2014	12	58695	Heliosage LLC	IPP	Flemming Solar Center LLC	NC	58808	FSC1	5.0	Solar Photovoltaic	SUN	PV
2014	12	58695	Heliosage LLC	IPP	Littlefield Solar Center LLC	NC	58809	LSC1	5.0	Solar Photovoltaic	SUN	PV
2014	12	58695	Heliosage LLC	IPP	Rams Horn Solar Center LLC	NC	58810	RHSC1	5.0	Solar Photovoltaic	SUN	PV
2014	12	58695	Heliosage LLC	IPP	Upchurch Solar Center LLC	NC	58812	USC1	5.0	Solar Photovoltaic	SUN	PV
2014	12	15399	Iberdrola Renewables Inc	IPP	Dolan Springs	AZ	57920	1	300.0	Onshore Wind Turbine	WND	WT
2014	12	15399	Iberdrola Renewables Inc	IPP	Penascal III	TX	57927	1	201.6	Onshore Wind Turbine	WND	WT
2014	12	15399	Iberdrola Renewables Inc	IPP	Tule Wind LLC	CA	57913	1	143.0	Onshore Wind Turbine	WND	WT
2014	12	57193	K Road Moapa Solar LLC	IPP	K Road Moapa Solar	NV	57859	1	250.0	Solar Photovoltaic	SUN	PV
2014	12	56911	Kalaeloa Solar One LLC	IPP	Kalaeloa Solar One	HI	57569	KS1-A	3.1	Solar Thermal with Energy Storage	SUN	CP
2014	12	56911	Kalaeloa Solar One LLC	IPP	Kalaeloa Solar One	HI	57569	KS1-B	3.1	Solar Thermal with Energy Storage	SUN	CP
2014	12	58673	Longhorn Holdings, LLC	IPP	Longhorn Holdings	NC	58781	PV1	5.0	Solar Photovoltaic	SUN	PV
2014	12	58598	Mass Solar, LLC	IPP	Braley Road 2	MA	58680	PV1	2.7	Solar Photovoltaic	SUN	PV
2014	12	12686	Mississippi Power Co	Electric Utility	Kemper County IGCC Project	MS	57037	1A	157.6	Coal Integrated Gasification Combined Cycle	SGC	CT
2014	12	12686	Mississippi Power Co	Electric Utility	Kemper County IGCC Project	MS	57037	1B	157.6	Coal Integrated Gasification Combined Cycle	SGC	CT
2014	12	12686	Mississippi Power Co	Electric Utility	Kemper County IGCC Project	MS	57037	1C	206.5	Coal Integrated Gasification Combined Cycle	SGC	CA
2014	12	57470	Noble Energy Systems, Inc.	IPP	Pea Patch Wind Farm	MD	58087	PEAP	50.0	Onshore Wind Turbine	WND	WT
2014	12	55868	Noble Wind Operations LLC	IPP	Noble Bellmont Windpark LLC	NY	56903	1	21.0	Onshore Wind Turbine	WND	WT
2014	12	58477	O2energies, Inc.	IPP	Biscoe Solar LLC	NC	58667	BISCO	5.0	Solar Photovoltaic	SUN	PV
2014	12	58477	O2energies, Inc.	IPP	Chocowinity Solar LLC	NC	58675	CHOCO	5.0	Solar Photovoltaic	SUN	PV
2014	12	58477	O2energies, Inc.	IPP	Cirrus Solar LLC	NC	58674	CIRRU	5.0	Solar Photovoltaic	SUN	PV
2014	12	58477	O2energies, Inc.	IPP	Gates Solar LLC	NC	58673	GATES	5.0	Solar Photovoltaic	SUN	PV
2014	12	58477	O2energies, Inc.	IPP	Montgomery Solar LLC	NC	58649	1	20.0	Solar Photovoltaic	SUN	PV
2014	12	58477	O2energies, Inc.	IPP	Rockwell Solar LLC	NC	58668	ROCKW	3.5	Solar Photovoltaic	SUN	PV
2014	12	58477	O2energies, Inc.	IPP	Selma Solar LLC	NC	58669	SELMA	5.0	Solar Photovoltaic	SUN	PV
2014	12	58477	O2energies, Inc.	IPP	Turkey Branch Solar LLC	NC	58670	TURKY	5.0	Solar Photovoltaic	SUN	PV
2014	12	56937	Rising Tree Wind Farm LLC	IPP	Rising Tree Wind Farm	CA	57621	GEN1	100.0	Onshore Wind Turbine	WND	WT
2014	12	57331	Soitec Solar Development LLC	IPP	Desert Green Solar Farm LLC	CA	57959	1	5.0	Solar Photovoltaic	SUN	PV
2014	12	58658	Sunlight Partners	IPP	Elliana Solar	NC	58725	PV1	5.0	Solar Photovoltaic	SUN	PV
2014	12	58658	Sunlight Partners	IPP	Owen Solar	NC	58742	PV1	5.0	Solar Photovoltaic	SUN	PV
2014	12	58414	Victor Dry Farm Ranch	IPP	Victor Dry Farm Ranch A	CA	58418	1	5.0	Solar Photovoltaic	SUN	PV
2014	12	58414	Victor Dry Farm Ranch	IPP	Victor Dry Farm Ranch B	CA	58419	1	5.0	Solar Photovoltaic	SUN	PV
2014	12	19876	Virginia Electric & Power Co	Electric Utility	Warren County VA	VA	55939	CT01	256.0	Natural Gas Fired Combined Cycle	NG	CT
2014	12	19876	Virginia Electric & Power Co	Electric Utility	Warren County VA	VA	55939	CT02	256.0	Natural Gas Fired Combined Cycle	NG	CT
2014	12	19876	Virginia Electric & Power Co	Electric Utility	Warren County VA	VA	55939	CT03	256.0	Natural Gas Fired Combined Cycle	NG	CT
2014	12	19876	Virginia Electric & Power Co	Electric Utility	Warren County VA	VA	55939	ST01	561.0	Natural Gas Fired Combined Cycle	NG	CA
2014	12	54842	WM Renewable Energy LLC	IPP	Waste Management Tri-Cities LFGTE	CA	57164	GEN1	1.6	Landfill Gas	LFG	IC
2014	12	54842	WM Renewable Energy LLC	IPP	Waste Management Tri-Cities LFGTE	CA	57164	GEN2	1.6	Landfill Gas	LFG	IC
2014	12	54842	WM Renewable Energy LLC	IPP	Waste Management Tri-Cities LFGTE	CA	57164	GEN3	1.6	Landfill Gas	LFG	IC
2015	1	58680	Ayrshire Holdings, LLC	IPP	Ayrshire	NC	58792	PV1	17.6	Solar Photovoltaic	SUN	PV
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	58562	Blueberry One, LLC	IPP	Blueberry One	NC	58605	PV1	5.0	Solar Photovoltaic	SUN	PV
2015	1	58391	Chilocco Wind Farm LLC	IPP	Chilocco Wind Farm	OK	58406	1	76.5	Onshore Wind Turbine	WND	WT
2015	1	58391	Chilocco Wind Farm LLC	IPP	Chilocco Wind Farm	OK	58406	2	76.5	Onshore Wind Turbine	WND	WT
2015	1	58576	Holstein Holdings, LLC	IPP	Holstein Plant	NC	58623	PV1	20.0	Solar Photovoltaic	SUN	PV
2015	1	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS12	52.6	Solar Photovoltaic	SUN	PV
2015	1	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS24	43.0	Solar Photovoltaic	SUN	PV
2015	1	57028	West Butte Wind Power LLC	IPP	West Butte Wind Power Project	OR	57704	WB-1	80.0	Onshore Wind Turbine	WND	WT
2015	2	40577	American Mun Power-Ohio, Inc	Electric Utility	Willow Island Hydroelectric Plant	WV	57401	WIG1	22.0	Conventional Hydroelectric	WAT	HY
2015	2	56615	First Solar Energy LLC	IPP	Topaz Solar Farm	CA	57695	TPZ5	166.0	Solar Photovoltaic	SUN	PV
2015	2	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	1	18.5	Other Natural Gas	NG	IC
2015	2	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	10	18.5	Other Natural Gas	NG	IC
2015	2	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	11	18.5	Other Natural Gas	NG	IC
2015	2	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	12	18.5	Other Natural Gas	NG	IC
2015	2	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	2	18.5	Other Natural Gas	NG	IC
2015	2	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	3	18.5	Other Natural Gas	NG	IC
2015	2	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	4	18.5	Other Natural Gas	NG	IC
2015	2	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	5	18.5	Other Natural Gas	NG	IC
2015	2	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	6	18.5	Other Natural Gas	NG	IC
2015	2	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	7	18.5	Other Natural Gas	NG	IC
2015	2	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	8	18.5	Other Natural Gas	NG	IC
2015	2	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	9	18.5	Other Natural Gas	NG	IC
2015	3	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG2	25.3	Conventional Hydroelectric	WAT	HY
2015	3	40577	American Mun Power-Ohio, Inc	Electric Utility	Willow Island Hydroelectric Plant	WV	57401	WIG2	22.0	Conventional Hydroelectric	WAT	HY
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	57277	Hidden Hills Solar I LLC	IPP	Hidden Hills Solar Plant 1	CA	57905	1	250.0	Solar Thermal without Energy Storage	SUN	ST
2015	3	10071	Kauai Island Utility Cooperative	Electric Utility	KRS I Anahola Solar	HI	58639	ANAPV	12.0	Solar Photovoltaic	SUN	PV
2015	3	12199	Montana-Dakota Utilities Co	Electric Utility	R M Heskett	ND	2790	3	88.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	3	58589	Orbit Energy Charlotte	IPP	Orbit Energy Charlotte	NC	58638	1	2.0	Other Waste Biomass	OBG	ST
2015	3	56855	Performance Services	IPP	Purdue Energy Park	IN	57518	1	20.0	Onshore Wind Turbine	WND	WT
2015	3	15248	Portland General Electric Co	Electric Utility	Tucannon River Wind Farm	WA	58571	1	266.8	Onshore Wind Turbine	WND	WT
2015	3	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN1	4.2	Other Natural Gas	NG	IC
2015	3	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN2	4.2	Other Natural Gas	NG	IC
2015	3	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN3	4.2	Other Natural Gas	NG	IC
2015	3	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN4	4.2	Other Natural Gas	NG	IC
2015	3	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN5	4.2	Other Natural Gas	NG	IC
2015	3	58707	Torch Renewable Energy LLC	IPP	Red Horse 2	AZ	58833	RH2S	41.0	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

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
2015	3	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-1	0.5	Solar Photovoltaic	SUN	PV
2015	3	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-2	0.5	Solar Photovoltaic	SUN	PV
2015	3	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-3	0.5	Solar Photovoltaic	SUN	PV
2015	3	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-4	0.5	Solar Photovoltaic	SUN	PV
2015	3	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-5	0.5	Solar Photovoltaic	SUN	PV
2015	4	58603	Aloha Solar Energy Fund I LLC	IPP	Aloha Solar Energy Fund 1 PK1	HI	58659	PK-1	5.0	Solar Photovoltaic	SUN	PV
2015	4	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG3	25.3	Conventional Hydroelectric	WAT	HY
2015	4	58703	Apple One LLC	IPP	Apple One	NC	58828	PV1	5.0	Solar Photovoltaic	SUN	PV
2015	4	5701	El Paso Electric Co	Electric Utility	Montana Power Station	TX	58562	GT-2	100.0	Natural Gas Fired Combustion Turbine	NG	GT
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	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507	1	156.0	Natural Gas Fired Combined Cycle	NG	CT
2015	4	56167	Imperial Valley Solar, LLC	IPP	Imperial Valley Solar, LLC	CA	56917	2	400.0	Solar Photovoltaic	SUN	PV
2015	4	57411	KDC Solar O&M LLC	Commercial	Mountain Creek Solar Facility	NJ	58364	MC	4.6	Solar Photovoltaic	SUN	PV
2015	4	58679	Kirkwall Holdings, LLC	IPP	Kirkwall Holdings	NC	58791	PV1	5.0	Solar Photovoltaic	SUN	PV
2015	4	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS11	52.6	Solar Photovoltaic	SUN	PV
2015	4	58674	Sonne One, LLC	IPP	Sonne One	NC	58782	PV1	5.0	Solar Photovoltaic	SUN	PV
2015	4	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPS51	15.0	Solar Photovoltaic	SUN	PV
2015	5	58706	67RK 8me LLC	IPP	Redcrest Solar Farm	CA	58831	PV-1	20.0	Solar Photovoltaic	SUN	PV
2015	5	5906	EDF Renewable Services Inc	IPP	Longhorn Wind	TX	58772	GEN1	200.0	Onshore Wind Turbine	WND	WT
2015	5	11241	Entergy Louisiana Inc	Electric Utility	Nine Mile Point	LA	1403	6	561.0	Other Natural Gas	NG	CC
2015	5	7349	Golden Spread Electric Cooperative, Inc	IPP	Elk Station	TX	58835	ELK1	189.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	49893	Invenergy Services LLC	IPP	Buckeye Wind Energy Center	KS	58767	1	25.9	Onshore Wind Turbine	WND	WT
2015	5	49893	Invenergy Services LLC	IPP	Buckeye Wind Energy Center	KS	58767	2	70.3	Onshore Wind Turbine	WND	WT
2015	5	49893	Invenergy Services LLC	IPP	Buckeye Wind Energy Center	KS	58767	3	105.5	Onshore Wind Turbine	WND	WT
2015	5	49893	Invenergy Services LLC	IPP	Wake Wind Energy Center	TX	58766	1	129.5	Onshore Wind Turbine	WND	WT
2015	5	49893	Invenergy Services LLC	IPP	Wake Wind Energy Center	TX	58766	2	109.2	Onshore Wind Turbine	WND	WT
2015	5	49893	Invenergy Services LLC	IPP	Wake Wind Energy Center	TX	58766	3	61.1	Onshore Wind Turbine	WND	WT
2015	5	11208	Los Angeles Department of Water & Power	Electric Utility	Van Norman Bypass Solar Project	CA	57307	1	3.0	Solar Photovoltaic	SUN	PV
2015	5	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	7	640.0	Other Natural Gas	NG	CC
2015	5	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS14	32.2	Solar Photovoltaic	SUN	PV
2015	5	58616	Osage Wind, LLC	IPP	Osage Wind, LLC	OK	58683	1	150.4	Onshore Wind Turbine	WND	WT
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
2015	5	55510	Tiverton Power LLC	IPP	Tiverton Power Plant	RI	55048	UNT3	159.4	Natural Gas Fired Combined Cycle	NG	CT
2015	5	55510	Tiverton Power LLC	IPP	Tiverton Power Plant	RI	55048	UNT4	90.6	Natural Gas Fired Combined Cycle	NG	CA
2015	6	56031	CPV Maryland LLC	IPP	CPV St Charles Energy Center	MD	56846	GTG1	205.0	Natural Gas Fired Combined Cycle	NG	CT
2015	6	56031	CPV Maryland LLC	IPP	CPV St Charles Energy Center	MD	56846	GTG2	205.0	Natural Gas Fired Combined Cycle	NG	CT
2015	6	56031	CPV Maryland LLC	IPP	CPV St Charles Energy Center	MD	56846	STGEN	316.0	Natural Gas Fired Combined Cycle	NG	CA
2015	6	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57839	CT001	240.0	Other Natural Gas	NG	CC
2015	6	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57839	CT002	240.0	Other Natural Gas	NG	CC
2015	6	2338	Calpine Central LP	IPP	Mankato Energy Center	MN	56104	CTG1	200.0	Natural Gas Fired Combined Cycle	NG	CT
2015	6	918	City of Aspen- (CO)	Electric Utility	Castle Creek Hydroplant	CO	56566	1	1.2	Conventional Hydroelectric	WAT	HY
2015	6	19856	City of Vineland - (NJ)	Electric Utility	Clayville	NJ	58235	1	63.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	56615	First Solar Energy LLC	IPP	North Star Solar	CA	58713	NSTR	62.5	Solar Photovoltaic	SUN	PV
2015	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN5	4.2	Other Natural Gas	NG	IC
2015	6	56691	Garrison Energy Center LLC	IPP	Garrison Energy Center LLC	DE	57349	CTG1	183.0	Natural Gas Fired Combined Cycle	NG	CT
2015	6	56691	Garrison Energy Center LLC	IPP	Garrison Energy Center LLC	DE	57349	STG2	126.0	Natural Gas Fired Combined Cycle	NG	CA
2015	6	7801	Gulf Power Co	Electric Utility	Perdido	FL	57502	3	1.5	Landfill Gas	LFG	IC
2015	6	10379	Klamath Generation LLC	Electric CHP	Klamath	OR	56019	CT-1	162.0	Natural Gas Fired Combined Cycle	NG	CT
2015	6	10379	Klamath Generation LLC	Electric CHP	Klamath	OR	56019	CT-2	162.0	Natural Gas Fired Combined Cycle	NG	CT
2015	6	10379	Klamath Generation LLC	IPP	Klamath	OR	56019	ST-1	220.0	Natural Gas Fired Combined Cycle	NG	CA
2015	6	58606	Mauka Fit One LLC	IPP	Mauka FIT One	HI	58662	3501	3.5	Solar Photovoltaic	SUN	PV
2015	6	58588	National Solar Power Partners LLC	IPP	Hardee County Solar Farms 1 LLC	FL	58637	HCSF1	20.0	Solar Photovoltaic	SUN	PV
2015	6	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	CTG-3	204.0	Natural Gas Fired Combined Cycle	NG	CT
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
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
2015	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	10A	122.0	Conventional Hydroelectric	WAT	HY
2015	6	40192	Shady Hills Power Co LLC	IPP	Shady Hills Generating Station	FL	55414	G401	200.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	40192	Shady Hills Power Co LLC	IPP	Shady Hills Generating Station	FL	55414	G501	200.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	57331	Soitec Solar Development LLC	IPP	LanEast Solar Farm LLC	CA	57957	1	20.2	Solar Photovoltaic	SUN	PV
2015	6	57331	Soitec Solar Development LLC	IPP	LanWest Solar Farm LLC	CA	57958	1	5.4	Solar Photovoltaic	SUN	PV
2015	6	57331	Soitec Solar Development LLC	IPP	Rugged Solar LLC	CA	57960	1	80.0	Solar Photovoltaic	SUN	PV
2015	6	57331	Soitec Solar Development LLC	IPP	Tierra Del Sol Solar Farm LLC	CA	57961	1	45.0	Solar Photovoltaic	SUN	PV
2015	6	58707	Torch Renewable Energy LLC	IPP	Red Horse 2	AZ	58833	RH2W	30.0	Onshore Wind Turbine	WND	WT
2015	6	58602	Utah Red Hills Renewable Energy Park LLC	IPP	Utah Red Hills Renewable Energy Park	UT	58660	1	80.0	Solar Photovoltaic	SUN	PV
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-1	0.5	Solar Photovoltaic	SUN	PV
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-2	0.5	Solar Photovoltaic	SUN	PV
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-3	0.5	Solar Photovoltaic	SUN	PV
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-4	0.5	Solar Photovoltaic	SUN	PV
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-5	0.5	Solar Photovoltaic	SUN	PV
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-6	0.5	Solar Photovoltaic	SUN	PV
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-7	0.5	Solar Photovoltaic	SUN	PV
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-8	0.5	Solar Photovoltaic	SUN	PV
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-9	0.5	Solar Photovoltaic	SUN	PV
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV10	0.5	Solar Photovoltaic	SUN	PV
2015	6	20159	Washington Parish Engy Ctr LLC	IPP	Washington Parish Energy Center	LA	55486	CTG1	172.0	Natural Gas Fired Combined Cycle	NG	CT
2015	6	20159	Washington Parish Engy Ctr LLC	IPP	Washington Parish Energy Center	LA	55486	CTG2	172.0	Natural Gas Fired Combined Cycle	NG	CT
2015	6	20159	Washington Parish Engy Ctr LLC	IPP	Washington Parish Energy Center	LA	55486	ST1	215.0	Natural Gas Fired Combined Cycle	NG	CA
2015	7	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG1	25.3	Conventional Hydroelectric	WAT	HY
2015	7	58554	Beryl Solar, LLC	IPP	Beryl Solar Plant	UT	58598	BSP1	3.0	Solar Photovoltaic	SUN	PV
2015	7	58662	Blue Mountain Power Partners	IPP	Blue Mountain Wind Farm	UT	58764	BM1	80.0	Onshore Wind Turbine	WND	WT
2015	7	58557	Buckhorn Solar, LLC	IPP	Buckhorn Solar Plant	UT	58600	BSP1	3.0	Solar Photovoltaic	SUN	PV
2015	7	58556	Cedar Valley Solar, LLC	IPP	Cedar Valley Solar Plant	UT	58599	CVSP1	3.0	Solar Photovoltaic	SUN	PV
2015	7	58561	Granite Peak Solar, LLC	IPP	Granite Peak Solar Plant	UT	58604	GPSP1	3.0	Solar Photovoltaic	SUN	PV
2015	7	58560	Greenville Solar, LLC	IPP	Greenville Solar Plant	UT	58603	GVSP1	2.2	Solar Photovoltaic	SUN	PV
2015	7	57457	Hess NEC, LLC	IPP	Newark Energy Center	NJ	58079	GT-1	200.0	Natural Gas Fired Combined Cycle	NG	CT
2015	7	57457	Hess NEC, LLC	IPP	Newark Energy Center	NJ	58079	GT-2	200.0	Natural Gas Fired Combined Cycle	NG	CT
2015	7	57457	Hess NEC, LLC	IPP	Newark Energy Center	NJ	58079	STG-1	285.0	Natural Gas Fired Combined Cycle	NG	CA
2015	7	58559	Laho Solar, LLC	IPP	Laho Solar Plant	UT	58602	LSP1	3.0	Solar Photovoltaic	SUN	PV
2015	7	11208	Los Angeles Department of Water & Power	Commercial	VA Sepulveda Ambulatory Care Center	CA	58249	GEN1	3.5	Solar Photovoltaic	SUN	PV
2015	7	58558	Milford Flat Solar, LLC	IPP	Milford Flat Solar Plant	UT	58601	MFSP1	3.0	Solar Photovoltaic	SUN	PV
2015	7	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	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
2015	8	56814	Black Creek Renewable Energy LLC	IPP	Sampson County Landfill	NC	57492	GEN7	1.6	Landfill Gas	LFG	IC
2015	8	57406	Deepwater Wind Block Island LLC	IPP	Block Island Wind Farm	RI	58035	BIWF	29.3	Offshore Wind Turbine	WND	WS
2015	8	49893	Invenergy Services LLC	IPP	Ector County Energy Center	TX	58471	CTG1	163.3	Natural Gas Fired Combustion Turbine	NG	GT
2015	8	49893	Invenergy Services LLC	IPP	Ector County Energy Center	TX	58471	CTG2	163.3	Natural Gas Fired Combustion Turbine	NG	GT
2015	8	49805	Kennecott Utah Copper	Industrial	Kennecott Power Plant	UT	56163	MCHP	5.9	Natural Gas Fired Combustion Turbine	NG	GT
2015	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	8A	122.0	Conventional Hydroelectric	WAT	HY
2015	8	58613	Route 66 Wind Power LLC	IPP	Route 66 Wind Plant	TX	58681	RT661	150.0	Onshore Wind Turbine	WND	WT
2015	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN1	4.2	Other Natural Gas	NG	IC
2015	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN2	4.2	Other Natural Gas	NG	IC
2015	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN3	4.2	Other Natural Gas	NG	IC
2015	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN4	4.2	Other Natural Gas	NG	IC
2015	9	58687	Bayles Energy LLC	IPP	Bayles	PA	58816	GEN5	4.2	Other Natural Gas	NG	IC
2015	9	56266	Green Gas-Pioneer Crossing Energy LLC	IPP	Pioneer Crossing Landfill Gas to Energy	PA	56957	LFG5	1.6	Landfill Gas	LFG	IC
2015	9	56266	Green Gas-Pioneer Crossing Energy LLC	IPP	Pioneer Crossing Landfill Gas to Energy	PA	56957	LFG6	1.6	Landfill Gas	LFG	IC

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
2015	9	57278	Hidden Hills Solar II LLC	IPP	Hidden Hills Solar Plant 2	CA	57906	1	250.0	Solar Thermal without Energy Storage	SUN	ST
2015	9	15399	Iberdrola Renewables Inc	Electric CHP	Lakeview Cogeneration LLC	OR	57398	1	24.0	Other Waste Biomass	OBS	ST
2015	9	58609	OwnEnergy Inc	IPP	Alexander Wind Farm LLC	KS	58666	1	48.3	Onshore Wind Turbine	WND	WT
2015	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG1	101.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG2	101.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG3	101.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	9	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPS50	49.9	Solar Photovoltaic	SUN	PV
2015	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
2015	10	5580	East Kentucky Power Coop, Inc	Electric Utility	Green Valley LFGTE	KY	56278	4	0.8	Landfill Gas	LFG	IC
2015	10	56282	Evergreen Wind Power II LLC	IPP	Oakfield Wind Project	ME	57002	1	148.0	Onshore Wind Turbine	WND	WT
2015	10	56791	Hudson Ranch Power I LLC	IPP	Hudson Ranch Power II LLC	CA	58211	HR2	49.0	Geothermal	GEO	ST
2015	10	26253	Louisiana Energy & Power Authority	Electric Utility	Morgan City CC Youngs Road	LA	58478	LEPA1	79.0	Other Natural Gas	NG	CC
2015	11	58574	Canton Mountain Wind LLC	IPP	Canton Mountain Wind	ME	58620	1	22.8	Onshore Wind Turbine	WND	WT
2015	11	5906	EDF Renewable Services Inc	IPP	Roosevelt County	NM	58771	GEN1	300.0	Onshore Wind Turbine	WND	WT
2015	12	56524	Baca Energy LLC	IPP	Baca Renewable Energy LLC	CO	57175	BACA1	75.0	Onshore Wind Turbine	WND	WT
2015	12	58625	Black Oak Wind, LLC	IPP	Black Oak Wind Farm	MN	58692	1	40.0	Onshore Wind Turbine	WND	WT
2015	12	57260	CSOLAR IV West LLC	IPP	Imperial Solar Energy Center West	CA	57491	56819	148.7	Solar Photovoltaic	SUN	PV
2015	12	56872	Contra Costa Generating Station LLC	IPP	Oakley Generating Station	CA	57552	CT1	197.3	Natural Gas Fired Combined Cycle	NG	CT
2015	12	56872	Contra Costa Generating Station LLC	IPP	Oakley Generating Station	CA	57552	CT2	197.3	Natural Gas Fired Combined Cycle	NG	CT
2015	12	56872	Contra Costa Generating Station LLC	IPP	Oakley Generating Station	CA	57552	ST	191.3	Natural Gas Fired Combined Cycle	NG	CA
2015	12	58642	East Kapolei Solar LLC	IPP	EKS Solar Farm	HI	58705	PV1	5.0	Solar Photovoltaic	SUN	PV
2015	12	49932	Enel North America, Inc.	IPP	Apple Blossom Wind Farm	MI	58690	APLB1	100.0	Onshore Wind Turbine	WND	WT
2015	12	49932	Enel North America, Inc.	IPP	Odell Wind Farm	MN	58657	1	200.0	Onshore Wind Turbine	WND	WT
2015	12	28086	Energy Unlimited Inc	IPP	Painted Hills IV Wind	CA	56926	1	19.5	Onshore Wind Turbine	WND	WT
2015	12	58672	Everpower Wind Holdings Inc	IPP	Buckeye Wind Farm	OH	58776	1	200.0	Onshore Wind Turbine	WND	WT
2015	12	58146	Gaelectric LLC	IPP	Jawbone Wind Project	MT	58175	JWPI	131.1	Onshore Wind Turbine	WND	WT
2015	12	58614	Hancock Wind LLC	IPP	Hancock Wind Plant	ME	58686	HANC1	51.0	Onshore Wind Turbine	WND	WT
2015	12	15399	Iberdrola Renewables Inc	IPP	El Cabo Wind	NM	58098	1	298.0	Onshore Wind Turbine	WND	WT
2015	12	56633	Lake Country Wind Energy	IPP	Lake Country Wind Energy	MN	57255	1	40.0	Onshore Wind Turbine	WND	WT
2015	12	55910	Lanai Sustainability Research LLC	IPP	Miliani South Solar Farm	HI	57242	1	5.0	Solar Photovoltaic	SUN	PV
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	4		Other Natural Gas	NG	CC
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	5		Other Natural Gas	NG	CC
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	6	95.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	7	95.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	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
2015	12	56873	Milford Wind Corridor Phase III LLC	IPP	Milford Wind Corridor Phase III	UT	57546	1	100.0	Onshore Wind Turbine	WND	WT
2015	12	58257	Miliani South PV LLC	IPP	Miliani South PV	HI	58281	1	5.0	Solar Photovoltaic	SUN	PV
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
2015	12	58417	Panda Liberty O&M LLC	IPP	Panda Liberty Generation Plant	PA	58420	GEN1	382.5	Other Natural Gas	NG	CC
2015	12	56545	Pattern Operators LP	IPP	Ripley Westfield Wind LLC	NY	57193	WTG	75.0	Onshore Wind Turbine	WND	WT
2015	12	56545	Pattern Operators LP	IPP	Texas Gulf Wind 2	TX	56662	1	187.2	Onshore Wind Turbine	WND	WT
2015	12	58626	Paynesville Wind, LLC	IPP	Paynesville Wind Farm	MN	58693	1	95.0	Onshore Wind Turbine	WND	WT
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	5	173.4	Natural Gas Fired Combined Cycle	NG	CT
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	6	173.4	Natural Gas Fired Combined Cycle	NG	CT
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	7	241.4	Natural Gas Fired Combined Cycle	NG	CA
2015	12	58690	Red Glen Energy LLC	IPP	Red Glen	PA	58819	GEN1	4.2	Other Natural Gas	NG	IC
2015	12	58690	Red Glen Energy LLC	IPP	Red Glen	PA	58819	GEN2	4.2	Other Natural Gas	NG	IC
2015	12	58690	Red Glen Energy LLC	IPP	Red Glen	PA	58819	GEN3	4.2	Other Natural Gas	NG	IC
2015	12	58690	Red Glen Energy LLC	IPP	Red Glen	PA	58819	GEN4	4.2	Other Natural Gas	NG	IC
2015	12	58690	Red Glen Energy LLC	IPP	Red Glen	PA	58819	GEN5	4.2	Other Natural Gas	NG	IC
2015	12	58168	Rio Mesa Solar I LLC	IPP	Rio Mesa SEGF 1		58188	1	250.0	Solar Thermal without Energy Storage	SUN	ST
2015	12	56789	TBE Montgomery LLC	IPP	TBE-Montgomery LLC	NY	57472	CTG	11.6	Other Waste Biomass	OBG	CT
2015	12	56789	TBE Montgomery LLC	IPP	TBE-Montgomery LLC	NY	57472	STG	7.4	Other Waste Biomass	OBG	CA
2015	12	18642	Tennessee Valley Authority	Electric Utility	Watts Bar Nuclear Plant	TN	7722	2	1,122.0	Nuclear	NUC	ST
2015	12	2782	Terra-Gen Operating Company	IPP	Dixie Valley Power Partnership	NV	10681	GEN1	25.0	Geothermal	GEO	ST
2015	12	19316	Two Elk Generation Partners LP	IPP	Two Elk Generating Station	WY	55360	GEN1	275.0	Conventional Steam Coal	WC	ST
2015	12	58624	Walnut Ridge Wind, LLC	IPP	Walnut Ridge Wind Farm	IL	58694	1	210.0	Onshore Wind Turbine	WND	WT
2015	12	56948	Waverly Wind Farm LLC	IPP	Waverly Wind Farm LLC	KS	57614	GEN1	200.0	Onshore Wind Turbine	WND	WT
2016	1	56534	Cricket Valley Energy Center LLC	IPP	Cricket Valley Energy	NY	57185	U001	346.0	Other Natural Gas	NG	CC
2016	1	56534	Cricket Valley Energy Center LLC	IPP	Cricket Valley Energy	NY	57185	U002	346.0	Other Natural Gas	NG	CC
2016	1	56534	Cricket Valley Energy Center LLC	IPP	Cricket Valley Energy	NY	57185	U003	346.0	Other Natural Gas	NG	CC
2016	1	25438	Friant Power Authority	IPP	Friant Hydro Facility	CA	50393	RO2	9.0	Conventional Hydroelectric	WAT	HY
2016	1	58378	Jordan Hydroelectric LTD PTP	IPP	Flannagan Hydroelectric Project	VA	58827	LEFT	0.9	Conventional Hydroelectric	WAT	HY
2016	1	58378	Jordan Hydroelectric LTD PTP	IPP	Flannagan Hydroelectric Project	VA	58827	RGHT	0.9	Conventional Hydroelectric	WAT	HY
2016	2	58417	Panda Liberty O&M LLC	IPP	Panda Liberty Generation Plant	PA	58420	GEN2	382.5	Other Natural Gas	NG	CC
2016	3	58684	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN1	4.2	Other Natural Gas	NG	IC
2016	3	58684	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN2	4.2	Other Natural Gas	NG	IC
2016	3	58684	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN3	4.2	Other Natural Gas	NG	IC
2016	3	58684	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN4	4.2	Other Natural Gas	NG	IC
2016	3	58684	Hop Bottom Energy LLC	IPP	Hop Bottom	PA	58800	GEN5	4.2	Other Natural Gas	NG	IC
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN1	4.2	Other Natural Gas	NG	IC
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN2	4.2	Other Natural Gas	NG	IC
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN3	4.2	Other Natural Gas	NG	IC
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN4	4.2	Other Natural Gas	NG	IC
2016	3	58689	Milan Energy LLC	IPP	Milan	PA	58818	GEN5	4.2	Other Natural Gas	NG	IC
2016	3	58421	Panda Patriot O&M LLC	IPP	Panda Patriot Generation Plant	PA	58426	GEN1	382.5	Other Natural Gas	NG	CC
2016	3	15473	Public Service Co of NM	Electric Utility	La Luz Energy Center	NM	58284	0001	40.2	Natural Gas Fired Combustion Turbine	NG	GT
2016	3	58169	Rio Mesa Solar II LLC	IPP	Rio Mesa SEGF 2	CA	58189	1	250.0	Solar Thermal without Energy Storage	SUN	ST
2016	4	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	9A	122.0	Conventional Hydroelectric	WAT	HY
2016	4	54866	Robinson Power Company LLC	Electric CHP	Robinson Power Company LLC	PA	56453	1	132.0	Conventional Steam Coal	BIT	ST
2016	4	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPS52	14.9	Solar Photovoltaic	SUN	PV
2016	5	867	ARCO Products Co-Watson	Industrial	Watson Cogeneration	CA	50216	GN97	79.6	Natural Gas Fired Combined Cycle	NG	CT
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
2016	5	58597	Enivromission, Inc	IPP	La Paz Solar Tower	AZ	58652	1	200.0	Solar Thermal without Energy Storage	SUN	OT
2016	5	58421	Panda Patriot O&M LLC	IPP	Panda Patriot Generation Plant	PA	58426	GEN2	382.5	Other Natural Gas	NG	CC
2016	5	15248	Portland General Electric Co	Electric Utility	Carty Generating Station	OR	58503	GEN1	500.0	Other Natural Gas	NG	CC
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
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
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
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
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN1	4.2	Other Natural Gas	NG	IC
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN2	4.2	Other Natural Gas	NG	IC
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN3	4.2	Other Natural Gas	NG	IC
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN4	4.2	Other Natural Gas	NG	IC
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN5	4.2	Other Natural Gas	NG	IC
2016	6	56290	CPV Vaca Station LLC	IPP	CPV Vaca Station LLC	CA	56999	CTG1	189.0	Natural Gas Fired Combined Cycle	NG	CT
2016	6	56290	CPV Vaca Station LLC	IPP	CPV Vaca Station LLC	CA	56999	CTG2	189.0	Natural Gas Fired Combined Cycle	NG	CT
2016	6	56290	CPV Vaca Station LLC	IPP	CPV Vaca Station LLC	CA	56999	STG	198.0	Natural Gas Fired Combined Cycle	NG	CA
2016	6	56204	CPV Valley LLC	IPP	CPV Valley Energy Center	NY	56940	CTG2	186.5	Natural Gas Fired Combined Cycle	NG	CT
2016	6	56204	CPV Valley LLC	IPP	CPV Valley Energy Center	NY	56940	STG	305.0	Natural Gas Fired Combined Cycle	NG	CA
2016	6	40215	Cordova Electric Coop, Inc	Electric Utility	Orca	AK	789	1	1.5	Petroleum Liquids	DFO	IC
2016	6	40215	Cordova Electric Coop, Inc	Electric Utility	Orca	AK	789	2	1.5	Petroleum Liquids	DFO	IC
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	12-2		Natural Gas Fired Combined Cycle	NG	CT
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	12-3		Natural Gas Fired Combined Cycle	NG	CA
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN1	4.2	Other Natural Gas	NG	IC
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN2	4.2	Other Natural Gas	NG	IC
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN3	4.2	Other Natural Gas	NG	IC

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
2016	6	58692	Florey Knob LLC	IPP	Florey Knobb	PA	58821	GEN4	4.2	Other Natural Gas	NG	IC
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5A	1,260.0	Natural Gas Fired Combined Cycle	NG	CT
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5B		Natural Gas Fired Combined Cycle	NG	CT
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5C		Natural Gas Fired Combined Cycle	NG	CT
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5ST		Natural Gas Fired Combined Cycle	NG	CA
2016	6	58409	Future Power PA	Electric CHP	Good Spring NGCC	PA	58409	GT1	225.0	Other Natural Gas	NG	CC
2016	6	58409	Future Power PA	Electric CHP	Good Spring NGCC	PA	58409	HRSG1	108.0	Other Natural Gas	NG	CC
2016	6	11806	Massachusetts Mun Wholes Electric Co	Electric Utility	Stony Brook	MA	6081	3A	289.0	Other Natural Gas	NG	CC
2016	6	56640	Rice Solar Energy LLC	Commercial	Rice Solar Energy	CA	57276	RSE1	150.0	Solar Thermal without Energy Storage	SUN	OT
2016	6	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN1	4.2	Other Natural Gas	NG	IC
2016	6	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN2	4.2	Other Natural Gas	NG	IC
2016	6	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN3	4.2	Other Natural Gas	NG	IC
2016	6	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN4	4.4	Other Natural Gas	NG	IC
2016	6	58691	Shippenville Energy LLC	IPP	Shippenville	PA	58820	GEN5	4.2	Other Natural Gas	NG	IC
2016	6	57109	St Joseph Energy Center LLC	IPP	St Joseph Energy Center	IN	57794	2	642.0	Other Natural Gas	NG	CC
2016	7	56615	First Solar Energy LLC	IPP	Silver State South	NV	58644	SSS	286.8	Solar Photovoltaic	SUN	PV
2016	7	56615	First Solar Energy LLC	IPP	Stateline Solar	NV	58646	STL	299.5	Solar Photovoltaic	SUN	PV
2016	7	2518	U S Bureau of Reclamation	Electric Utility	Black Canyon	ID	6396	3	12.5	Conventional Hydroelectric	WAT	HY
2016	8	56814	Black Creek Renewable Energy LLC	IPP	Sampson County Landfill	NC	57492	GEN8	1.6	Landfill Gas	LFG	IC
2016	9	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN1	4.2	Other Natural Gas	NG	IC
2016	9	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN2	4.2	Other Natural Gas	NG	IC
2016	9	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN3	4.2	Other Natural Gas	NG	IC
2016	9	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN4	4.2	Other Natural Gas	NG	IC
2016	9	58686	Alpaca Energy LLC	IPP	Alpaca	PA	58813	GEN5	4.2	Other Natural Gas	NG	IC
2016	9	20421	Western Minnesota Mun Pwr Agny	Electric Utility	Red Rock Hydro Plant	IA	58434	1	27.5	Conventional Hydroelectric	WAT	HY
2016	9	20421	Western Minnesota Mun Pwr Agny	Electric Utility	Red Rock Hydro Plant	IA	58434	2	27.5	Conventional Hydroelectric	WAT	HY
2016	10	5906	EDF Renewable Services Inc	IPP	Spinning Spur Wind III	TX	58775	GEN1	161.0	Onshore Wind Turbine	WND	WT
2016	10	56987	RRE Austin Solar LLC	IPP	Pflugerville Solar Farm	TX	57659	PSF	60.0	Solar Photovoltaic	SUN	PV
2016	10	58381	Troutdale Energy Center LLC	IPP	Troutdale Energy Center	OR	58396	PLGEN	652.0	Other Natural Gas	NG	CC
2016	11	7140	Georgia Power Co	Electric Utility	Vogtle	GA	649	3	1,100.0	Nuclear	NUC	ST
2016	11	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	1	250.0	Solar Photovoltaic	SUN	PV
2016	12	57003	Arlington Valley Solar Energy LLC	IPP	Arlington Valley Solar Energy I	AZ	57679	AVSE1	125.0	Solar Photovoltaic	SUN	PV
2016	12	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	GT3	90.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	56339	Champlain Wind LLC	IPP	Bowers Wind Project	ME	57088	1	48.0	Onshore Wind Turbine	WND	WT
2016	12	58672	Everpower Wind Holdings Inc	IPP	Allegany Wind Farm	NY	58779	1	72.5	Onshore Wind Turbine	WND	WT
2016	12	58672	Everpower Wind Holdings Inc	IPP	Cassadaga Wind Farm	NY	58777	1	125.0	Onshore Wind Turbine	WND	WT
2016	12	58672	Everpower Wind Holdings Inc	IPP	Coyote Crest Wind Farm	WA	58778	1	126.0	Onshore Wind Turbine	WND	WT
2016	12	58672	Everpower Wind Holdings Inc	IPP	Scioto Ridge Wind Farm	OH	58780	1	300.0	Onshore Wind Turbine	WND	WT
2016	12	56983	Gibson County Generation LLC	IPP	Gibson County Generation Station	TN	57709	1	371.0	Other Natural Gas	NG	CC
2016	12	58623	Grande Prairie Wind, LLC	IPP	Grande Prairie Wind Farm	NE	58695	1	400.0	Onshore Wind Turbine	WND	WT
2016	12	56946	Hidalgo Wind Farm LLC	IPP	Hidalgo Wind Farm LLC	TX	57617	GEN1	150.0	Onshore Wind Turbine	WND	WT
2016	12	15399	Iberdrola Renewables Inc	IPP	Dry Lake Solar	AZ	57922	1	50.0	Solar Photovoltaic	SUN	PV
2016	12	15399	Iberdrola Renewables Inc	IPP	Montague Wind Power Facility LLC	OR	58099	1	150.0	Onshore Wind Turbine	WND	WT
2016	12	56743	K Road Calico Solar, LLC	IPP	K Road Calico Solar	CA	57416	02	388.5	Solar Photovoltaic	SUN	PV
2016	12	49736	Loring Holdings, LLC	Electric CHP	Loring Power Plant	ME	56105	GTG1	37.0	Natural Gas Fired Combined Cycle	NG	CT
2016	12	49736	Loring Holdings, LLC	Electric CHP	Loring Power Plant	ME	56105	STG1	18.0	Natural Gas Fired Combined Cycle	NG	CA
2016	12	56094	Medicine Bow Fuel & Power LLC	IPP	Medicine Bow Fuel & Power LLC	WY	56452	1	350.0	Coal Integrated Gasification Combined Cycle	BIT	CC
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	A	125.0	Solar Photovoltaic	SUN	PV
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	B	125.0	Solar Photovoltaic	SUN	PV
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	C	125.0	Solar Photovoltaic	SUN	PV
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	D	110.0	Solar Photovoltaic	SUN	PV
2016	12	56676	PV2 Energy, LLC	IPP	Panoche Valley Solar Farm	CA	57340	1	399.0	Solar Photovoltaic	SUN	PV
2016	12	4202	Phillips 66-Ponca City Refinery	Industrial	Ponca City Refinery	OK	52188	G1A	3.0	Other Gases	OG	ST
2016	12	56424	Quilt Block Wind Farm LLC	IPP	Quilt Block Wind Farm LLC	WI	57116	GEN 1	99.0	Onshore Wind Turbine	WND	WT
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
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
2017	1	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58645	RCT1	8.7	Conventional Hydroelectric	WAT	HY
2017	1	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58645	RCT2	8.7	Conventional Hydroelectric	WAT	HY
2017	1	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58645	RCT3	8.7	Conventional Hydroelectric	WAT	HY
2017	1	18454	Tampa Electric Co	Electric Utility	Polk	FL	7242	9	459.0	Natural Gas Fired Combined Cycle	NG	CA
2017	2	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	4A	122.0	Conventional Hydroelectric	WAT	HY
2017	3	17539	South Carolina Electric&Gas Co	Electric Utility	V C Summer	SC	6127	2	1,100.0	Nuclear	NUC	ST
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
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
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
2017	4	9417	Interstate Power and Light Co	Electric Utility	Marshalltown Generating Station	IA	58236	CC1	646.0	Other Natural Gas	NG	CC
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
2017	6	7277	Calpine Corporation	IPP	Wild Horse Power Plant	CA	57181	1	40.0	Geothermal	GEO	ST
2017	7	49745	Cash Creek Generating LLC	IPP	Cash Creek	KY	56107	CT1	301.5	Natural Gas Fired Combined Cycle	NG	CT
2017	7	49745	Cash Creek Generating LLC	IPP	Cash Creek	KY	56107	CT2	301.5	Natural Gas Fired Combined Cycle	NG	CT
2017	7	49745	Cash Creek Generating LLC	IPP	Cash Creek	KY	56107	ST	187.0	Natural Gas Fired Combined Cycle	NG	CA
2017	7	4716	Dairyland Power Coop	Electric Utility	Elk Mound	WI	7863	3	35.5	Natural Gas Fired Combustion Turbine	NG	GT
2017	7	4716	Dairyland Power Coop	Electric Utility	Elk Mound	WI	7863	4	35.5	Natural Gas Fired Combustion Turbine	NG	GT
2017	9	7277	Calpine Corporation	IPP	Buckeye Geothermal Power Plant	CA	57180	1	49.9	Geothermal	GEO	ST
2017	11	7140	Georgia Power Co	Electric Utility	Vogtle	GA	649	4	1,100.0	Nuclear	NUC	ST
2017	12	2087	Bowie Power Station LLC	IPP	Bowie Power Station LLC	AZ	55780	CT3	172.0	Natural Gas Fired Combined Cycle	NG	CT
2017	12	2087	Bowie Power Station LLC	IPP	Bowie Power Station LLC	AZ	55780	CT4	172.0	Natural Gas Fired Combined Cycle	NG	CT
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
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
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
2017	12	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	6A	122.0	Conventional Hydroelectric	WAT	HY
2017	12	56949	Paulding Wind Farm LLC	IPP	Paulding Wind Farm LLC	OH	57611	GEN1	49.0	Onshore Wind Turbine	WND	WT
2017	12	56061	Reedsport OPT Wave Park LLC	IPP	Reedsport OPT Wave Park	OR	56906	1	1.5		WAT	HB
2018	1	56794	CE Obsidian Energy LLC	IPP	Black Rock I	CA	57477	G3201	60.0	Geothermal	GEO	ST
2018	1	2719	CalWind Resources Inc	IPP	Tehachapi Wind Resource II	CA	54909	PLAN	15.5	Onshore Wind Turbine	WND	WT
2018	1	54869	WMPI PTY LLC	Industrial	WMPI Pty LLC	PA	56455	1	41.0	Coal Integrated Gasification Combined Cycle	WC	CC
2018	3	56794	CE Obsidian Energy LLC	IPP	Black Rock II	CA	57478	G3202	60.0	Geothermal	GEO	ST
2018	4	55927	Power4Georgians LLC	Electric Utility	Plant Washington	GA	56675	MAIN	850.0	Conventional Steam Coal	SUB	ST
2018	5	56794	CE Obsidian Energy LLC	IPP	Black Rock III	CA	57479	G303	60.0	Geothermal	GEO	ST
2018	5	17539	South Carolina Electric&Gas Co	Electric Utility	V C Summer	SC	6127	3	1,100.0	Nuclear	NUC	ST
2018	6	54867	Christian County Generation LLC	IPP	Taylorville Energy Center	IL	56454	1	533.0	Coal Integrated Gasification Combined Cycle	SGC	CC
2018	10	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	3A	122.0	Conventional Hydroelectric	WAT	HY
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
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
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
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
2019	12	56947	Antelope Ridge Wind Power LLC	IPP	Antelope Ridge Wind Power	OR	57615	GEN1	300.0	Onshore Wind Turbine	WND	WT
2019	12	14354	PacifiCorp	Electric Utility	Blundell	UT	299	3	35.0	Geothermal	GEO	ST
2020	5	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT5	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	12	7277	Calpine Corporation	IPP	Four Mile Hill	CA	55845	1	49.9	Geothermal	GEO	ST
2020	12	7277	Calpine Corporation	IPP	Telephone Flat	CA	55846	1	49.9	Geothermal	GEO	ST
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	8		Other Natural Gas	NG	CC
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	9		Other Natural Gas	NG	CC
2020	12	56935	Number Nine Wind Farm LLC	IPP	Number Nine Wind Farm	ME	57612	GEN1	200.0	Onshore Wind Turbine	WND	WT
2021	6	6455	Duke Energy Florida, Inc	Electric Utility	Levy Nuclear Plant	FL	57894	LNP1	1,092.0	Nuclear	NUC	ST
2022	1	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS1	91.0	Natural Gas Fired Combustion Turbine	NG	GT
2022	12	56943	Blackstone Wind Farm III LLC	IPP	Blackstone Wind Farm III	IL	57618	GEN1	200.0	Onshore Wind Turbine	WND	WT

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
2022	12	56944	Blackstone Wind Farm IV LLC	IPP	Blackstone Wind Farm IV	IL	57619	GEN1	100.0	Onshore Wind Turbine	WND	WT
2022	12	6455	Duke Energy Florida, Inc	Electric Utility	Levy Nuclear Plant	FL	57894	LNP2	1,092.0	Nuclear	NUC	ST
2022	12	56425	Simpson Ridge Wind Farm LLC	IPP	Simpson Ridge Wind Farm LLC	WY	57117	GEN 1	200.0	Onshore Wind Turbine	WND	WT
2023	1	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS2	91.0	Natural Gas Fired Combustion Turbine	NG	GT

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.

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 6.6. 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
2014	2	2176	Brazos River Authority	Electric Utility	Morris Sheppard	TX	3557	1	12.0	Conventional Hydroelectric	WAT	HY
2014	2	2176	Brazos River Authority	Electric Utility	Morris Sheppard	TX	3557	2	12.0	Conventional Hydroelectric	WAT	HY
2014	3	19545	Black Hills Power Inc	Electric Utility	Ben French	SD	3325	ST1	21.6	Conventional Steam Coal	SUB	ST
2014	3	19545	Black Hills Power Inc	Electric Utility	Neil Simpson	WY	4150	5	14.6	Conventional Steam Coal	SUB	ST
2014	3	19545	Black Hills Power Inc	Electric Utility	Osage	WY	4151	1	10.1	Conventional Steam Coal	SUB	ST
2014	3	19545	Black Hills Power Inc	Electric Utility	Osage	WY	4151	2	10.1	Conventional Steam Coal	SUB	ST
2014	3	19545	Black Hills Power Inc	Electric Utility	Osage	WY	4151	3	10.1	Conventional Steam Coal	SUB	ST
2014	3	14165	NRG Power Midwest LP	IPP	Elrama Power Plant	PA	3098	1	93.0	Conventional Steam Coal	BIT	ST
2014	3	14165	NRG Power Midwest LP	IPP	Elrama Power Plant	PA	3098	2	93.0	Conventional Steam Coal	BIT	ST
2014	3	14165	NRG Power Midwest LP	IPP	Elrama Power Plant	PA	3098	3	103.0	Conventional Steam Coal	BIT	ST
2014	3	14165	NRG Power Midwest LP	IPP	Elrama Power Plant	PA	3098	4	171.0	Conventional Steam Coal	BIT	ST
2014	3	54842	WM Renewable Energy LLC	IPP	Monroe Livingston Gas Recovery	NY	50565	GEN2	0.8	Landfill Gas	LFG	IC
2014	3	54842	WM Renewable Energy LLC	IPP	New Milford Gas Recovery	CT	50564	GEN4	0.8	Landfill Gas	LFG	IC
2014	4	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	UNIT1	0.5	Petroleum Liquids	JF	IC
2014	4	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	UNIT2	0.4	Petroleum Liquids	JF	IC
2014	4	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	UNIT3	0.3	Petroleum Liquids	JF	IC
2014	5	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	1	113.0	Conventional Steam Coal	BIT	ST
2014	6	4161	Constellation Power Source Gen	IPP	Riverside	MD	1559	GT6	115.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	1	79.7	Conventional Steam Coal	BIT	ST
2014	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	2	78.0	Conventional Steam Coal	BIT	ST
2014	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	3	149.8	Conventional Steam Coal	BIT	ST
2014	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	4	436.8	Petroleum Liquids	RFO	ST
2014	6	17235	NRG REMA LLC	IPP	Portland	PA	3113	1	141.0	Conventional Steam Coal	BIT	ST
2014	6	17235	NRG REMA LLC	IPP	Portland	PA	3113	2	194.0	Conventional Steam Coal	BIT	ST
2014	7	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	1	111.0	Conventional Steam Coal	BIT	ST
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN1	14.0	Natural Gas Fired Combined Cycle	NG	CT
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN2	12.0	Natural Gas Fired Combined Cycle	NG	CT
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN4	10.0	Other Gases	OG	CA
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN5	10.0	Other Gases	OG	CA
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN6	10.0	Other Gases	OG	CA
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN7	10.0	Other Gases	OG	CA
2014	8	12986	Morton Salt Inc	Industrial	Morton Salt Rittman	OH	54335	GEN1	1.5	Conventional Steam Coal	BIT	ST
2014	12	57209	Apogee Technology Inc	Industrial	Apogee Technology Inc	PA	10159	GEN1	0.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	6	45.0	Other Natural Gas	NG	ST
2014	12	5956	Entergy Nuclear Vermont Yankee	IPP	Vermont Yankee	VT	3751	1	604.3	Nuclear	NUC	ST
2014	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA1	16.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	12	13407	Nevada Power Co	Electric Utility	Reid Gardner	NV	2324	1	100.0	Conventional Steam Coal	BIT	ST
2014	12	13407	Nevada Power Co	Electric Utility	Reid Gardner	NV	2324	2	100.0	Conventional Steam Coal	BIT	ST
2014	12	13407	Nevada Power Co	Electric Utility	Reid Gardner	NV	2324	3	98.0	Conventional Steam Coal	BIT	ST
2014	12	13781	Northern States Power Co - Minnesota	Electric Utility	Alliant Techsystems	MN	7376	1	1.6	Petroleum Liquids	DFO	IC
2014	12	15466	Public Service Co of Colorado	Electric Utility	Zuni	CO	478	2	60.0	Other Natural Gas	NG	ST
2014	12	17166	Sierra Pacific Power Co	Electric Utility	Tracy	NV	2336	ST1	53.0	Other Natural Gas	NG	ST
2014	12	17166	Sierra Pacific Power Co	Electric Utility	Tracy	NV	2336	ST2	83.0	Other Natural Gas	NG	ST
2014	12	54843	WM Illinois Renewable Energy LLC	IPP	Lake Gas Recovery	IL	50575	GEN2	2.9	Landfill Gas	LFG	GT
2014	12	54843	WM Illinois Renewable Energy LLC	IPP	Lake Gas Recovery	IL	50575	GEN3	2.9	Landfill Gas	LFG	GT
2014	12	54842	WM Renewable Energy LLC	IPP	BJ Gas Recovery	GA	54392	GEN1	0.8	Landfill Gas	LFG	IC
2014	12	54842	WM Renewable Energy LLC	IPP	BJ Gas Recovery	GA	54392	GEN3	0.8	Landfill Gas	LFG	IC
2015		58544	Sierra Nevada Brewing Co	Industrial	Sierra Nevada Brewing Co	CA	58585	FCE	1.0	Other Natural Gas	NG	FC
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	1	19876	Virginia Electric & Power Co	Electric Utility	Yorktown	VA	3809	1	159.0	Conventional Steam Coal	BIT	ST
2015	1	19876	Virginia Electric & Power Co	Electric Utility	Yorktown	VA	3809	2	164.0	Conventional Steam Coal	BIT	ST
2015	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT1	12.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	3	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Ashtabula	OH	2835	5	244.0	Conventional Steam Coal	SUB	ST
2015	3	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	1	132.0	Conventional Steam Coal	SUB	ST
2015	3	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	2	132.0	Conventional Steam Coal	SUB	ST
2015	3	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	3	132.0	Conventional Steam Coal	SUB	ST
2015	3	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Lake Shore	OH	2838	18	245.0	Conventional Steam Coal	SUB	ST
2015	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	2	85.0	Conventional Steam Coal	BIT	ST
2015	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	3	85.0	Conventional Steam Coal	BIT	ST
2015	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	4	85.0	Conventional Steam Coal	BIT	ST
2015	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	5	95.0	Conventional Steam Coal	BIT	ST
2015	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	6	318.0	Conventional Steam Coal	BIT	ST
2015	4	3542	Duke Energy Ohio Inc	Electric Utility	Walter C Beckjord	OH	2830	2	94.0	Conventional Steam Coal	BIT	ST
2015	4	3542	Duke Energy Ohio Inc	Electric Utility	Walter C Beckjord	OH	2830	3	128.0	Conventional Steam Coal	BIT	ST
2015	4	3542	Duke Energy Ohio Inc	Electric Utility	Walter C Beckjord	OH	2830	4	150.0	Conventional Steam Coal	BIT	ST
2015	4	3542	Duke Energy Ohio Inc	Electric Utility	Walter C Beckjord	OH	2830	5	238.0	Conventional Steam Coal	BIT	ST
2015	4	3542	Duke Energy Ohio Inc	Electric Utility	Walter C Beckjord	OH	2830	6	414.0	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	10171	Kentucky Utilities Co	Electric Utility	Green River	KY	1357	3	68.0	Conventional Steam Coal	BIT	ST
2015	4	10171	Kentucky Utilities Co	Electric Utility	Green River	KY	1357	4	95.0	Conventional Steam Coal	BIT	ST
2015	4	12647	Minnesota Power Inc	Electric Utility	Taconite Harbor Energy Center	MN	10075	GEN3	83.6	Conventional Steam Coal	SUB	ST
2015	4	14165	NRG Power Midwest LP	IPP	New Castle Plant	PA	3138	EMDA	2.5	Petroleum Liquids	DFO	IC
2015	4	14165	NRG Power Midwest LP	IPP	New Castle Plant	PA	3138	EMDB	2.5	Petroleum Liquids	DFO	IC
2015	4	17235	NRG REMA LLC	IPP	Shawville	PA	3131	1	118.0	Conventional Steam Coal	BIT	ST
2015	4	17235	NRG REMA LLC	IPP	Shawville	PA	3131	2	121.0	Conventional Steam Coal	BIT	ST
2015	4	17235	NRG REMA LLC	IPP	Shawville	PA	3131	3	163.0	Conventional Steam Coal	BIT	ST
2015	4	17235	NRG REMA LLC	IPP	Shawville	PA	3131	4	163.0	Conventional Steam Coal	BIT	ST
2015	4	14354	PacifiCorp	Electric Utility	Carbon	UT	3644	1	67.0	Conventional Steam Coal	BIT	ST
2015	4	14354	PacifiCorp	Electric Utility	Carbon	UT	3644	2	105.0	Conventional Steam Coal	BIT	ST
2015	5	18963	Inside Passage Elec Coop, Inc	Electric Utility	Hoonah	AK	7463	1	0.6	Petroleum Liquids	DFO	IC
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C1	20.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C2	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C3	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C4	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	1	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	2	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	3	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	4	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	5	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	6	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	7	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	8	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT1	46.0	Petroleum Liquids	DFO	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT2	46.0	Petroleum Liquids	DFO	GT

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	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT3	46.0	Petroleum Liquids	DFO	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT4	46.0	Petroleum Liquids	DFO	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	121	46.1	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	122	48.2	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	123	46.2	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	124	46.6	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	9	21.9	Natural Gas Fired Combustion Turbine	NG	GT
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	1	260.0	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	15147	PSEG Fossil LLC	IPP	Bergen Generating Station	NJ	2398	3	21.3	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	111	47.8	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	112	46.4	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	113	46.1	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	114	42.2	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	8	22.7	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	91	46.6	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	92	47.3	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	93	46.8	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	94	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	11	43.7	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	12	43.4	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	42.1	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	21	43.1	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	22	42.1	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	43.4	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	32	43.4	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	33	43.8	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	34	43.7	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	101	42.4	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	102	42.9	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	103	42.5	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	104	44.5	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	111	46.9	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	112	47.7	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	113	46.7	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	114	46.8	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Linden Generating Station	NJ	2406	3	21.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Mercer Generating Station	NJ	2408	3	115.7	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG National Park Generating Station	NJ	2409	1	21.1	Petroleum Liquids	KER	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Sewaren Generating Station	NJ	2411	6	107.6	Petroleum Liquids	KER	GT
2015	6	15478	PSEG Nuclear LLC	IPP	PSEG Salem Generating Station	NJ	2410	3	39.7	Petroleum Liquids	DFO	GT
2015	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	9	103.8	Conventional Hydroelectric	WAT	HY
2015	6	14328	Pacific Gas & Electric Co	Electric Utility	Cow Creek	CA	229	1	0.9	Conventional Hydroelectric	WAT	HY
2015	6	14328	Pacific Gas & Electric Co	Electric Utility	Cow Creek	CA	229	2	0.9	Conventional Hydroelectric	WAT	HY
2015	6	14328	Pacific Gas & Electric Co	Electric Utility	Kilarc	CA	253	1	1.6	Conventional Hydroelectric	WAT	HY
2015	6	14328	Pacific Gas & Electric Co	Electric Utility	Kilarc	CA	253	2	1.6	Conventional Hydroelectric	WAT	HY
2015	7	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	4	111.0	Conventional Steam Coal	BIT	ST
2015	7	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	6	111.0	Conventional Steam Coal	BIT	ST
2015	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	8	103.8	Conventional Hydroelectric	WAT	HY
2015	9	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC1	2.0	Petroleum Liquids	DFO	IC
2015	9	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC2	2.0	Petroleum Liquids	DFO	IC
2015	9	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC3	2.0	Petroleum Liquids	DFO	IC
2015	9	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC4	2.0	Petroleum Liquids	DFO	IC
2015	10	18445	City of Tallahassee - (FL)	Electric Utility	S O Purdom	FL	689	GT1	10.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	10	18445	City of Tallahassee - (FL)	Electric Utility	S O Purdom	FL	689	GT2	10.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	10	6909	Gainesville Regional Utilities	Electric Utility	John R Kelly	FL	664	7	23.2	Other Natural Gas	NG	ST
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	1	0.5	Other Waste Biomass	OBG	IC
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	2	0.5	Other Waste Biomass	OBG	IC
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	3	0.5	Other Waste Biomass	OBG	IC
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	4	0.5	Other Waste Biomass	OBG	IC
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	5	0.5	Other Waste Biomass	OBG	IC
2015	11	52	ACE Cogeneration Co	Electric CHP	ACE Cogeneration Facility	CA	10002	GEN1	101.2	Conventional Steam Coal	BIT	ST
2015	12	195	Alabama Power Co	Electric Utility	Holt Dam	AL	12	1	45.0	Conventional Hydroelectric	WAT	HY
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	5347	Dow Chemical Co	Industrial	LaO Energy Systems	LA	52006	GEN7	95.0	Natural Gas Fired Combined Cycle	NG	CT
2015	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	2	76.0	Other Natural Gas	NG	ST
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	3	445.0	Other Natural Gas	NG	ST
2015	12	13960	NRG Cabrillo Power Ops Inc	IPP	El Cajon	CA	301	ENCI	16.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA2	59.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA3	61.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	13960	NRG Cabrillo Power Ops Inc	IPP	Miramar	CA	305	MRGT	36.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	3	79.0	Conventional Steam Coal	SUB	ST
2015	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	4	153.0	Conventional Steam Coal	SUB	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN1	1.6	Other Natural Gas	NG	ST

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	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	14795	Perdue Agribusiness	Industrial	Oilseed Plant	VA	10515	GEN1	1.6	Conventional Steam Coal	BIT	ST
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	3	152.0	Conventional Steam Coal	BIT	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	57302	Sonoco Products Co	Industrial	Sonoco Products Co	SC	57919	2	2.5	Other Natural Gas	NG	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	John Sevier	TN	3405	3	176.0	Conventional Steam Coal	BIT	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	John Sevier	TN	3405	4	176.0	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	69.9	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Nelson Dewey Coal Refining Facility	WI	4054	1	107.4	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Nelson Dewey Coal Refining Facility	WI	4054	2	105.0	Conventional Steam Coal	SUB	ST
2016	1	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	9	12.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	1	10000	Kansas City Power & Light Co	Electric Utility	Montrose	MO	2080	1	170.0	Conventional Steam Coal	SUB	ST
2016	1	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	4	155.0	Conventional Steam Coal	BIT	ST
2016	1	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	5	168.0	Conventional Steam Coal	BIT	ST
2016	1	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	6	240.0	Conventional Steam Coal	BIT	ST
2016	3	6455	Duke Energy Florida, Inc	Electric Utility	Crystal River	FL	628	1	370.0	Conventional Steam Coal	BIT	ST
2016	3	6455	Duke Energy Florida, Inc	Electric Utility	Crystal River	FL	628	2	499.0	Conventional Steam Coal	BIT	ST
2016	4	5416	Duke Energy Carolinas, LLC	Electric Utility	W S Lee	SC	3264	1	100.0	Conventional Steam Coal	BIT	ST
2016	4	5416	Duke Energy Carolinas, LLC	Electric Utility	W S Lee	SC	3264	2	100.0	Conventional Steam Coal	BIT	ST
2016	4	7140	Georgia Power Co	Electric Utility	Harllee Branch	GA	709	1	266.0	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	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	Walter Scott Jr Energy Center	IA	1082	1	37.4	Conventional Steam Coal	SUB	ST
2016	4	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	2	80.8	Conventional Steam Coal	SUB	ST
2016	4	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	4	103.8	Conventional Hydroelectric	WAT	HY
2016	4	15474	Public Service Co of Oklahoma	Electric Utility	Northeastern	OK	2963	4	460.0	Conventional Steam Coal	SUB	ST
2016	4	17698	Southwestern Electric Power Co	Electric Utility	Welsh	TX	6139	2	528.0	Conventional Steam Coal	SUB	ST
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Avon Park	FL	624	P1	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Avon Park	FL	624	P2	24.0	Petroleum Liquids	DFO	GT
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	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	2	39.0	Petroleum Liquids	DFO	ST
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	3	40.0	Conventional Steam Coal	BIT	ST
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	4	56.0	Conventional Steam Coal	BIT	ST
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	5	62.0	Conventional Steam Coal	BIT	ST
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	6	99.0	Conventional Steam Coal	BIT	ST
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	IC1	3.0	Petroleum Liquids	DFO	IC
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	ST1	39.0	Petroleum Liquids	DFO	ST
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	7	38.0	Conventional Steam Coal	SUB	ST
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	8	54.0	Conventional Steam Coal	SUB	ST
2016	6	15452	PSEG Power Connecticut LLC	IPP	Bridgeport Station	CT	568	4	16.0	Petroleum Liquids	KER	GT
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	12	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	6	103.0	Conventional Steam Coal	BIT	ST
2016	12	49756	Illinois Power Resources Generating LLC	Electric Utility	E D Edwards	IL	856	1	95.0	Conventional Steam Coal	SUB	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT1	14.4	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT2	13.7	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT3	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT4	14.8	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	1	2.1	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	2	1.8	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	3	1.8	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT1	24.4	Petroleum Liquids	DFO	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT2	25.1	Petroleum Liquids	DFO	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	3	30.9	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	4	35.9	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	IC1	2.1	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	IC2	1.6	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	1	12.7	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	3	76.6	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	1	25.9	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	2	20.4	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Hills	MN	1889	1	2.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Hills	MN	1889	2	0.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Lansing	IA	1047	IC1	1.2	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Lansing	IA	1047	IC2	1.1	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	1	28.3	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	3	78.7	Other Natural Gas	NG	ST
2017	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	1	47.7	Conventional Steam Coal	SUB	ST
2017	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	2	50.6	Conventional Steam Coal	SUB	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	5	55.0	Conventional Steam Coal	BIT	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	6	55.0	Conventional Steam Coal	BIT	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	7	78.0	Conventional Steam Coal	SUB	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	8	78.0	Conventional Steam Coal	SUB	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	9	78.0	Conventional Steam Coal	SUB	ST
2017	2	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	6	103.8	Conventional Hydroelectric	WAT	HY
2017	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT2	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	1	8.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	2	8.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	3	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	4	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	11	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	45	0.3	Other Natural Gas	NG	FC
2017	11	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	47	0.3	Other Natural Gas	NG	FC
2017	11	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	50	0.3	Other Natural Gas	NG	FC
2017	11	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	51	0.3	Other Natural Gas	NG	FC
2017	12	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	7	104.0	Conventional Steam Coal	BIT	ST
2017	12	463	Ameresco LFG I Inc	IPP	Al Turi	NY	10549	3010	0.8	Landfill Gas	LFG	IC
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	4	83.0	Natural Gas Fired Combined Cycle	NG	CA
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT1	72.0	Natural Gas Fired Combined Cycle	NG	CT

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT2	72.0	Natural Gas Fired Combined Cycle	NG	CT
2017	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	7	46.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	2	104.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	3	110.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	4	300.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	5	330.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	GT1	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	ST1	106.0	Other Natural Gas	NG	ST
2017	12	13407	Nevada Power Co	Electric Utility	Reid Gardner	NV	2324	4	255.0	Conventional Steam Coal	BIT	ST
2017	12	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	3	103.8	Conventional Hydroelectric	WAT	HY
2017	12	15473	Public Service Co of NM	Electric Utility	San Juan	NM	2451	2	340.0	Conventional Steam Coal	BIT	ST
2017	12	15473	Public Service Co of NM	Electric Utility	San Juan	NM	2451	3	497.0	Conventional Steam Coal	BIT	ST
2017	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	1	107.0	Conventional Steam Coal	SUB	ST
2017	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	2	107.0	Conventional Steam Coal	SUB	ST
2017	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	3	107.0	Conventional Steam Coal	SUB	ST
2017	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	4	107.0	Conventional Steam Coal	SUB	ST
2018	1	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	2	6909	Gainesville Regional Utilities	Electric Utility	John R Kelly	FL	664	GT1	14.0	Natural Gas Fired Combustion Turbine	NG	GT
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	30.0	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	9	6909	Gainesville Regional Utilities	Electric Utility	John R Kelly	FL	664	GT2	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2018	9	17166	Sierra Pacific Power Co	Electric Utility	Fort Churchill	NV	2330	1	113.0	Other Natural Gas	NG	ST
2018	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	1	76.0	Other Natural Gas	NG	ST
2018	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	2	76.0	Other Natural Gas	NG	ST
2018	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	3	107.0	Other Natural Gas	NG	ST
2018	12	17539	South Carolina Electric&Gas Co	Electric Utility	McMeekin	SC	3287	1	125.0	Conventional Steam Coal	BIT	ST
2018	12	17539	South Carolina Electric&Gas Co	Electric Utility	McMeekin	SC	3287	2	125.0	Conventional Steam Coal	BIT	ST
2019	1	17166	Sierra Pacific Power Co	Electric Utility	Gabbs	NV	6514	1	2.7	Petroleum Liquids	DFO	IC
2019	1	17166	Sierra Pacific Power Co	Electric Utility	Gabbs	NV	6514	2	2.7	Petroleum Liquids	DFO	IC
2019	5	6909	Gainesville Regional Utilities	Electric Utility	John R Kelly	FL	664	GT3	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	1	2.0	Petroleum Liquids	DFO	IC
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	2	2.0	Petroleum Liquids	DFO	IC
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	3	2.0	Petroleum Liquids	DFO	IC
2019	12	195	Alabama Power Co	Electric Utility	Barry	AL	3	1	138.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Barry	AL	3	2	137.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Gadsden	AL	7	1	64.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Gadsden	AL	7	2	66.0	Conventional Steam Coal	BIT	ST
2019	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	1	74.0	Other Natural Gas	NG	ST
2019	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	3	102.0	Other Natural Gas	NG	ST
2019	12	55951	Exelon Nuclear	IPP	Oyster Creek	NJ	2388	1	614.5	Nuclear	NUC	ST
2020	1	21622	The University of Texas at Dallas	Commercial	University of Texas at Dallas	TX	54607	GEN1	3.5	Other Natural Gas	NG	IC
2020	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	1	76.0	Other Natural Gas	NG	ST
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL00	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL01	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL02	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL03	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL04	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL05	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL06	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL07	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL08	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL09	0.1	Other Waste Biomass	OBG	FC
2020	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	15248	Portland General Electric Co	Electric Utility	Boardman	OR	6106	1	585.0	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	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
2031	12	58590	SEDC Jersey Gardens Owner LLC	IPP	Jersey Gardens Phase 1	NJ	58653	1	1.7	Solar Photovoltaic	SUN	PV
2032	2	58591	CF Jersey Gardens Owner Two LLC	IPP	Jersey Gardens Phase 2	NJ	58654	1	2.3	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.

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 6.7.A. Capacity Factors for Utility Scale Generators Primarily Using Fossil Fuels, January 2008-January 2014

	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								
2008	73.4%	40.1%	5.2%	12.4%	4.8%	15.6%	1.5%	2.2%
2009	65.1%	39.8%	4.5%	11.2%	4.8%	14.5%	1.6%	2.3%
2010	67.9%	43.8%	5.2%	11.4%	4.8%	13.5%	1.9%	2.0%
2011	63.7%	43.6%	5.1%	12.4%	7.3%	12.0%	1.2%	2.2%
2012	56.7%	51.1%	6.0%	12.8%	5.5%	12.8%	1.2%	2.0%
2013	59.7%	46.5%	4.1%	10.7%	21.5%	11.7%	0.9%	6.7%
2012								
January	56.9%	48.4%	3.3%	6.2%	5.3%	9.8%	0.6%	2.2%
February	53.8%	51.7%	3.4%	6.9%	5.3%	8.7%	0.5%	1.8%
March	46.5%	46.5%	4.4%	9.6%	5.5%	11.0%	0.8%	2.0%
April	44.1%	46.2%	6.3%	15.3%	6.0%	13.5%	1.0%	2.1%
May	51.5%	51.0%	7.4%	15.2%	5.3%	14.4%	1.5%	2.0%
June	60.1%	57.7%	8.0%	18.0%	6.2%	14.9%	1.5%	1.9%
July	70.6%	64.5%	14.3%	22.3%	6.8%	19.5%	3.0%	2.2%
August	67.2%	63.5%	8.4%	22.5%	6.2%	16.8%	1.9%	2.1%
Sept	57.3%	55.6%	5.8%	13.1%	5.4%	13.7%	1.2%	2.3%
October	53.8%	45.8%	3.5%	9.9%	4.6%	11.9%	0.8%	2.1%
November	58.8%	40.1%	4.0%	8.9%	4.7%	10.6%	0.6%	1.9%
December	58.9%	41.9%	2.9%	6.1%	4.9%	8.6%	0.7%	2.1%
2013								
January	60.8%	44.8%	2.6%	7.2%	14.6%	10.0%	0.4%	5.7%
February	60.7%	45.0%	2.3%	6.6%	16.0%	9.6%	0.3%	4.6%
March	57.4%	42.3%	3.3%	6.7%	21.4%	9.7%	0.2%	5.3%
April	51.4%	38.4%	3.5%	7.6%	25.0%	10.7%	0.7%	8.3%
May	53.1%	39.7%	3.7%	9.7%	19.2%	12.4%	0.8%	5.6%
June	63.7%	49.3%	4.5%	15.1%	25.0%	14.5%	0.9%	5.0%
July	67.9%	56.8%	8.0%	18.6%	29.4%	17.7%	2.3%	8.7%
August	66.4%	58.3%	6.2%	18.0%	32.2%	13.9%	1.1%	9.6%
Sept	61.3%	51.0%	4.9%	14.2%	22.7%	13.3%	1.5%	6.7%
October	54.0%	43.2%	3.2%	8.7%	19.7%	11.6%	0.9%	7.3%
November	56.2%	43.2%	3.2%	7.3%	13.2%	6.8%	0.7%	6.7%
December	63.7%	46.1%	3.5%	8.5%	19.1%	9.8%	0.7%	6.6%
2014								
January	70.6%	45.7%	6.2%	9.4%	16.7%	19.0%	3.6%	7.0%

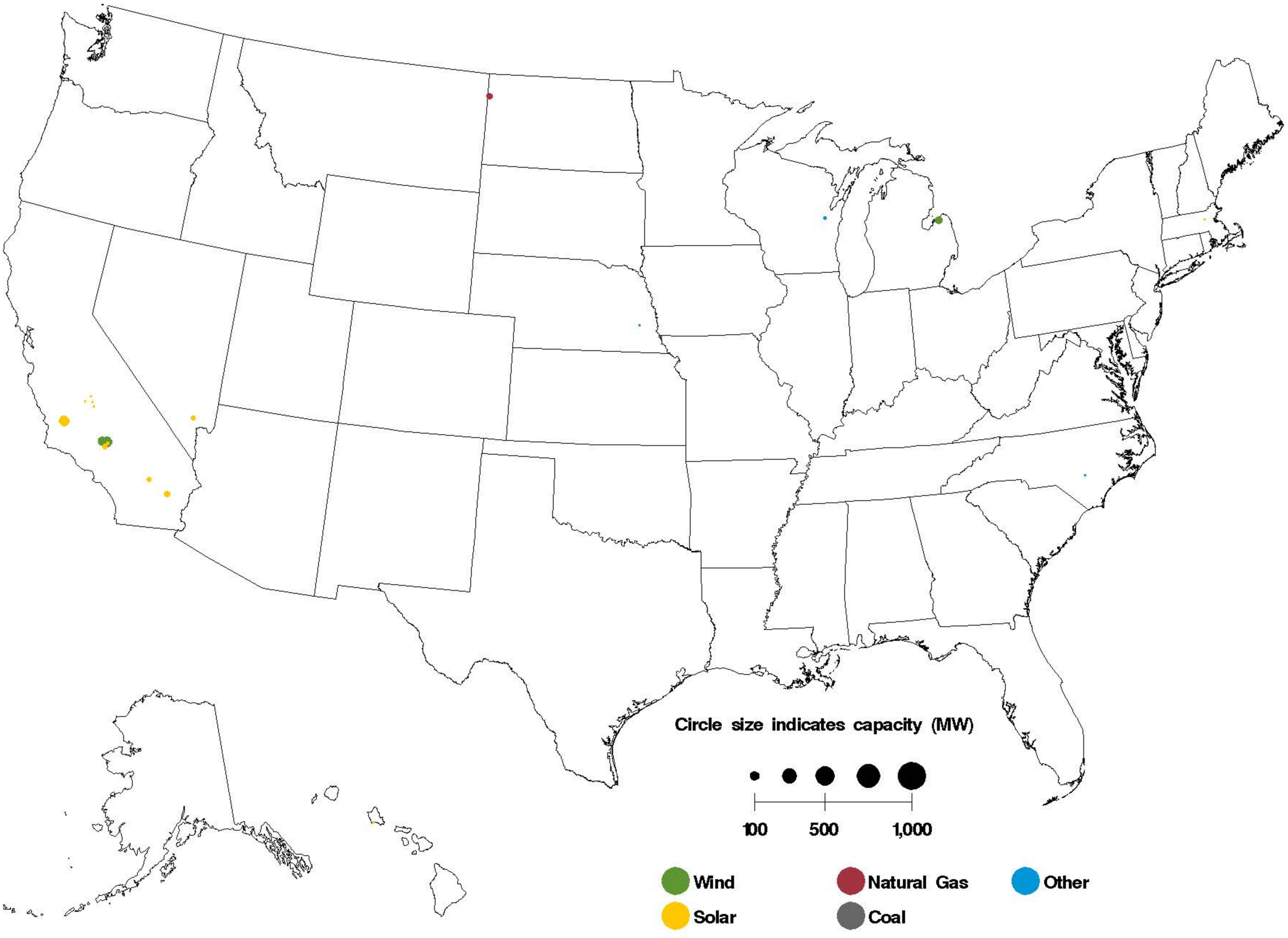
Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Table 6.7.B. Capacity Factors for Utility Scale Generators Not Primarily Using Fossil Fuels, January 2008-January 2014

Period	Nuclear	Conventional Hydropower	Wind	Solar Photovoltaic	Solar Thermal	Landfill Gas and Muncipal Solid Waste	Other Biomass Including Wood	Geothermal
Annual Factors								
2008	91.1%	37.2%	31.7%	22.5%	19.5%	69.9%	66.5%	74.7%
2009	90.3%	39.6%	28.1%	20.6%	23.6%	70.2%	62.1%	73.3%
2010	91.1%	37.6%	29.8%	20.3%	24.5%	70.8%	57.8%	71.9%
2011	89.1%	45.9%	32.1%	19.1%	23.9%	70.0%	56.3%	71.8%
2012	86.1%	39.6%	31.8%	20.3%	23.8%	68.0%	57.3%	68.2%
2013	90.1%	38.1%	32.3%	19.4%	17.8%	69.6%	50.8%	66.0%
2012								
January	95.8%	39.0%	39.0%	9.3%	2.5%	65.8%	60.1%	67.4%
February	90.3%	36.6%	33.5%	12.1%	15.1%	66.0%	60.1%	68.2%
March	81.7%	43.8%	39.0%	17.3%	24.2%	65.9%	55.1%	66.9%
April	76.4%	46.0%	36.5%	22.2%	31.1%	66.7%	47.5%	67.6%
May	82.1%	48.5%	34.5%	27.1%	32.3%	68.1%	51.7%	67.7%
June	89.0%	46.7%	33.6%	28.2%	43.7%	69.9%	59.8%	67.6%
July	91.3%	45.0%	23.6%	26.3%	39.8%	70.8%	61.6%	67.7%
August	91.8%	38.9%	22.4%	23.1%	35.2%	68.7%	63.2%	66.8%
Sept	88.0%	30.8%	23.8%	22.8%	34.0%	67.7%	59.4%	68.9%
October	78.8%	27.9%	32.6%	20.3%	16.2%	67.3%	54.1%	68.1%
November	77.3%	32.6%	30.0%	16.5%	7.6%	68.7%	57.1%	70.8%
December	90.5%	38.8%	34.1%	15.9%	3.5%	70.7%	57.7%	70.6%
2013								
January	94.2%	41.9%	33.2%	13.1%	2.8%	65.8%	53.1%	69.1%
February	90.5%	37.4%	34.9%	17.1%	12.2%	64.0%	51.8%	68.5%
March	83.6%	34.2%	35.5%	19.0%	18.2%	69.8%	52.2%	69.0%
April	77.7%	43.0%	40.4%	19.3%	22.3%	69.6%	34.4%	66.1%
May	83.4%	47.8%	36.9%	19.9%	23.0%	73.4%	46.9%	64.7%
June	93.2%	47.3%	32.3%	22.1%	30.3%	74.4%	48.9%	65.0%
July	95.8%	45.2%	25.3%	20.5%	27.3%	73.1%	53.1%	66.0%
August	96.9%	36.0%	21.8%	21.2%	30.1%	70.7%	61.0%	64.9%
Sept	92.3%	29.0%	27.5%	22.4%	25.8%	69.1%	54.2%	66.2%
October	85.8%	28.9%	31.2%	22.8%	16.7%	67.3%	48.9%	67.2%
November	91.2%	30.7%	37.1%	18.4%	9.0%	68.3%	52.8%	61.1%
December	96.7%	35.2%	31.6%	16.6%	6.3%	69.9%	51.5%	65.0%
2014								
January	99.2%	35.6%	40.1%	17.3%	5.4%	63.5%	55.1%	62.8%

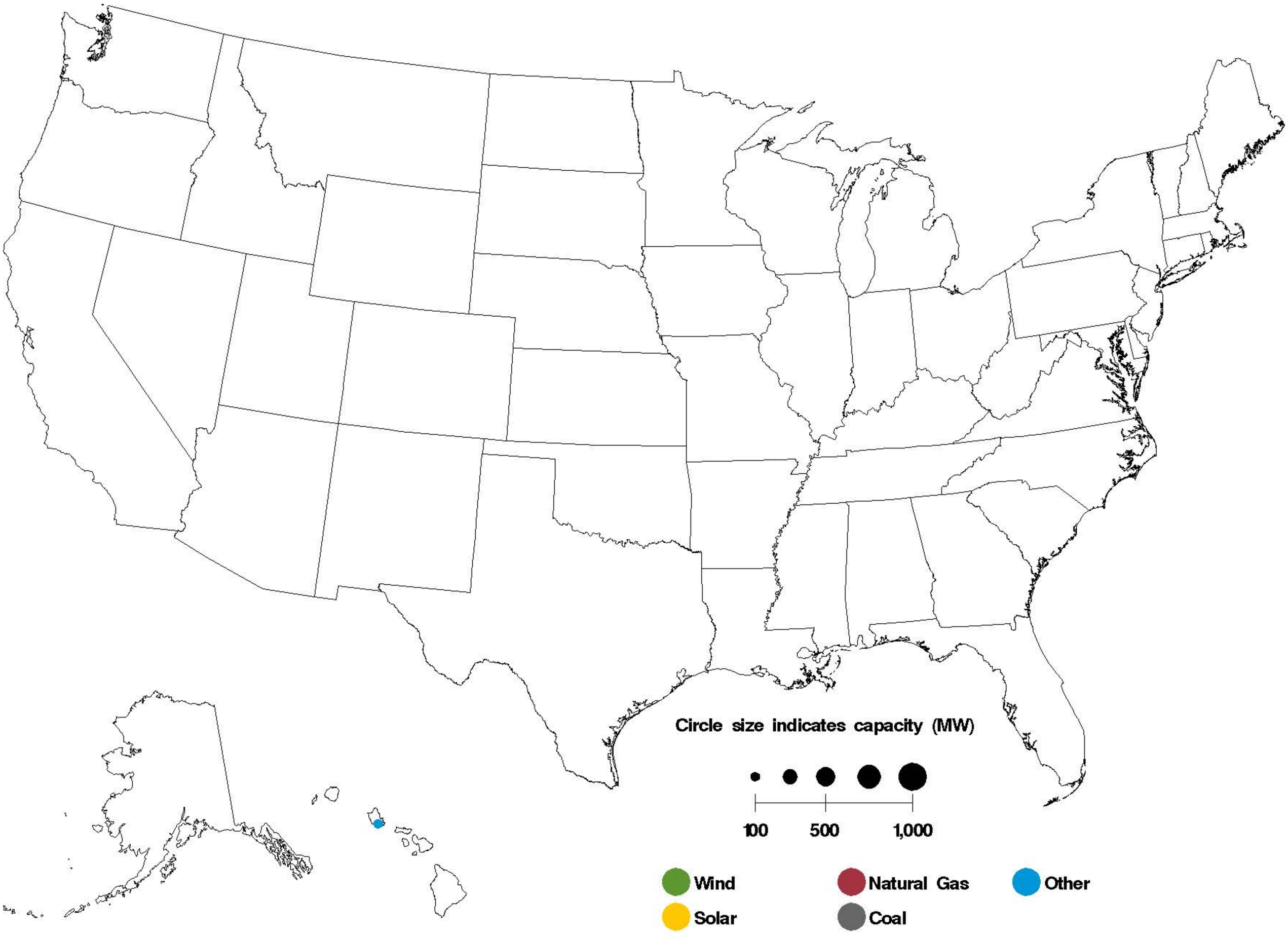
Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary.
Notes: Solar Thermal Capacity Factors include generation from plants using concentrated solar power energy storage.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy 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 January 2014



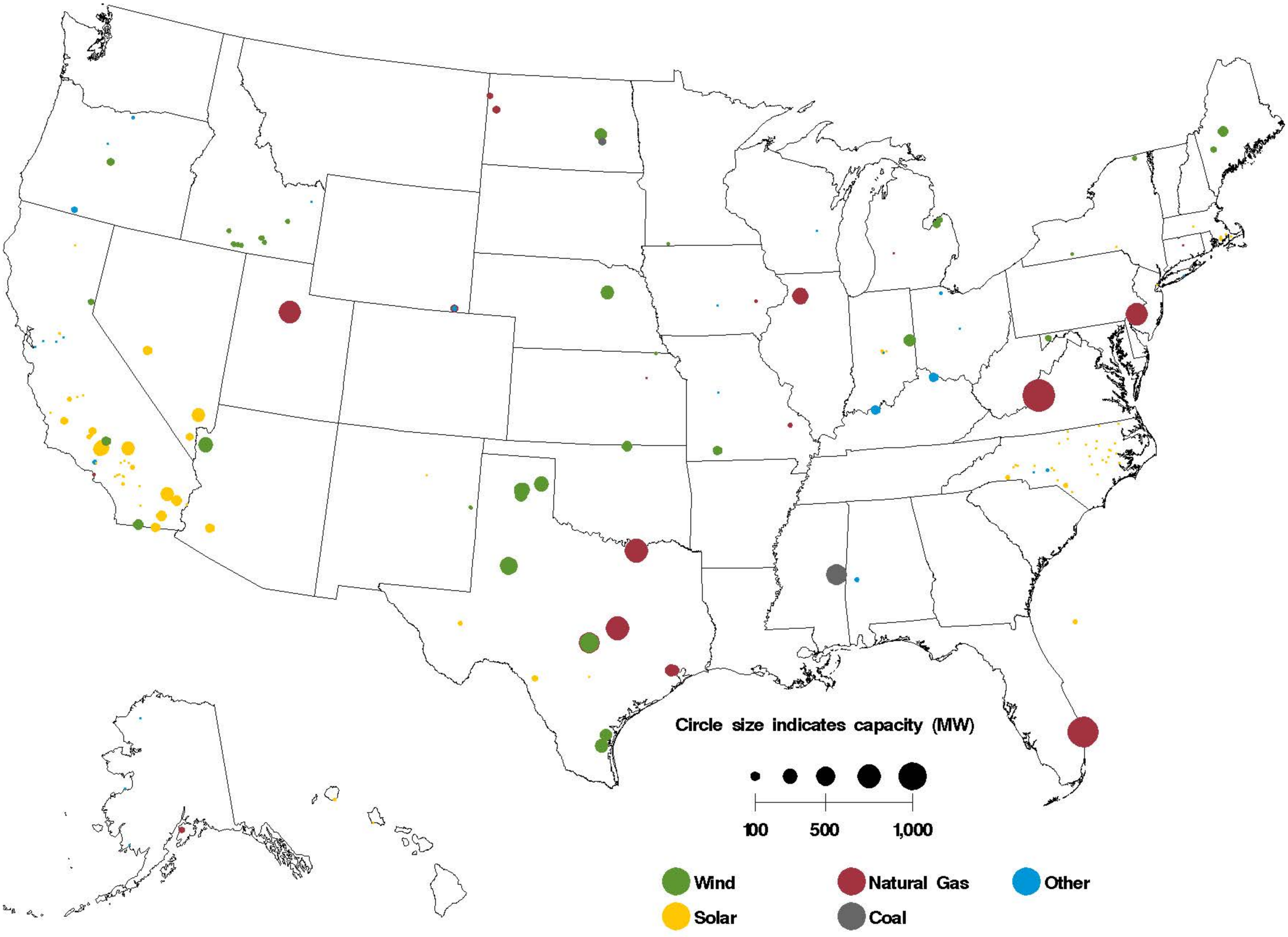
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.B. Utility Scale Generating Units Retired in January 2014



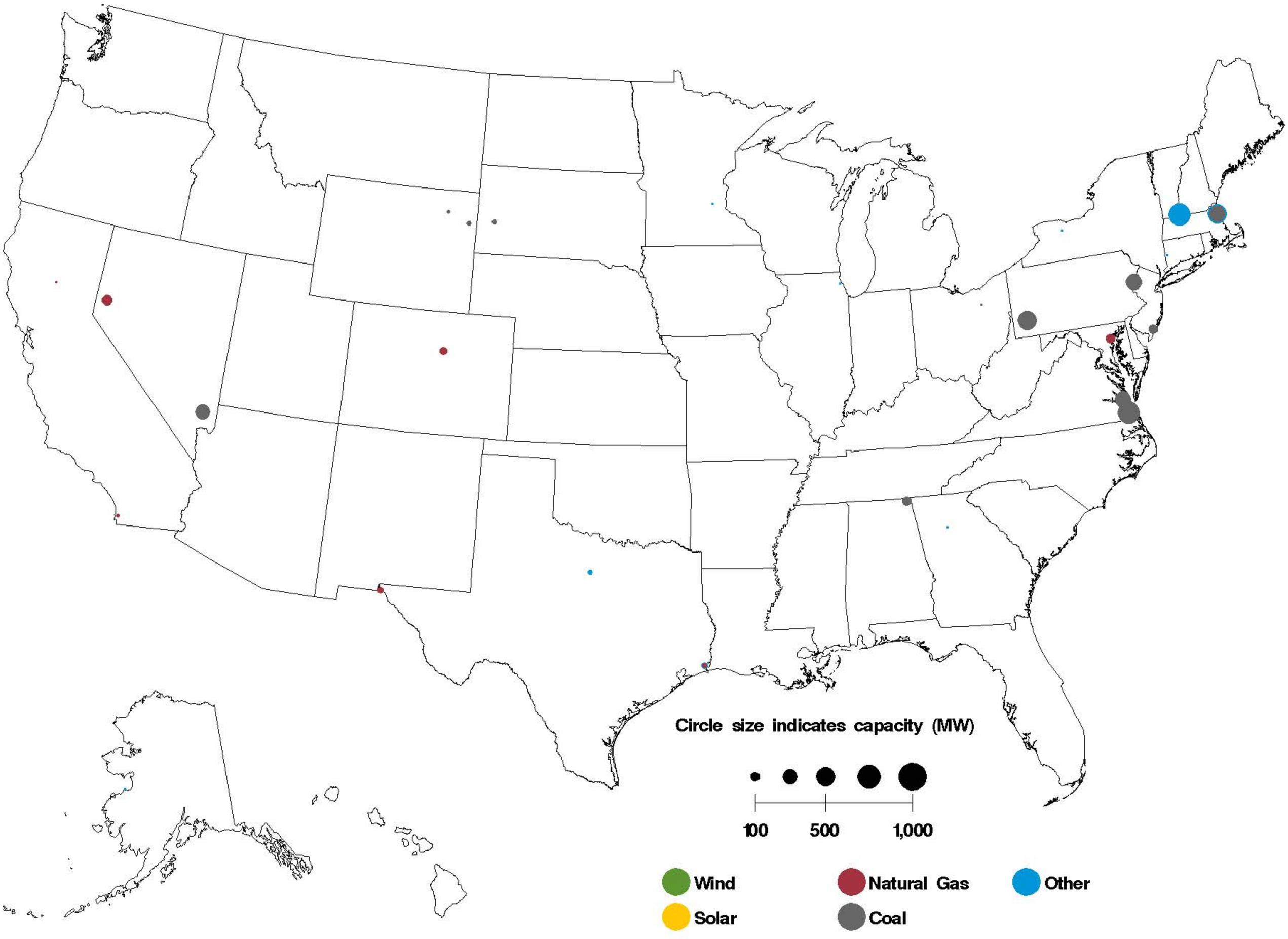
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.C. Utility Scale Generating Units Planned to Come Online from February 2014 to January 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.D. Utility Scale Generating Units Planned to Retire from February 2014 to January 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.'

Table A.1.A. Relative Standard Error (Percent) for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State, January 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**3**	**11**	**0**	**2**	**0**	**0**	**9**
Connecticut	0	11	0	4	0	0	46
Maine	0	12	0	6	0	0	12
Massachusetts	5	22	0	4	0	0	23
New Hampshire	0	19	0	9	0	0	14
Rhode Island	0	57	0	3	0	0	389
Vermont	0	237	0	0	0	0	25
Middle Atlantic	**1**	**8**	**80**	**1**	**17**	**0**	**3**
New Jersey	0	6	155	3	56	0	174
New York	2	11	0	2	0	0	3
Pennsylvania	1	19	93	2	13	0	9
East North Central	**0**	**18**	**5**	**2**	**10**	**0**	**17**
Illinois	0	87	0	5	43	0	64
Indiana	0	90	0	3	11	0	30
Michigan	1	17	25	7	0	0	31
Ohio	1	18	8	1	26	0	48
Wisconsin	1	34	0	6	0	0	28
West North Central	**1**	**48**	**0**	**7**	**111**	**0**	**5**
Iowa	2	119	0	30	0	0	41
Kansas	0	219	0	19	0	0	228
Minnesota	2	40	0	11	0	0	50
Missouri	1	134	0	7	0	0	12
Nebraska	1	30	0	96	0	0	31
North Dakota	2	96	0	558	111	0	0
South Dakota	7	154	0	43	0	0	1
South Atlantic	**0**	**8**	**0**	**0**	**0**	**0**	**4**
Delaware	2	6	0	4	0	0	0
District of Columbia	0	0	0	185	0	0	0
Florida	1	116	0	0	0	0	65
Georgia	0	20	0	0	0	0	8
Maryland	0	18	0	21	0	0	3
North Carolina	1	8	0	0	0	0	5
South Carolina	0	46	0	1	0	0	8
Virginia	1	4	0	0	0	0	15
West Virginia	0	0	0	5	0	0	14
East South Central	**0**	**16**	**0**	**1**	**24**	**0**	**3**
Alabama	0	23	0	1	26	0	3
Kentucky	1	93	0	3	0	0	6
Mississippi	0	699	0	0	0	0	0
Tennessee	0	12	0	2	0	0	5
West South Central	**0**	**39**	**6**	**0**	**3**	**0**	**8**
Arkansas	0	0	0	1	0	0	10
Louisiana	0	4	5	1	3	0	0
Oklahoma	1	211	0	0	0	0	17
Texas	0	77	51	0	5	0	28
Mountain	**1**	**33**	**0**	**2**	**6**	**0**	**4**
Arizona	0	19	0	1	0	0	2
Colorado	0	503	0	2	0	0	17
Idaho	58	5,039	0	6	0	0	9
Montana	5	53	0	92	0	0	6
Nevada	0	23	0	2	0	0	3
New Mexico	0	60	0	6	0	0	71
Utah	3	94	0	5	386	0	39
Wyoming	2	13	0	44	6	0	23
Pacific Contiguous	**1**	**892**	**385**	**1**	**6**	**0**	**1**
California	41	974	385	2	8	0	7
Oregon	0	770	0	2	0	0	2
Washington	0	561	0	3	0	0	1
Pacific Noncontiguous	**5**	**63**	**0**	**20**	**87**	**0**	**17**
Alaska	14	51	0	20	417	0	16
Hawaii	5	70	0	0	87	0	108
U.S. Total	**0**	**10**	**3**	**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, January 2014 (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**	**47**	**2**	**0**	**5**	**2**
Connecticut	0	0	0	195	4	0	7	2
Maine	0	0	0	0	3	0	13	4
Massachusetts	0	0	0	54	5	0	7	4
New Hampshire	0	0	0	0	8	0	43	2
Rhode Island	0	0	0	197	28	0	0	7
Vermont	0	0	0	134	8	0	0	5
Middle Atlantic	**0**	**0**	**0**	**23**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	26	9	0	8	1
New York	0	0	0	51	2	0	8	1
Pennsylvania	0	0	0	60	3	0	6	1
East North Central	**0**	**0**	**0**	**40**	**1**	**0**	**7**	**0**
Illinois	0	0	0	77	0	0	19	0
Indiana	0	0	0	63	1	0	4	0
Michigan	0	0	0	0	3	0	12	1
Ohio	0	0	0	69	4	0	0	1
Wisconsin	0	0	0	0	4	0	30	1
West North Central	**0**	**0**	**0**	**334**	**1**	**0**	**13**	**0**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	334	2	0	13	1
Missouri	0	0	0	0	2	0	0	1
Nebraska	0	0	0	0	2	0	0	1
North Dakota	0	0	0	0	1	0	48	2
South Dakota	0	0	0	0	0	0	0	3
South Atlantic	**0**	**0**	**0**	**17**	**2**	**0**	**3**	**0**
Delaware	0	0	0	83	37	0	0	2
District of Columbia	0	0	0	0	0	0	0	185
Florida	0	0	0	21	4	0	3	1
Georgia	0	0	0	34	5	0	5	0
Maryland	0	0	0	55	5	0	1	1
North Carolina	0	0	0	24	8	0	24	1
South Carolina	0	0	0	275	2	0	0	1
Virginia	0	0	0	0	3	0	4	1
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**105**	**5**	**0**	**129**	**0**
Alabama	0	0	0	0	8	0	0	1
Kentucky	0	0	0	0	7	0	0	1
Mississippi	0	0	0	0	6	0	633	0
Tennessee	0	0	0	105	15	0	0	1
West South Central	**0**	**0**	**0**	**35**	**1**	**0**	**6**	**0**
Arkansas	0	0	0	0	6	0	0	1
Louisiana	0	0	0	0	9	0	4	1
Oklahoma	0	0	0	0	1	0	60	1
Texas	0	0	0	35	1	0	16	0
Mountain	**0**	**4**	**0**	**4**	**1**	**0**	**5**	**1**
Arizona	0	0	0	4	4	0	0	0
Colorado	0	0	0	31	1	0	45	1
Idaho	0	26	0	0	7	0	0	5
Montana	0	0	0	0	3	0	0	4
Nevada	0	4	0	9	4	0	108	1
New Mexico	0	204	0	30	2	0	0	2
Utah	0	4	0	382	5	0	3	2
Wyoming	0	0	0	0	1	0	0	1
Pacific Contiguous	**0**	**2**	**0**	**4**	**1**	**0**	**8**	**1**
California	0	2	0	4	2	0	8	2
Oregon	0	0	0	127	2	0	53	1
Washington	0	0	0	0	2	0	17	1
Pacific Noncontiguous	**0**	**0**	**0**	**101**	**10**	**0**	**0**	**30**
Alaska	0	0	0	0	49	0	0	13
Hawaii	0	0	0	101	9	0	0	48
U.S. Total	**0**	**2**	**0**	**4**	**1**	**0**	**2**	**0**

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

Table A.1.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:
Total (All Sectors) by Census Division and State, Year-to-Date through January 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**3**	**11**	**0**	**2**	**0**	**0**	**9**
Connecticut	0	11	0	4	0	0	46
Maine	0	12	0	6	0	0	12
Massachusetts	5	22	0	4	0	0	23
New Hampshire	0	19	0	9	0	0	14
Rhode Island	0	57	0	3	0	0	389
Vermont	0	237	0	0	0	0	25
Middle Atlantic	**1**	**8**	**80**	**1**	**17**	**0**	**3**
New Jersey	0	6	155	3	56	0	174
New York	2	11	0	2	0	0	3
Pennsylvania	1	19	93	2	13	0	9
East North Central	**0**	**18**	**5**	**2**	**10**	**0**	**17**
Illinois	0	87	0	5	43	0	64
Indiana	0	90	0	3	11	0	30
Michigan	1	17	25	7	0	0	31
Ohio	1	18	8	1	26	0	48
Wisconsin	1	34	0	6	0	0	28
West North Central	**1**	**48**	**0**	**7**	**111**	**0**	**5**
Iowa	2	119	0	30	0	0	41
Kansas	0	219	0	19	0	0	228
Minnesota	2	40	0	11	0	0	50
Missouri	1	134	0	7	0	0	12
Nebraska	1	30	0	96	0	0	31
North Dakota	2	96	0	558	111	0	0
South Dakota	7	154	0	43	0	0	1
South Atlantic	**0**	**8**	**0**	**0**	**0**	**0**	**4**
Delaware	2	6	0	4	0	0	0
District of Columbia	0	0	0	185	0	0	0
Florida	1	116	0	0	0	0	65
Georgia	0	20	0	0	0	0	8
Maryland	0	18	0	21	0	0	3
North Carolina	1	8	0	0	0	0	5
South Carolina	0	46	0	1	0	0	8
Virginia	1	4	0	0	0	0	15
West Virginia	0	0	0	5	0	0	14
East South Central	**0**	**16**	**0**	**1**	**24**	**0**	**3**
Alabama	0	23	0	1	26	0	3
Kentucky	1	93	0	3	0	0	6
Mississippi	0	699	0	0	0	0	0
Tennessee	0	12	0	2	0	0	5
West South Central	**0**	**39**	**6**	**0**	**3**	**0**	**8**
Arkansas	0	0	0	1	0	0	10
Louisiana	0	4	5	1	3	0	0
Oklahoma	1	211	0	0	0	0	17
Texas	0	77	51	0	5	0	28
Mountain	**1**	**33**	**0**	**2**	**6**	**0**	**4**
Arizona	0	19	0	1	0	0	2
Colorado	0	503	0	2	0	0	17
Idaho	58	5,039	0	6	0	0	9
Montana	5	53	0	92	0	0	6
Nevada	0	23	0	2	0	0	3
New Mexico	0	60	0	6	0	0	71
Utah	3	94	0	5	386	0	39
Wyoming	2	13	0	44	6	0	23
Pacific Contiguous	**1**	**892**	**385**	**1**	**6**	**0**	**1**
California	41	974	385	2	8	0	7
Oregon	0	770	0	2	0	0	2
Washington	0	561	0	3	0	0	1
Pacific Noncontiguous	**5**	**63**	**0**	**20**	**87**	**0**	**17**
Alaska	14	51	0	20	417	0	16
Hawaii	5	70	0	0	87	0	108
U.S. Total	**0**	**10**	**3**	**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 January 2014 (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**	**47**	**2**	**0**	**5**	**2**
Connecticut	0	0	0	195	4	0	7	2
Maine	0	0	0	0	3	0	13	4
Massachusetts	0	0	0	54	5	0	7	4
New Hampshire	0	0	0	0	8	0	43	2
Rhode Island	0	0	0	197	28	0	0	7
Vermont	0	0	0	134	8	0	0	5
Middle Atlantic	**0**	**0**	**0**	**23**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	26	9	0	8	1
New York	0	0	0	51	2	0	8	1
Pennsylvania	0	0	0	60	3	0	6	1
East North Central	**0**	**0**	**0**	**40**	**1**	**0**	**7**	**0**
Illinois	0	0	0	77	0	0	19	0
Indiana	0	0	0	63	1	0	4	0
Michigan	0	0	0	0	3	0	12	1
Ohio	0	0	0	69	4	0	0	1
Wisconsin	0	0	0	0	4	0	30	1
West North Central	**0**	**0**	**0**	**334**	**1**	**0**	**13**	**0**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	334	2	0	13	1
Missouri	0	0	0	0	2	0	0	1
Nebraska	0	0	0	0	2	0	0	1
North Dakota	0	0	0	0	1	0	48	2
South Dakota	0	0	0	0	0	0	0	3
South Atlantic	**0**	**0**	**0**	**17**	**2**	**0**	**3**	**0**
Delaware	0	0	0	83	37	0	0	2
District of Columbia	0	0	0	0	0	0	0	185
Florida	0	0	0	21	4	0	3	1
Georgia	0	0	0	34	5	0	5	0
Maryland	0	0	0	55	5	0	1	1
North Carolina	0	0	0	24	8	0	24	1
South Carolina	0	0	0	275	2	0	0	1
Virginia	0	0	0	0	3	0	4	1
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**105**	**5**	**0**	**129**	**0**
Alabama	0	0	0	0	8	0	0	1
Kentucky	0	0	0	0	7	0	0	1
Mississippi	0	0	0	0	6	0	633	0
Tennessee	0	0	0	105	15	0	0	1
West South Central	**0**	**0**	**0**	**35**	**1**	**0**	**6**	**0**
Arkansas	0	0	0	0	6	0	0	1
Louisiana	0	0	0	0	9	0	4	1
Oklahoma	0	0	0	0	1	0	60	1
Texas	0	0	0	35	1	0	16	0
Mountain	**0**	**4**	**0**	**4**	**1**	**0**	**5**	**1**
Arizona	0	0	0	4	4	0	0	0
Colorado	0	0	0	31	1	0	45	1
Idaho	0	26	0	0	7	0	0	5
Montana	0	0	0	0	3	0	0	4
Nevada	0	4	0	9	4	0	108	1
New Mexico	0	204	0	30	2	0	0	2
Utah	0	4	0	382	5	0	3	2
Wyoming	0	0	0	0	1	0	0	1
Pacific Contiguous	**0**	**2**	**0**	**4**	**1**	**0**	**8**	**1**
California	0	2	0	4	2	0	8	2
Oregon	0	0	0	127	2	0	53	1
Washington	0	0	0	0	2	0	17	1
Pacific Noncontiguous	**0**	**0**	**0**	**101**	**10**	**0**	**0**	**30**
Alaska	0	0	0	0	49	0	0	13
Hawaii	0	0	0	101	9	0	0	48
U.S. Total	**0**	**2**	**0**	**4**	**1**	**0**	**2**	**0**

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

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

Electric Utilities by Census Division and State, January 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**9**	**0**	**12**	**0**	**0**	**24**
Connecticut	0	350	0	0	0	0	158
Maine	0	1,540	0	0	0	0	0
Massachusetts	0	5	0	16	0	0	53
New Hampshire	0	7	0	0	0	0	22
Rhode Island	0	0	0	0	0	0	0
Vermont	0	223	0	0	0	0	41
Middle Atlantic	**247**	**8**	**0**	**6**	**0**	**0**	**1**
New Jersey	0	333	0	0	0	0	0
New York	247	8	0	6	0	0	1
Pennsylvania	0	1,397	0	622	0	0	7
East North Central	**0**	**27**	**0**	**2**	**0**	**0**	**17**
Illinois	0	170	0	49	0	0	120
Indiana	0	76	0	2	0	0	30
Michigan	1	17	0	10	0	0	33
Ohio	1	41	0	2	0	0	48
Wisconsin	1	46	0	10	0	0	29
West North Central	**1**	**52**	**0**	**6**	**0**	**0**	**5**
Iowa	2	121	0	29	0	0	41
Kansas	0	219	0	19	0	0	0
Minnesota	2	34	0	10	0	0	72
Missouri	1	134	0	7	0	0	12
Nebraska	1	30	0	86	0	0	31
North Dakota	2	101	0	1,991	0	0	0
South Dakota	7	156	0	43	0	0	1
South Atlantic	**0**	**12**	**0**	**0**	**0**	**0**	**4**
Delaware	0	0	0	0	0	0	0
Florida	1	132	0	0	0	0	65
Georgia	0	29	0	0	0	0	8
Maryland	0	296	0	0	0	0	0
North Carolina	0	8	0	1	0	0	6
South Carolina	0	49	0	0	0	0	8
Virginia	0	4	0	0	0	0	15
West Virginia	0	0	0	0	0	0	40
East South Central	**0**	**16**	**0**	**1**	**0**	**0**	**3**
Alabama	0	0	0	4	0	0	3
Kentucky	1	93	0	2	0	0	6
Mississippi	0	790	0	0	0	0	0
Tennessee	0	0	0	0	0	0	6
West South Central	**0**	**10**	**0**	**1**	**0**	**0**	**9**
Arkansas	0	0	0	5	0	0	9
Louisiana	0	7	0	1	0	0	0
Oklahoma	0	210	0	0	0	0	17
Texas	0	6	0	1	0	0	28
Mountain	**1**	**35**	**0**	**2**	**0**	**0**	**4**
Arizona	0	19	0	1	0	0	2
Colorado	0	503	0	2	0	0	14
Idaho	0	5,039	0	4	0	0	9
Montana	90	14,354	0	95	0	0	7
Nevada	0	24	0	0	0	0	1
New Mexico	0	54	0	9	0	0	71
Utah	2	80	0	2	0	0	39
Wyoming	1	11	0	263	0	0	22
Pacific Contiguous	**0**	**380**	**0**	**2**	**0**	**0**	**1**
California	0	48	0	3	0	0	7
Oregon	0	0	0	0	0	0	2
Washington	0	2,258	0	3	0	0	1
Pacific Noncontiguous	**0**	**9**	**0**	**19**	**0**	**0**	**17**
Alaska	0	53	0	19	0	0	16
Hawaii	0	6	0	0	0	0	210
U.S. Total	**0**	**6**	**0**	**0**	**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, January 2014 (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**	**130**	**5**	**0**	**0**	**4**
Connecticut	0	0	0	0	0	0	0	74
Maine	0	0	0	0	0	0	0	1,540
Massachusetts	0	0	0	130	62	0	0	14
New Hampshire	0	0	0	0	0	0	0	2
Rhode Island	0	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0	21
Middle Atlantic	**0**	**0**	**0**	**69**	**69**	**0**	**0**	**2**
New Jersey	0	0	0	69	69	0	0	13
New York	0	0	0	0	0	0	0	2
Pennsylvania	0	0	0	0	0	0	0	7
East North Central	**0**	**0**	**0**	**165**	**2**	**0**	**0**	**0**
Illinois	0	0	0	0	134	0	0	1
Indiana	0	0	0	0	16	0	0	0
Michigan	0	0	0	0	4	0	0	1
Ohio	0	0	0	165	83	0	0	1
Wisconsin	0	0	0	0	1	0	0	1
West North Central	**0**	**0**	**0**	**0**	**1**	**0**	**11**	**1**
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	0	2	0	0	2
Missouri	0	0	0	0	39	0	0	1
Nebraska	0	0	0	0	13	0	0	1
North Dakota	0	0	0	0	2	0	48	2
South Dakota	0	0	0	0	2	0	0	4
South Atlantic	**0**	**0**	**0**	**18**	**2**	**0**	**0**	**0**
Delaware	0	0	0	218	218	0	0	218
Florida	0	0	0	0	6	0	0	1
Georgia	0	0	0	0	0	0	0	0
Maryland	0	0	0	186	186	0	0	234
North Carolina	0	0	0	141	141	0	0	0
South Carolina	0	0	0	0	5	0	0	1
Virginia	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**0**	**25**	**0**	**0**	**0**
Alabama	0	0	0	0	228	0	0	1
Kentucky	0	0	0	0	25	0	0	1
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0	1
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	0	0	0	1
Louisiana	0	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	0	0	0	0	1
Mountain	**0**	**0**	**0**	**27**	**2**	**0**	**108**	**1**
Arizona	0	0	0	29	26	0	0	0
Colorado	0	0	0	0	9	0	0	1
Idaho	0	0	0	0	0	0	0	7
Montana	0	0	0	0	0	0	0	11
Nevada	0	0	0	0	0	0	108	0
New Mexico	0	0	0	67	67	0	0	2
Utah	0	0	0	0	0	0	0	2
Wyoming	0	0	0	0	1	0	0	1
Pacific Contiguous	**0**	**0**	**0**	**32**	**2**	**0**	**0**	**1**
California	0	0	0	33	5	0	0	2
Oregon	0	0	0	226	2	0	0	1
Washington	0	0	0	0	1	0	0	1
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**48**	**0**	**0**	**8**
Alaska	0	0	0	0	61	0	0	14
Hawaii	0	0	0	0	0	0	0	6
U.S. Total	**0**	**0**	**0**	**17**	**1**	**0**	**9**	**0**

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

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 January 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**9**	**0**	**12**	**0**	**0**	**24**
Connecticut	0	350	0	0	0	0	158
Maine	0	1,540	0	0	0	0	0
Massachusetts	0	5	0	16	0	0	53
New Hampshire	0	7	0	0	0	0	22
Rhode Island	0	0	0	0	0	0	0
Vermont	0	223	0	0	0	0	41
Middle Atlantic	**247**	**8**	**0**	**6**	**0**	**0**	**1**
New Jersey	0	333	0	0	0	0	0
New York	247	8	0	6	0	0	1
Pennsylvania	0	1,397	0	622	0	0	7
East North Central	**0**	**27**	**0**	**2**	**0**	**0**	**17**
Illinois	0	170	0	49	0	0	120
Indiana	0	76	0	2	0	0	30
Michigan	1	17	0	10	0	0	33
Ohio	1	41	0	2	0	0	48
Wisconsin	1	46	0	10	0	0	29
West North Central	**1**	**52**	**0**	**6**	**0**	**0**	**5**
Iowa	2	121	0	29	0	0	41
Kansas	0	219	0	19	0	0	0
Minnesota	2	34	0	10	0	0	72
Missouri	1	134	0	7	0	0	12
Nebraska	1	30	0	86	0	0	31
North Dakota	2	101	0	1,991	0	0	0
South Dakota	7	156	0	43	0	0	1
South Atlantic	**0**	**12**	**0**	**0**	**0**	**0**	**4**
Delaware	0	0	0	0	0	0	0
Florida	1	132	0	0	0	0	65
Georgia	0	29	0	0	0	0	8
Maryland	0	296	0	0	0	0	0
North Carolina	0	8	0	1	0	0	6
South Carolina	0	49	0	0	0	0	8
Virginia	0	4	0	0	0	0	15
West Virginia	0	0	0	0	0	0	40
East South Central	**0**	**16**	**0**	**1**	**0**	**0**	**3**
Alabama	0	0	0	4	0	0	3
Kentucky	1	93	0	2	0	0	6
Mississippi	0	790	0	0	0	0	0
Tennessee	0	0	0	0	0	0	6
West South Central	**0**	**10**	**0**	**1**	**0**	**0**	**9**
Arkansas	0	0	0	5	0	0	9
Louisiana	0	7	0	1	0	0	0
Oklahoma	0	210	0	0	0	0	17
Texas	0	6	0	1	0	0	28
Mountain	**1**	**35**	**0**	**2**	**0**	**0**	**4**
Arizona	0	19	0	1	0	0	2
Colorado	0	503	0	2	0	0	14
Idaho	0	5,039	0	4	0	0	9
Montana	90	14,354	0	95	0	0	7
Nevada	0	24	0	0	0	0	1
New Mexico	0	54	0	9	0	0	71
Utah	2	80	0	2	0	0	39
Wyoming	1	11	0	263	0	0	22
Pacific Contiguous	**0**	**380**	**0**	**2**	**0**	**0**	**1**
California	0	48	0	3	0	0	7
Oregon	0	0	0	0	0	0	2
Washington	0	2,258	0	3	0	0	1
Pacific Noncontiguous	**0**	**9**	**0**	**19**	**0**	**0**	**17**
Alaska	0	53	0	19	0	0	16
Hawaii	0	6	0	0	0	0	210
U.S. Total	**0**	**6**	**0**	**0**	**0**	**0**	**1**

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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 January 2014 (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**	**130**	**5**	**0**	**0**	**4**
Connecticut	0	0	0	0	0	0	0	74
Maine	0	0	0	0	0	0	0	1,540
Massachusetts	0	0	0	130	62	0	0	14
New Hampshire	0	0	0	0	0	0	0	2
Rhode Island	0	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0	21
Middle Atlantic	**0**	**0**	**0**	**69**	**69**	**0**	**0**	**2**
New Jersey	0	0	0	69	69	0	0	13
New York	0	0	0	0	0	0	0	2
Pennsylvania	0	0	0	0	0	0	0	7
East North Central	**0**	**0**	**0**	**165**	**2**	**0**	**0**	**0**
Illinois	0	0	0	0	134	0	0	1
Indiana	0	0	0	0	16	0	0	0
Michigan	0	0	0	0	4	0	0	1
Ohio	0	0	0	165	83	0	0	1
Wisconsin	0	0	0	0	1	0	0	1
West North Central	**0**	**0**	**0**	**0**	**1**	**0**	**11**	**1**
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	0	2	0	0	2
Missouri	0	0	0	0	39	0	0	1
Nebraska	0	0	0	0	13	0	0	1
North Dakota	0	0	0	0	2	0	48	2
South Dakota	0	0	0	0	2	0	0	4
South Atlantic	**0**	**0**	**0**	**18**	**2**	**0**	**0**	**0**
Delaware	0	0	0	218	218	0	0	218
Florida	0	0	0	0	6	0	0	1
Georgia	0	0	0	0	0	0	0	0
Maryland	0	0	0	186	186	0	0	234
North Carolina	0	0	0	141	141	0	0	0
South Carolina	0	0	0	0	5	0	0	1
Virginia	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**0**	**25**	**0**	**0**	**0**
Alabama	0	0	0	0	228	0	0	1
Kentucky	0	0	0	0	25	0	0	1
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0	1
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	0	0	0	1
Louisiana	0	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	0	0	0	0	1
Mountain	**0**	**0**	**0**	**27**	**2**	**0**	**108**	**1**
Arizona	0	0	0	29	26	0	0	0
Colorado	0	0	0	0	9	0	0	1
Idaho	0	0	0	0	0	0	0	7
Montana	0	0	0	0	0	0	0	11
Nevada	0	0	0	0	0	0	108	0
New Mexico	0	0	0	67	67	0	0	2
Utah	0	0	0	0	0	0	0	2
Wyoming	0	0	0	0	1	0	0	1
Pacific Contiguous	**0**	**0**	**0**	**32**	**2**	**0**	**0**	**1**
California	0	0	0	33	5	0	0	2
Oregon	0	0	0	226	2	0	0	1
Washington	0	0	0	0	1	0	0	1
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**48**	**0**	**0**	**8**
Alaska	0	0	0	0	61	0	0	14
Hawaii	0	0	0	0	0	0	0	6
U.S. Total	**0**	**0**	**0**	**17**	**1**	**0**	**9**	**0**

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Table A.3.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:
Independent Power Producers by Census Division and State, January 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**4**	**12**	**0**	**1**	**0**	**0**	**9**
Connecticut	0	10	0	2	0	0	48
Maine	0	3	0	0	0	0	12
Massachusetts	5	25	0	3	0	0	25
New Hampshire	0	9	0	0	0	0	17
Rhode Island	0	0	0	1	0	0	389
Vermont	0	0	0	0	0	0	32
Middle Atlantic	**1**	**7**	**0**	**1**	**0**	**0**	**10**
New Jersey	0	5	0	3	0	0	174
New York	1	7	0	2	0	0	13
Pennsylvania	1	18	0	1	0	0	15
East North Central	**0**	**15**	**0**	**3**	**14**	**0**	**58**
Illinois	0	0	0	3	0	0	65
Indiana	1	359,729	0	8	0	0	0
Michigan	36	0	0	8	0	0	116
Ohio	0	5	0	1	40	0	0
Wisconsin	0	5	0	0	0	0	131
West North Central	**0**	**20**	**0**	**17**	**0**	**0**	**84**
Iowa	0	517	0	4,821	0	0	465
Kansas	0	0	0	0	0	0	228
Minnesota	0	9	0	18	0	0	88
Missouri	0	0	0	48	0	0	0
South Dakota	0	851	0	0	0	0	0
South Atlantic	**1**	**6**	**0**	**1**	**0**	**0**	**6**
Delaware	2	6	0	5	0	0	0
Florida	0	1,347	0	4	0	0	0
Georgia	0	32	0	2	0	0	254
Maryland	0	10	0	20	0	0	3
North Carolina	46	16	0	0	0	0	142
South Carolina	0	0	0	12	0	0	109
Virginia	10	13	0	0	0	0	105
West Virginia	0	0	0	4	0	0	12
East South Central	**0**	**5**	**0**	**0**	**0**	**0**	**302**
Alabama	0	5	0	0	0	0	0
Kentucky	0	0	0	0	0	0	302
Mississippi	0	0	0	0	0	0	0
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**7**
Arkansas	0	0	0	0	0	0	123
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	1	0	0	0
Texas	0	0	0	0	0	0	142
Mountain	**5**	**89**	**0**	**3**	**0**	**0**	**11**
Arizona	0	0	0	1	0	0	0
Colorado	151	0	0	4	0	0	93
Idaho	0	0	0	11	0	0	46
Montana	4	10	0	362	0	0	10
Nevada	0	0	0	8	0	0	144
New Mexico	0	3,243	0	4	0	0	0
Utah	120	219	0	91	0	0	380
Wyoming	60	0	0	443	0	0	341
Pacific Contiguous	**2**	**19**	**385**	**1**	**0**	**0**	**31**
California	142	0	385	1	0	0	50
Oregon	0	0	0	1	0	0	51
Washington	0	82	0	0	0	0	60
Pacific Noncontiguous	**5**	**341**	**0**	**0**	**0**	**0**	**0**
Alaska	41	0	0	0	0	0	0
Hawaii	0	341	0	0	0	0	0
U.S. Total	**0**	**14**	**5**	**0**	**4**	**0**	**5**

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Table A.3.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:
Independent Power Producers by Census Division and State, January 2014 (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**	**50**	**3**	**0**	**5**	**2**
Connecticut	0	0	0	195	4	0	7	1
Maine	0	0	0	0	2	0	14	3
Massachusetts	0	0	0	59	7	0	7	5
New Hampshire	0	0	0	0	10	0	43	2
Rhode Island	0	0	0	197	28	0	0	2
Vermont	0	0	0	134	22	0	0	5
Middle Atlantic	**0**	**0**	**0**	**25**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	30	10	0	12	1
New York	0	0	0	51	2	0	8	1
Pennsylvania	0	0	0	67	2	0	7	1
East North Central	**0**	**0**	**0**	**42**	**1**	**0**	**21**	**0**
Illinois	0	0	0	77	0	0	0	0
Indiana	0	0	0	63	1	0	0	2
Michigan	0	0	0	0	2	0	21	4
Ohio	0	0	0	77	3	0	0	0
Wisconsin	0	0	0	0	7	0	0	1
West North Central	**0**	**0**	**0**	**334**	**1**	**0**	**29**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	334	3	0	29	3
Missouri	0	0	0	0	1	0	0	5
Nebraska	0	0	0	0	1	0	0	1
North Dakota	0	0	0	0	1	0	0	1
South Dakota	0	0	0	0	0	0	0	0
South Atlantic	**0**	**0**	**0**	**21**	**2**	**0**	**4**	**1**
Delaware	0	0	0	90	36	0	0	3
Florida	0	0	0	72	3	0	5	3
Georgia	0	0	0	32	10	0	0	2
Maryland	0	0	0	58	4	0	0	1
North Carolina	0	0	0	27	11	0	24	5
South Carolina	0	0	0	275	65	0	0	13
Virginia	0	0	0	0	5	0	0	2
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**117**	**7**	**0**	**0**	**0**
Alabama	0	0	0	0	3	0	0	0
Kentucky	0	0	0	0	0	0	0	7
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	117	20	0	0	20
West South Central	**0**	**0**	**0**	**35**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	35	0	0	1
Louisiana	0	0	0	0	31	0	0	0
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	35	0	0	0	0
Mountain	**0**	**4**	**0**	**4**	**1**	**0**	**4**	**2**
Arizona	0	0	0	4	3	0	0	1
Colorado	0	0	0	29	1	0	107	2
Idaho	0	26	0	0	8	0	0	7
Montana	0	0	0	0	3	0	0	4
Nevada	0	4	0	9	4	0	0	3
New Mexico	0	204	0	33	2	0	0	2
Utah	0	9	0	382	7	0	142	42
Wyoming	0	0	0	0	2	0	0	9
Pacific Contiguous	**0**	**2**	**0**	**3**	**1**	**0**	**16**	**1**
California	0	2	0	3	2	0	16	1
Oregon	0	0	0	152	3	0	53	1
Washington	0	0	0	0	2	0	41	1
Pacific Noncontiguous	**0**	**0**	**0**	**101**	**12**	**0**	**0**	**119**
Alaska	0	0	0	0	85	0	0	38
Hawaii	0	0	0	101	11	0	0	127
U.S. Total	**0**	**2**	**0**	**4**	**0**	**0**	**3**	**0**

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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 January 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**4**	**12**	**0**	**1**	**0**	**0**	**9**
Connecticut	0	10	0	2	0	0	48
Maine	0	3	0	0	0	0	12
Massachusetts	5	25	0	3	0	0	25
New Hampshire	0	9	0	0	0	0	17
Rhode Island	0	0	0	1	0	0	389
Vermont	0	0	0	0	0	0	32
Middle Atlantic	**1**	**7**	**0**	**1**	**0**	**0**	**10**
New Jersey	0	5	0	3	0	0	174
New York	1	7	0	2	0	0	13
Pennsylvania	1	18	0	1	0	0	15
East North Central	**0**	**15**	**0**	**3**	**14**	**0**	**58**
Illinois	0	0	0	3	0	0	65
Indiana	1	359,729	0	8	0	0	0
Michigan	36	0	0	8	0	0	116
Ohio	0	5	0	1	40	0	0
Wisconsin	0	5	0	0	0	0	131
West North Central	**0**	**20**	**0**	**17**	**0**	**0**	**84**
Iowa	0	517	0	4,821	0	0	465
Kansas	0	0	0	0	0	0	228
Minnesota	0	9	0	18	0	0	88
Missouri	0	0	0	48	0	0	0
South Dakota	0	851	0	0	0	0	0
South Atlantic	**1**	**6**	**0**	**1**	**0**	**0**	**6**
Delaware	2	6	0	5	0	0	0
Florida	0	1,347	0	4	0	0	0
Georgia	0	32	0	2	0	0	254
Maryland	0	10	0	20	0	0	3
North Carolina	46	16	0	0	0	0	142
South Carolina	0	0	0	12	0	0	109
Virginia	10	13	0	0	0	0	105
West Virginia	0	0	0	4	0	0	12
East South Central	**0**	**5**	**0**	**0**	**0**	**0**	**302**
Alabama	0	5	0	0	0	0	0
Kentucky	0	0	0	0	0	0	302
Mississippi	0	0	0	0	0	0	0
West South Central	**0**	**0**	**0**	**0**	**0**	**0**	**7**
Arkansas	0	0	0	0	0	0	123
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	1	0	0	0
Texas	0	0	0	0	0	0	142
Mountain	**5**	**89**	**0**	**3**	**0**	**0**	**11**
Arizona	0	0	0	1	0	0	0
Colorado	151	0	0	4	0	0	93
Idaho	0	0	0	11	0	0	46
Montana	4	10	0	362	0	0	10
Nevada	0	0	0	8	0	0	144
New Mexico	0	3,243	0	4	0	0	0
Utah	120	219	0	91	0	0	380
Wyoming	60	0	0	443	0	0	341
Pacific Contiguous	**2**	**19**	**385**	**1**	**0**	**0**	**31**
California	142	0	385	1	0	0	50
Oregon	0	0	0	1	0	0	51
Washington	0	82	0	0	0	0	60
Pacific Noncontiguous	**5**	**341**	**0**	**0**	**0**	**0**	**0**
Alaska	41	0	0	0	0	0	0
Hawaii	0	341	0	0	0	0	0
U.S. Total	**0**	**14**	**5**	**0**	**4**	**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 January 2014 (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**	**50**	**3**	**0**	**5**	**2**
Connecticut	0	0	0	195	4	0	7	1
Maine	0	0	0	0	2	0	14	3
Massachusetts	0	0	0	59	7	0	7	5
New Hampshire	0	0	0	0	10	0	43	2
Rhode Island	0	0	0	197	28	0	0	2
Vermont	0	0	0	134	22	0	0	5
Middle Atlantic	**0**	**0**	**0**	**25**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	30	10	0	12	1
New York	0	0	0	51	2	0	8	1
Pennsylvania	0	0	0	67	2	0	7	1
East North Central	**0**	**0**	**0**	**42**	**1**	**0**	**21**	**0**
Illinois	0	0	0	77	0	0	0	0
Indiana	0	0	0	63	1	0	0	2
Michigan	0	0	0	0	2	0	21	4
Ohio	0	0	0	77	3	0	0	0
Wisconsin	0	0	0	0	7	0	0	1
West North Central	**0**	**0**	**0**	**334**	**1**	**0**	**29**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	334	3	0	29	3
Missouri	0	0	0	0	1	0	0	5
Nebraska	0	0	0	0	1	0	0	1
North Dakota	0	0	0	0	1	0	0	1
South Dakota	0	0	0	0	0	0	0	0
South Atlantic	**0**	**0**	**0**	**21**	**2**	**0**	**4**	**1**
Delaware	0	0	0	90	36	0	0	3
Florida	0	0	0	72	3	0	5	3
Georgia	0	0	0	32	10	0	0	2
Maryland	0	0	0	58	4	0	0	1
North Carolina	0	0	0	27	11	0	24	5
South Carolina	0	0	0	275	65	0	0	13
Virginia	0	0	0	0	5	0	0	2
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**117**	**7**	**0**	**0**	**0**
Alabama	0	0	0	0	3	0	0	0
Kentucky	0	0	0	0	0	0	0	7
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	117	20	0	0	20
West South Central	**0**	**0**	**0**	**35**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	35	0	0	1
Louisiana	0	0	0	0	31	0	0	0
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	35	0	0	0	0
Mountain	**0**	**4**	**0**	**4**	**1**	**0**	**4**	**2**
Arizona	0	0	0	4	3	0	0	1
Colorado	0	0	0	29	1	0	107	2
Idaho	0	26	0	0	8	0	0	7
Montana	0	0	0	0	3	0	0	4
Nevada	0	4	0	9	4	0	0	3
New Mexico	0	204	0	33	2	0	0	2
Utah	0	9	0	382	7	0	142	42
Wyoming	0	0	0	0	2	0	0	9
Pacific Contiguous	**0**	**2**	**0**	**3**	**1**	**0**	**16**	**1**
California	0	2	0	3	2	0	16	1
Oregon	0	0	0	152	3	0	53	1
Washington	0	0	0	0	2	0	41	1
Pacific Noncontiguous	**0**	**0**	**0**	**101**	**12**	**0**	**0**	**119**
Alaska	0	0	0	0	85	0	0	38
Hawaii	0	0	0	101	11	0	0	127
U.S. Total	**0**	**2**	**0**	**4**	**0**	**0**	**3**	**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, January 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**100**	**0**	**35**	**0**	**0**	**347**
Connecticut	0	50,301	0	75	0	0	0
Maine	0	544	0	286	0	0	0
Massachusetts	0	122	0	28	0	0	347
New Hampshire	0	207	0	351	0	0	0
Rhode Island	0	331	0	213	0	0	0
Vermont	0	824	0	0	0	0	0
Middle Atlantic	**113**	**927**	**0**	**35**	**0**	**0**	**389**
New Jersey	0	3,987	0	115	0	0	0
New York	0	989	0	35	0	0	389
Pennsylvania	113	877	0	137	0	0	0
East North Central	**12**	**3,933**	**0**	**36**	**0**	**0**	**438**
Illinois	41	302	0	23	0	0	518
Indiana	13	13,887	0	192	0	0	0
Michigan	0	396	0	81	0	0	0
Ohio	242	1,250	0	87	0	0	0
Wisconsin	180	4,885	0	138	0	0	0
West North Central	**26**	**3,352**	**0**	**153**	**0**	**0**	**0**
Iowa	38	1,290	0	242	0	0	0
Minnesota	0	4,202	0	177	0	0	0
Missouri	0	2,352	0	0	0	0	0
Nebraska	0	0	0	2,231	0	0	0
North Dakota	0	2,742	0	0	0	0	0
South Dakota	0	3,992	0	0	0	0	0
South Atlantic	**15**	**189**	**0**	**85**	**0**	**0**	**149**
District of Columbia	0	0	0	185	0	0	0
Florida	0	0	0	136	0	0	0
Georgia	0	533	0	0	0	0	0
Maryland	119	191	0	110	0	0	0
North Carolina	0	1,484	0	0	0	0	134
South Carolina	0	2,094	0	0	0	0	748
Virginia	0	287	0	0	0	0	0
East South Central	**100**	**1,996**	**0**	**103**	**0**	**0**	**0**
Mississippi	0	0	0	136	0	0	0
Tennessee	100	1,996	0	117	0	0	0
West South Central	**0**	**8,872**	**0**	**20**	**0**	**0**	**0**
Arkansas	0	0	0	707	0	0	0
Louisiana	0	0	0	92	0	0	0
Oklahoma	0	31,900	0	0	0	0	0
Texas	0	8,909	0	20	0	0	0
Mountain	**0**	**2,974**	**0**	**34**	**0**	**0**	**787**
Arizona	0	2,974	0	62	0	0	0
Colorado	0	0	0	0	0	0	787
Nevada	0	0	0	78	0	0	0
New Mexico	0	0	0	71	0	0	0
Utah	0	0	0	98	0	0	0
Pacific Contiguous	**0**	**1,166**	**0**	**19**	**0**	**0**	**1,332**
California	0	1,163	0	17	0	0	1,332
Oregon	0	3,123,113	0	432	0	0	0
Washington	0	1,701	0	279	0	0	0
Pacific Noncontiguous	**16**	**117**	**0**	**1,206**	**0**	**0**	**0**
Alaska	16	123	0	1,206	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**10**	**250**	**0**	**13**	**0**	**0**	**143**

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, January 2014 (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**	**34**	**0**	**31**	**44**
Connecticut	0	0	0	0	0	0	0	77
Maine	0	0	0	0	36	0	31	74
Massachusetts	0	0	0	0	111	0	0	61
New Hampshire	0	0	0	0	68	0	0	170
Rhode Island	0	0	0	0	0	0	0	235
Vermont	0	0	0	0	337	0	0	663
Middle Atlantic	**0**	**0**	**0**	**63**	**12**	**0**	**9**	**64**
New Jersey	0	0	0	66	16	0	0	33
New York	0	0	0	0	25	0	20	110
Pennsylvania	0	0	0	207	12	0	0	41
East North Central	**0**	**0**	**0**	**308**	**21**	**0**	**15**	**24**
Illinois	0	0	0	0	717	0	0	21
Indiana	0	0	0	0	83	0	68	48
Michigan	0	0	0	0	20	0	14	46
Ohio	0	0	0	308	308	0	0	84
Wisconsin	0	0	0	0	100	0	0	111
West North Central	**0**	**0**	**0**	**0**	**37**	**0**	**50**	**40**
Iowa	0	0	0	0	78	0	0	37
Minnesota	0	0	0	0	76	0	50	116
Missouri	0	0	0	0	0	0	0	1
Nebraska	0	0	0	0	97	0	0	146
North Dakota	0	0	0	0	0	0	0	2,742
South Dakota	0	0	0	0	0	0	0	3,992
South Atlantic	**0**	**0**	**0**	**49**	**17**	**0**	**11**	**41**
Delaware	0	0	0	0	257	0	0	257
District of Columbia	0	0	0	0	0	0	0	185
Florida	0	0	0	435	66	0	0	65
Georgia	0	0	0	293	73	0	0	74
Maryland	0	0	0	247	78	0	282	109
North Carolina	0	0	0	50	50	0	0	17
South Carolina	0	0	0	0	0	0	0	724
Virginia	0	0	0	0	16	0	11	10
East South Central	**0**	**0**	**0**	**208**	**208**	**0**	**0**	**83**
Mississippi	0	0	0	0	0	0	0	136
Tennessee	0	0	0	208	208	0	0	92
West South Central	**0**	**0**	**0**	**368**	**60**	**0**	**0**	**21**
Arkansas	0	0	0	0	166	0	0	168
Louisiana	0	0	0	0	0	0	0	92
Oklahoma	0	0	0	0	0	0	0	31,900
Texas	0	0	0	368	64	0	0	21
Mountain	**0**	**0**	**0**	**83**	**81**	**0**	**0**	**32**
Arizona	0	0	0	132	132	0	0	57
Colorado	0	0	0	137	137	0	0	76
Nevada	0	0	0	158	158	0	0	72
New Mexico	0	0	0	0	320	0	0	70
Utah	0	0	0	0	0	0	0	98
Pacific Contiguous	**0**	**0**	**0**	**68**	**10**	**0**	**0**	**99**
California	0	0	0	68	10	0	0	101
Oregon	0	0	0	0	81	0	0	293
Washington	0	0	0	0	0	0	0	276
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8**
Alaska	0	0	0	0	0	0	0	21
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**36**	**7**	**0**	**6**	**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.

Table A.4.B. Relative Standard Error for Net Generation by Fuel Type:
Commercial Sector by Census Division and State, Year-to-Date through January 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**100**	**0**	**35**	**0**	**0**	**347**
Connecticut	0	50,301	0	75	0	0	0
Maine	0	544	0	286	0	0	0
Massachusetts	0	122	0	28	0	0	347
New Hampshire	0	207	0	351	0	0	0
Rhode Island	0	331	0	213	0	0	0
Vermont	0	824	0	0	0	0	0
Middle Atlantic	**113**	**927**	**0**	**35**	**0**	**0**	**389**
New Jersey	0	3,987	0	115	0	0	0
New York	0	989	0	35	0	0	389
Pennsylvania	113	877	0	137	0	0	0
East North Central	**12**	**3,933**	**0**	**36**	**0**	**0**	**438**
Illinois	41	302	0	23	0	0	518
Indiana	13	13,887	0	192	0	0	0
Michigan	0	396	0	81	0	0	0
Ohio	242	1,250	0	87	0	0	0
Wisconsin	180	4,885	0	138	0	0	0
West North Central	**26**	**3,352**	**0**	**153**	**0**	**0**	**0**
Iowa	38	1,290	0	242	0	0	0
Minnesota	0	4,202	0	177	0	0	0
Missouri	0	2,352	0	0	0	0	0
Nebraska	0	0	0	2,231	0	0	0
North Dakota	0	2,742	0	0	0	0	0
South Dakota	0	3,992	0	0	0	0	0
South Atlantic	**15**	**189**	**0**	**85**	**0**	**0**	**149**
District of Columbia	0	0	0	185	0	0	0
Florida	0	0	0	136	0	0	0
Georgia	0	533	0	0	0	0	0
Maryland	119	191	0	110	0	0	0
North Carolina	0	1,484	0	0	0	0	134
South Carolina	0	2,094	0	0	0	0	748
Virginia	0	287	0	0	0	0	0
East South Central	**100**	**1,996**	**0**	**103**	**0**	**0**	**0**
Mississippi	0	0	0	136	0	0	0
Tennessee	100	1,996	0	117	0	0	0
West South Central	**0**	**8,872**	**0**	**20**	**0**	**0**	**0**
Arkansas	0	0	0	707	0	0	0
Louisiana	0	0	0	92	0	0	0
Oklahoma	0	31,900	0	0	0	0	0
Texas	0	8,909	0	20	0	0	0
Mountain	**0**	**2,974**	**0**	**34**	**0**	**0**	**787**
Arizona	0	2,974	0	62	0	0	0
Colorado	0	0	0	0	0	0	787
Nevada	0	0	0	78	0	0	0
New Mexico	0	0	0	71	0	0	0
Utah	0	0	0	98	0	0	0
Pacific Contiguous	**0**	**1,166**	**0**	**19**	**0**	**0**	**1,332**
California	0	1,163	0	17	0	0	1,332
Oregon	0	3,123,113	0	432	0	0	0
Washington	0	1,701	0	279	0	0	0
Pacific Noncontiguous	**16**	**117**	**0**	**1,206**	**0**	**0**	**0**
Alaska	16	123	0	1,206	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**10**	**250**	**0**	**13**	**0**	**0**	**143**

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 January 2014 (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**	**34**	**0**	**31**	**44**
Connecticut	0	0	0	0	0	0	0	77
Maine	0	0	0	0	36	0	31	74
Massachusetts	0	0	0	0	111	0	0	61
New Hampshire	0	0	0	0	68	0	0	170
Rhode Island	0	0	0	0	0	0	0	235
Vermont	0	0	0	0	337	0	0	663
Middle Atlantic	**0**	**0**	**0**	**63**	**12**	**0**	**9**	**64**
New Jersey	0	0	0	66	16	0	0	33
New York	0	0	0	0	25	0	20	110
Pennsylvania	0	0	0	207	12	0	0	41
East North Central	**0**	**0**	**0**	**308**	**21**	**0**	**15**	**24**
Illinois	0	0	0	0	717	0	0	21
Indiana	0	0	0	0	83	0	68	48
Michigan	0	0	0	0	20	0	14	46
Ohio	0	0	0	308	308	0	0	84
Wisconsin	0	0	0	0	100	0	0	111
West North Central	**0**	**0**	**0**	**0**	**37**	**0**	**50**	**40**
Iowa	0	0	0	0	78	0	0	37
Minnesota	0	0	0	0	76	0	50	116
Missouri	0	0	0	0	0	0	0	1
Nebraska	0	0	0	0	97	0	0	146
North Dakota	0	0	0	0	0	0	0	2,742
South Dakota	0	0	0	0	0	0	0	3,992
South Atlantic	**0**	**0**	**0**	**49**	**17**	**0**	**11**	**41**
Delaware	0	0	0	0	257	0	0	257
District of Columbia	0	0	0	0	0	0	0	185
Florida	0	0	0	435	66	0	0	65
Georgia	0	0	0	293	73	0	0	74
Maryland	0	0	0	247	78	0	282	109
North Carolina	0	0	0	50	50	0	0	17
South Carolina	0	0	0	0	0	0	0	724
Virginia	0	0	0	0	16	0	11	10
East South Central	**0**	**0**	**0**	**208**	**208**	**0**	**0**	**83**
Mississippi	0	0	0	0	0	0	0	136
Tennessee	0	0	0	208	208	0	0	92
West South Central	**0**	**0**	**0**	**368**	**60**	**0**	**0**	**21**
Arkansas	0	0	0	0	166	0	0	168
Louisiana	0	0	0	0	0	0	0	92
Oklahoma	0	0	0	0	0	0	0	31,900
Texas	0	0	0	368	64	0	0	21
Mountain	**0**	**0**	**0**	**83**	**81**	**0**	**0**	**32**
Arizona	0	0	0	132	132	0	0	57
Colorado	0	0	0	137	137	0	0	76
Nevada	0	0	0	158	158	0	0	72
New Mexico	0	0	0	0	320	0	0	70
Utah	0	0	0	0	0	0	0	98
Pacific Contiguous	**0**	**0**	**0**	**68**	**10**	**0**	**0**	**99**
California	0	0	0	68	10	0	0	101
Oregon	0	0	0	0	81	0	0	293
Washington	0	0	0	0	0	0	0	276
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8**
Alaska	0	0	0	0	0	0	0	21
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**36**	**7**	**0**	**6**	**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.

Table A.5.A. Relative Standard Error for Net Generation by Fuel Type:
Industrial Sector by Census Division and State, January 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**25**	**137**	**0**	**29**	**0**	**0**	**29**
Connecticut	0	279	0	80	0	0	0
Maine	0	226	0	30	0	0	28
Massachusetts	93	192	0	119	0	0	370
New Hampshire	0	1,496	0	272	0	0	423
Vermont	0	0	0	0	0	0	179
Middle Atlantic	**11**	**156**	**80**	**37**	**17**	**0**	**111**
New Jersey	0	406	155	69	56	0	0
New York	0	140	0	74	0	0	111
Pennsylvania	18	798	93	52	13	0	0
East North Central	**6**	**200**	**53**	**39**	**13**	**0**	**92**
Illinois	7	15,950	0	80	43	0	0
Indiana	79	18	0	38	11	0	0
Michigan	22	279	109	135	0	0	218
Ohio	21	778	314	124	31	0	0
Wisconsin	9	95	0	86	0	0	102
West North Central	**8**	**106**	**0**	**122**	**111**	**0**	**109**
Iowa	8	1,283	0	279	0	0	0
Kansas	0	0	0	131	0	0	0
Minnesota	22	116	0	162	0	0	109
Missouri	63	0	0	1,155	0	0	0
Nebraska	28	0	0	549	0	0	0
North Dakota	58	169	0	577	111	0	0
South Atlantic	**15**	**44**	**0**	**7**	**0**	**0**	**8**
Delaware	0	0	0	0	0	0	0
Florida	102	87	0	10	0	0	0
Georgia	19	49	0	13	0	0	186
Maryland	0	0	0	155	0	0	0
North Carolina	101	156	0	30	0	0	11
South Carolina	10	0	0	47	0	0	0
Virginia	49	117	0	12	0	0	239
West Virginia	8	0	0	375	0	0	8
East South Central	**8**	**104**	**0**	**8**	**24**	**0**	**11**
Alabama	40	84	0	9	26	0	0
Kentucky	0	0	0	84	0	0	0
Mississippi	0	0	0	6	0	0	0
Tennessee	4	1,977	0	54	0	0	11
West South Central	**65**	**102**	**51**	**1**	**6**	**0**	**0**
Arkansas	0	0	0	12	0	0	0
Louisiana	152	0	67	1	6	0	0
Oklahoma	87	0	0	53	0	0	0
Texas	0	473	51	2	10	0	0
Mountain	**26**	**303**	**0**	**26**	**6**	**0**	**0**
Colorado	946	13,663	0	248	0	0	0
Idaho	58	0	0	154	0	0	0
Montana	155	0	0	0	0	0	0
Nevada	0	0	0	71	0	0	0
New Mexico	0	7,975	0	0	0	0	0
Utah	0	4,219	0	29	386	0	0
Wyoming	28	101	0	41	6	0	0
Pacific Contiguous	**0**	**101**	**0**	**6**	**8**	**0**	**899**
California	0	762	0	6	8	0	0
Oregon	0	0	0	160	0	0	0
Washington	0	59	0	0	0	0	899
Pacific Noncontiguous	**279**	**178**	**0**	**399**	**87**	**0**	**145**
Alaska	0	150	0	399	417	0	0
Hawaii	279	196	0	0	87	0	145
U.S. Total	**5**	**49**	**32**	**2**	**6**	**0**	**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, January 2014 (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**	**23**	**12**
Connecticut	0	0	0	0	0	0	0	83
Maine	0	0	0	0	8	0	31	11
Massachusetts	0	0	0	0	0	0	0	23
New Hampshire	0	0	0	0	0	0	0	228
Vermont	0	0	0	0	0	0	0	179
Middle Atlantic	**0**	**0**	**0**	**134**	**12**	**0**	**0**	**14**
New Jersey	0	0	0	317	317	0	0	51
New York	0	0	0	0	9	0	0	23
Pennsylvania	0	0	0	148	17	0	0	17
East North Central	**0**	**0**	**0**	**0**	**11**	**0**	**10**	**7**
Illinois	0	0	0	0	0	0	19	10
Indiana	0	0	0	0	91	0	0	10
Michigan	0	0	0	0	16	0	0	27
Ohio	0	0	0	0	18	0	0	19
Wisconsin	0	0	0	0	20	0	44	12
West North Central	**0**	**0**	**0**	**0**	**15**	**0**	**41**	**9**
Iowa	0	0	0	0	0	0	0	9
Kansas	0	0	0	0	0	0	0	131
Minnesota	0	0	0	0	16	0	41	19
Missouri	0	0	0	0	170	0	0	61
Nebraska	0	0	0	0	0	0	0	34
North Dakota	0	0	0	0	169	0	0	83
South Atlantic	**0**	**0**	**0**	**0**	**4**	**0**	**4**	**3**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	10	0	4	7
Georgia	0	0	0	0	6	0	5	5
Maryland	0	0	0	0	0	0	0	20
North Carolina	0	0	0	0	11	0	0	11
South Carolina	0	0	0	0	2	0	0	2
Virginia	0	0	0	0	8	0	0	11
West Virginia	0	0	0	0	0	0	0	7
East South Central	**0**	**0**	**0**	**0**	**6**	**0**	**129**	**4**
Alabama	0	0	0	0	9	0	0	7
Kentucky	0	0	0	0	6	0	0	29
Mississippi	0	0	0	0	6	0	633	4
Tennessee	0	0	0	0	17	0	0	7
West South Central	**0**	**0**	**0**	**0**	**6**	**0**	**6**	**1**
Arkansas	0	0	0	0	6	0	0	5
Louisiana	0	0	0	0	10	0	4	2
Oklahoma	0	0	0	0	32	0	60	38
Texas	0	0	0	0	17	0	16	2
Mountain	**0**	**0**	**0**	**1,291**	**4**	**0**	**8**	**13**
Colorado	0	0	0	0	373	0	47	85
Idaho	0	0	0	0	3	0	0	23
Montana	0	0	0	0	0	0	0	155
Nevada	0	0	0	1,291	1,291	0	0	71
New Mexico	0	0	0	0	0	0	0	7,975
Utah	0	0	0	0	0	0	0	21
Wyoming	0	0	0	0	0	0	0	19
Pacific Contiguous	**0**	**0**	**0**	**212**	**11**	**0**	**7**	**5**
California	0	0	0	212	25	0	8	5
Oregon	0	0	0	0	16	0	0	37
Washington	0	0	0	0	13	0	0	11
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**38**	**0**	**0**	**83**
Alaska	0	0	0	0	0	0	0	266
Hawaii	0	0	0	0	38	0	0	86
U.S. Total	**0**	**0**	**0**	**119**	**3**	**0**	**4**	**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.5.B. Relative Standard Error for Net Generation by Fuel Type:
Industrial Sector by Census Division and State, Year-to-Date through January 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**25**	**137**	**0**	**29**	**0**	**0**	**29**
Connecticut	0	279	0	80	0	0	0
Maine	0	226	0	30	0	0	28
Massachusetts	93	192	0	119	0	0	370
New Hampshire	0	1,496	0	272	0	0	423
Vermont	0	0	0	0	0	0	179
Middle Atlantic	**11**	**156**	**80**	**37**	**17**	**0**	**111**
New Jersey	0	406	155	69	56	0	0
New York	0	140	0	74	0	0	111
Pennsylvania	18	798	93	52	13	0	0
East North Central	**6**	**200**	**53**	**39**	**13**	**0**	**92**
Illinois	7	15,950	0	80	43	0	0
Indiana	79	18	0	38	11	0	0
Michigan	22	279	109	135	0	0	218
Ohio	21	778	314	124	31	0	0
Wisconsin	9	95	0	86	0	0	102
West North Central	**8**	**106**	**0**	**122**	**111**	**0**	**109**
Iowa	8	1,283	0	279	0	0	0
Kansas	0	0	0	131	0	0	0
Minnesota	22	116	0	162	0	0	109
Missouri	63	0	0	1,155	0	0	0
Nebraska	28	0	0	549	0	0	0
North Dakota	58	169	0	577	111	0	0
South Atlantic	**15**	**44**	**0**	**7**	**0**	**0**	**8**
Delaware	0	0	0	0	0	0	0
Florida	102	87	0	10	0	0	0
Georgia	19	49	0	13	0	0	186
Maryland	0	0	0	155	0	0	0
North Carolina	101	156	0	30	0	0	11
South Carolina	10	0	0	47	0	0	0
Virginia	49	117	0	12	0	0	239
West Virginia	8	0	0	375	0	0	8
East South Central	**8**	**104**	**0**	**8**	**24**	**0**	**11**
Alabama	40	84	0	9	26	0	0
Kentucky	0	0	0	84	0	0	0
Mississippi	0	0	0	6	0	0	0
Tennessee	4	1,977	0	54	0	0	11
West South Central	**65**	**102**	**51**	**1**	**6**	**0**	**0**
Arkansas	0	0	0	12	0	0	0
Louisiana	152	0	67	1	6	0	0
Oklahoma	87	0	0	53	0	0	0
Texas	0	473	51	2	10	0	0
Mountain	**26**	**303**	**0**	**26**	**6**	**0**	**0**
Colorado	946	13,663	0	248	0	0	0
Idaho	58	0	0	154	0	0	0
Montana	155	0	0	0	0	0	0
Nevada	0	0	0	71	0	0	0
New Mexico	0	7,975	0	0	0	0	0
Utah	0	4,219	0	29	386	0	0
Wyoming	28	101	0	41	6	0	0
Pacific Contiguous	**0**	**101**	**0**	**6**	**8**	**0**	**899**
California	0	762	0	6	8	0	0
Oregon	0	0	0	160	0	0	0
Washington	0	59	0	0	0	0	899
Pacific Noncontiguous	**279**	**178**	**0**	**399**	**87**	**0**	**145**
Alaska	0	150	0	399	417	0	0
Hawaii	279	196	0	0	87	0	145
U.S. Total	**5**	**49**	**32**	**2**	**6**	**0**	**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.B. Relative Standard Error for Net Generation by Fuel Type:

Industrial Sector by Census Division and State, Year-to-Date through January 2014 (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**	**23**	**12**
Connecticut	0	0	0	0	0	0	0	83
Maine	0	0	0	0	8	0	31	11
Massachusetts	0	0	0	0	0	0	0	23
New Hampshire	0	0	0	0	0	0	0	228
Vermont	0	0	0	0	0	0	0	179
Middle Atlantic	**0**	**0**	**0**	**134**	**12**	**0**	**0**	**14**
New Jersey	0	0	0	317	317	0	0	51
New York	0	0	0	0	9	0	0	23
Pennsylvania	0	0	0	148	17	0	0	17
East North Central	**0**	**0**	**0**	**0**	**11**	**0**	**10**	**7**
Illinois	0	0	0	0	0	0	19	10
Indiana	0	0	0	0	91	0	0	10
Michigan	0	0	0	0	16	0	0	27
Ohio	0	0	0	0	18	0	0	19
Wisconsin	0	0	0	0	20	0	44	12
West North Central	**0**	**0**	**0**	**0**	**15**	**0**	**41**	**9**
Iowa	0	0	0	0	0	0	0	9
Kansas	0	0	0	0	0	0	0	131
Minnesota	0	0	0	0	16	0	41	19
Missouri	0	0	0	0	170	0	0	61
Nebraska	0	0	0	0	0	0	0	34
North Dakota	0	0	0	0	169	0	0	83
South Atlantic	**0**	**0**	**0**	**0**	**4**	**0**	**4**	**3**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	10	0	4	7
Georgia	0	0	0	0	6	0	5	5
Maryland	0	0	0	0	0	0	0	20
North Carolina	0	0	0	0	11	0	0	11
South Carolina	0	0	0	0	2	0	0	2
Virginia	0	0	0	0	8	0	0	11
West Virginia	0	0	0	0	0	0	0	7
East South Central	**0**	**0**	**0**	**0**	**6**	**0**	**129**	**4**
Alabama	0	0	0	0	9	0	0	7
Kentucky	0	0	0	0	6	0	0	29
Mississippi	0	0	0	0	6	0	633	4
Tennessee	0	0	0	0	17	0	0	7
West South Central	**0**	**0**	**0**	**0**	**6**	**0**	**6**	**1**
Arkansas	0	0	0	0	6	0	0	5
Louisiana	0	0	0	0	10	0	4	2
Oklahoma	0	0	0	0	32	0	60	38
Texas	0	0	0	0	17	0	16	2
Mountain	**0**	**0**	**0**	**1,291**	**4**	**0**	**8**	**13**
Colorado	0	0	0	0	373	0	47	85
Idaho	0	0	0	0	3	0	0	23
Montana	0	0	0	0	0	0	0	155
Nevada	0	0	0	1,291	1,291	0	0	71
New Mexico	0	0	0	0	0	0	0	7,975
Utah	0	0	0	0	0	0	0	21
Wyoming	0	0	0	0	0	0	0	19
Pacific Contiguous	**0**	**0**	**0**	**212**	**11**	**0**	**7**	**5**
California	0	0	0	212	25	0	8	5
Oregon	0	0	0	0	16	0	0	37
Washington	0	0	0	0	13	0	0	11
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**38**	**0**	**0**	**83**
Alaska	0	0	0	0	0	0	0	266
Hawaii	0	0	0	0	38	0	0	86
U.S. Total	**0**	**0**	**0**	**119**	**3**	**0**	**4**	**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.6.A. Relative Standard Error for Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, January 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**1**	**0**	**4**	**0**	**1**
Connecticut	1	1	6	0	1
Maine	1	1	2	0	1
Massachusetts	1	1	8	0	1
New Hampshire	1	1	5	0	1
Rhode Island	0	0	0	0	0
Vermont	4	3	7	0	3
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	1	0	3	0	0
New York	1	0	3	0	0
Pennsylvania	1	0	1	0	0
East North Central	**1**	**0**	**1**	**0**	**0**
Illinois	1	1	2	0	1
Indiana	2	2	2	0	1
Michigan	1	1	1	0	0
Ohio	1	1	2	0	1
Wisconsin	1	1	2	0	1
West North Central	**1**	**1**	**1**	**0**	**1**
Iowa	1	2	2	0	1
Kansas	2	2	3	0	1
Minnesota	1	1	2	0	1
Missouri	2	1	5	0	1
Nebraska	2	2	3	0	1
North Dakota	1	1	5	0	2
South Dakota	2	3	5	0	2
South Atlantic	**1**	**0**	**1**	**0**	**0**
Delaware	2	2	9	0	2
District of Columbia	0	0	0	0	0
Florida	1	1	2	0	1
Georgia	2	1	2	0	1
Maryland	1	1	5	0	1
North Carolina	1	1	1	0	1
South Carolina	2	1	1	0	1
Virginia	1	1	2	0	1
West Virginia	0	0	0	0	0
East South Central	**1**	**1**	**1**	**0**	**1**
Alabama	2	1	1	0	1
Kentucky	2	2	3	0	1
Mississippi	3	2	2	0	1
Tennessee	2	2	5	0	1
West South Central	**1**	**1**	**1**	**1**	**0**
Arkansas	2	2	2	501	1
Louisiana	2	1	1	0	1
Oklahoma	2	2	2	0	1
Texas	1	1	1	0	1
Mountain	**1**	**1**	**1**	**0**	**0**
Arizona	1	1	2	0	1
Colorado	2	2	2	0	1
Idaho	1	1	2	0	1
Montana	2	2	3	0	1
Nevada	1	1	0	0	0
New Mexico	3	3	3	0	2
Utah	2	2	1	0	1
Wyoming	2	2	1	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	1	0	1	0	0
Oregon	1	1	4	0	1
Washington	1	1	2	0	1
Pacific Noncontiguous	**1**	**2**	**2**	**0**	**1**
Alaska	3	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.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 January 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**1**	**0**	**4**	**0**	**1**
Connecticut	1	1	6	0	1
Maine	1	1	2	0	1
Massachusetts	1	1	8	0	1
New Hampshire	1	1	5	0	1
Rhode Island	0	0	0	0	0
Vermont	4	3	7	0	3
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	1	0	3	0	0
New York	1	0	3	0	0
Pennsylvania	1	0	1	0	0
East North Central	**1**	**0**	**1**	**0**	**0**
Illinois	1	1	2	0	1
Indiana	2	2	2	0	1
Michigan	1	1	1	0	0
Ohio	1	1	2	0	1
Wisconsin	1	1	2	0	1
West North Central	**1**	**1**	**1**	**0**	**1**
Iowa	1	2	2	0	1
Kansas	2	2	3	0	1
Minnesota	1	1	2	0	1
Missouri	2	1	5	0	1
Nebraska	2	2	3	0	1
North Dakota	1	1	5	0	2
South Dakota	2	3	5	0	2
South Atlantic	**1**	**0**	**1**	**0**	**0**
Delaware	2	2	9	0	2
District of Columbia	0	0	0	0	0
Florida	1	1	2	0	1
Georgia	2	1	2	0	1
Maryland	1	1	5	0	1
North Carolina	1	1	1	0	1
South Carolina	2	1	1	0	1
Virginia	1	1	2	0	1
West Virginia	0	0	0	0	0
East South Central	**1**	**1**	**1**	**0**	**1**
Alabama	2	1	1	0	1
Kentucky	2	2	3	0	1
Mississippi	3	2	2	0	1
Tennessee	2	2	5	0	1
West South Central	**1**	**1**	**1**	**1**	**0**
Arkansas	2	2	2	501	1
Louisiana	2	1	1	0	1
Oklahoma	2	2	2	0	1
Texas	1	1	1	0	1
Mountain	**1**	**1**	**1**	**0**	**0**
Arizona	1	1	2	0	1
Colorado	2	2	2	0	1
Idaho	1	1	2	0	1
Montana	2	2	3	0	1
Nevada	1	1	0	0	0
New Mexico	3	3	3	0	2
Utah	2	2	1	0	1
Wyoming	2	2	1	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	1	0	1	0	0
Oregon	1	1	4	0	1
Washington	1	1	2	0	1
Pacific Noncontiguous	**1**	**2**	**2**	**0**	**1**
Alaska	3	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.7.A. Relative Standard Error for Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, January 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**3**	**23**	**1**
Connecticut	1	1	4	0	1
Maine	1	2	3	0	1
Massachusetts	1	1	6	68	1
New Hampshire	1	1	5	0	1
Rhode Island	0	9	0	0	4
Vermont	3	3	9	0	2
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	2	0	0
New York	0	0	2	0	0
Pennsylvania	0	1	2	0	1
East North Central	**1**	**0**	**1**	**0**	**0**
Illinois	1	1	4	0	1
Indiana	2	1	3	0	1
Michigan	1	1	1	0	0
Ohio	1	1	4	0	1
Wisconsin	1	1	2	0	1
West North Central	**1**	**1**	**2**	**0**	**1**
Iowa	2	2	3	0	1
Kansas	2	2	5	0	2
Minnesota	1	1	3	0	1
Missouri	2	1	8	0	1
Nebraska	2	3	5	0	2
North Dakota	2	2	5	0	2
South Dakota	2	3	6	0	2
South Atlantic	**1**	**1**	**1**	**15**	**0**
Delaware	2	9	10	0	4
District of Columbia	0	7	0	42	5
Florida	1	1	4	0	1
Georgia	2	1	2	0	1
Maryland	1	1	3	0	1
North Carolina	1	1	3	0	1
South Carolina	2	1	2	0	1
Virginia	1	1	3	0	1
West Virginia	0	1	1	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	2	2	2	0	1
Kentucky	2	2	4	0	2
Mississippi	3	2	4	0	2
Tennessee	1	2	7	0	1
West South Central	**1**	**1**	**1**	**2**	**1**
Arkansas	2	3	4	460	2
Louisiana	2	2	1	0	1
Oklahoma	2	2	4	0	2
Texas	1	1	2	0	1
Mountain	**1**	**1**	**1**	**0**	**1**
Arizona	1	1	3	0	1
Colorado	2	2	5	0	2
Idaho	1	1	2	0	1
Montana	2	2	5	0	2
Nevada	1	2	1	0	1
New Mexico	4	4	7	0	2
Utah	3	3	2	0	2
Wyoming	2	2	2	0	1
Pacific Contiguous	**0**	**0**	**2**	**0**	**0**
California	1	0	2	0	0
Oregon	1	1	4	0	1
Washington	1	1	3	0	1
Pacific Noncontiguous	**1**	**1**	**1**	**0**	**1**
Alaska	3	3	5	0	2
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**3**	**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 January 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**3**	**23**	**1**
Connecticut	1	1	4	0	1
Maine	1	2	3	0	1
Massachusetts	1	1	6	68	1
New Hampshire	1	1	5	0	1
Rhode Island	0	9	0	0	4
Vermont	3	3	9	0	2
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	2	0	0
New York	0	0	2	0	0
Pennsylvania	0	1	2	0	1
East North Central	**1**	**0**	**1**	**0**	**0**
Illinois	1	1	4	0	1
Indiana	2	1	3	0	1
Michigan	1	1	1	0	0
Ohio	1	1	4	0	1
Wisconsin	1	1	2	0	1
West North Central	**1**	**1**	**2**	**0**	**1**
Iowa	2	2	3	0	1
Kansas	2	2	5	0	2
Minnesota	1	1	3	0	1
Missouri	2	1	8	0	1
Nebraska	2	3	5	0	2
North Dakota	2	2	5	0	2
South Dakota	2	3	6	0	2
South Atlantic	**1**	**1**	**1**	**15**	**0**
Delaware	2	9	10	0	4
District of Columbia	0	7	0	42	5
Florida	1	1	4	0	1
Georgia	2	1	2	0	1
Maryland	1	1	3	0	1
North Carolina	1	1	3	0	1
South Carolina	2	1	2	0	1
Virginia	1	1	3	0	1
West Virginia	0	1	1	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	2	2	2	0	1
Kentucky	2	2	4	0	2
Mississippi	3	2	4	0	2
Tennessee	1	2	7	0	1
West South Central	**1**	**1**	**1**	**2**	**1**
Arkansas	2	3	4	460	2
Louisiana	2	2	1	0	1
Oklahoma	2	2	4	0	2
Texas	1	1	2	0	1
Mountain	**1**	**1**	**1**	**0**	**1**
Arizona	1	1	3	0	1
Colorado	2	2	5	0	2
Idaho	1	1	2	0	1
Montana	2	2	5	0	2
Nevada	1	2	1	0	1
New Mexico	4	4	7	0	2
Utah	3	3	2	0	2
Wyoming	2	2	2	0	1
Pacific Contiguous	**0**	**0**	**2**	**0**	**0**
California	1	0	2	0	0
Oregon	1	1	4	0	1
Washington	1	1	3	0	1
Pacific Noncontiguous	**1**	**1**	**1**	**0**	**1**
Alaska	3	3	5	0	2
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**3**	**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, January 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**2**	**23**	**0**
Connecticut	0	0	4	0	0
Maine	0	2	1	0	1
Massachusetts	1	0	4	68	1
New Hampshire	0	0	2	0	0
Rhode Island	0	9	0	0	4
Vermont	2	1	4	0	1
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	1	0	0
New York	0	0	1	0	0
Pennsylvania	0	1	2	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	0	0	3	0	0
Indiana	1	0	1	0	0
Michigan	0	0	0	0	0
Ohio	0	0	2	0	0
Wisconsin	1	1	1	0	0
West North Central	**0**	**0**	**1**	**0**	**0**
Iowa	1	1	2	0	1
Kansas	1	1	3	0	1
Minnesota	1	1	1	0	1
Missouri	1	0	4	0	1
Nebraska	1	1	2	0	1
North Dakota	1	1	2	0	1
South Dakota	2	1	2	0	1
South Atlantic	**0**	**0**	**1**	**15**	**0**
Delaware	1	9	4	0	3
District of Columbia	0	7	0	42	5
Florida	1	0	2	0	0
Georgia	1	1	1	0	1
Maryland	0	0	2	0	0
North Carolina	1	1	2	0	0
South Carolina	1	1	1	0	1
Virginia	0	0	2	0	0
West Virginia	0	0	0	0	0
East South Central	**0**	**0**	**1**	**0**	**0**
Alabama	1	1	1	0	1
Kentucky	1	0	2	0	1
Mississippi	1	1	2	0	1
Tennessee	0	0	3	0	0
West South Central	**1**	**0**	**1**	**1**	**0**
Arkansas	1	2	2	144	1
Louisiana	1	1	1	0	1
Oklahoma	1	1	3	0	1
Texas	1	0	1	0	0
Mountain	**0**	**1**	**1**	**0**	**0**
Arizona	0	1	2	0	0
Colorado	1	1	3	0	1
Idaho	1	1	1	0	0
Montana	1	1	2	0	1
Nevada	0	1	1	0	0
New Mexico	1	2	4	0	1
Utah	1	2	1	0	1
Wyoming	2	1	1	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	1	2	0	1
Washington	1	1	1	0	0
Pacific Noncontiguous	**1**	**1**	**1**	**0**	**1**
Alaska	2	2	2	0	1
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**3**	**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 January 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**2**	**23**	**0**
Connecticut	0	0	4	0	0
Maine	0	2	1	0	1
Massachusetts	1	0	4	68	1
New Hampshire	0	0	2	0	0
Rhode Island	0	9	0	0	4
Vermont	2	1	4	0	1
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	1	0	0
New York	0	0	1	0	0
Pennsylvania	0	1	2	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	0	0	3	0	0
Indiana	1	0	1	0	0
Michigan	0	0	0	0	0
Ohio	0	0	2	0	0
Wisconsin	1	1	1	0	0
West North Central	**0**	**0**	**1**	**0**	**0**
Iowa	1	1	2	0	1
Kansas	1	1	3	0	1
Minnesota	1	1	1	0	1
Missouri	1	0	4	0	1
Nebraska	1	1	2	0	1
North Dakota	1	1	2	0	1
South Dakota	2	1	2	0	1
South Atlantic	**0**	**0**	**1**	**15**	**0**
Delaware	1	9	4	0	3
District of Columbia	0	7	0	42	5
Florida	1	0	2	0	0
Georgia	1	1	1	0	1
Maryland	0	0	2	0	0
North Carolina	1	1	2	0	0
South Carolina	1	1	1	0	1
Virginia	0	0	2	0	0
West Virginia	0	0	0	0	0
East South Central	**0**	**0**	**1**	**0**	**0**
Alabama	1	1	1	0	1
Kentucky	1	0	2	0	1
Mississippi	1	1	2	0	1
Tennessee	0	0	3	0	0
West South Central	**1**	**0**	**1**	**1**	**0**
Arkansas	1	2	2	144	1
Louisiana	1	1	1	0	1
Oklahoma	1	1	3	0	1
Texas	1	0	1	0	0
Mountain	**0**	**1**	**1**	**0**	**0**
Arizona	0	1	2	0	0
Colorado	1	1	3	0	1
Idaho	1	1	1	0	0
Montana	1	1	2	0	1
Nevada	0	1	1	0	0
New Mexico	1	2	4	0	1
Utah	1	2	1	0	1
Wyoming	2	1	1	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	1	2	0	1
Washington	1	1	1	0	0
Pacific Noncontiguous	**1**	**1**	**1**	**0**	**1**
Alaska	2	2	2	0	1
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**3**	**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 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	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 8:44 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 8:49 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	01/18/2014 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	01/27/2014 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

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, 2013

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
2013	1	01/17/2013 6:07 PM	01/20/2013 7:30 PM	73 Hours, 23 Minutes	American Electric Power (AEP)	RFC	Southwest Virginia, Southern West Virginia	Severe Weather - Winter Storm	Unknown	127000
2013	1	01/17/2013 7:02 PM	01/19/2013 6:00 PM	46 Hours, 58 Minutes	Tennessee Valley Authority	SERC	Northeast Tennessee	Severe Weather - Winter Storm	Unknown	80000
2013	1	01/17/2013 8:35 PM	01/17/2013 9:20 PM	0 Hours, 45 Minutes	North Carolina Eastern M P A	SERC	Elizabeth City, North Carolina	Distribution Interruption	40	12000
2013	1	01/20/2013 3:30 AM	01/23/2013 6:15 AM	74 Hours, 45 Minutes	Detroit Edison Co	RFC	Southeastern Michigan	Severe Weather - Wind Storm	Unknown	146500
2013	1	01/31/2013 3:05 AM	01/31/2013 4:48 AM	1 Hours, 43 Minutes	Dominion Virginia Power	SERC	Central and Eastern Virginia	Severe Weather - Wind Storm	188	119000
2013	1	01/31/2013 6:30 AM	01/31/2013 10:00 AM	3 Hours, 30 Minutes	ISO New England	NPCC	Connecticut	Severe Weather - Wind Storm	75	75000
2013	2	02/08/2013 11:38 AM	02/08/2013 2:17 PM	2 Hours, 39 Minutes	Potomac Electric Power Company	RFC	District of Columbia; Prince George's County Maryland	Equipment Trip & Failure	140	52000
2013	2	02/08/2013 8:00 PM	02/11/2013 8:30 PM	72 Hours, 30 Minutes	ISO New England/National Grid	NPCC	Central and eastern Massachusetts; Rhode Island	Severe Weather - Winter Storm Nemo	N/A	50000
2013	2	02/08/2013 8:55 PM	02/12/2013 4:00 AM	79 Hours, 5 Minutes	ISO New England/NSTAR	NPCC	Boston area and Southeast Massachusetts	Severe Weather - Winter Storm Nemo	Unknown	50000
2013	2	02/10/2013 7:46 PM	02/10/2013 8:15 PM	0 Hours, 29 Minutes	Puerto Rico Electric Power Authority	N/A	Puerto Rico	Generator Trip; Voltage Reduction	350	Unknown
2013	2	02/13/2013 5:39 PM	02/15/2013 5:50 PM	48 Hours, 11 Minutes	Footprint Power Salem Harbor Operations LLC	NPCC	Eastern Massachusetts	Fuel Supply Emergency - Petroleum	1	1
2013	2	02/19/2013 4:01 PM	02/20/2013 12:55 PM	20 Hours, 54 Minutes	Pacific Gas & Electric Co.	WECC	Stockton, California	Electrical System Separation (Islanding)	13850	6810
2013	2	02/26/2013 1:00 PM	03/01/2013 10:00 AM	69 Hours, 0 Minutes	Associated Electric Coop, Inc	SERC	Northern Missouri	Severe Weather - Winter Storm Nemo	Unknown	56444
2013	3	03/03/2013 6:39 AM	03/03/2013 10:29 AM	3 Hours, 50 Minutes	Pacific Gas & Electric Co	WECC	Merced County, California	Transmission System Interruption	300	58850
2013	3	03/04/2013 9:49 AM	03/04/2013 10:00 PM	12 Hours, 11 Minutes	Puerto Rico Electric Power Authority	N/A	Metropolitan area Puerto Rico	Equipment Failure; Transmission System Interruption	Unknown	Unknown
2013	3	03/06/2013 8:22 AM	03/07/2013 10:27 AM	26 Hours, 5 Minutes	Dominion Virginia Power	SERC	Northwest Virginia	Severe Weather - Winter Storm	400	233000
2013	3	03/18/2013 5:21 AM	03/18/2013 5:41 AM	0 Hours, 20 Minutes	Puerto Rico Electric Power Authority	N/A	Systemwide Puerto Rico	Generator Trip; Load Shed	350	262937
2013	3	03/18/2013 7:30 PM	03/20/2013 2:30 PM	43 Hours, 0 Minutes	Southern Company	SERC	North/Central Alabama; Georgia	Severe Weather - Thunderstorms	800	240000
2013	4	04/18/2013 3:00 PM	04/21/2013 3:30 AM	60 Hours, 30 Minutes	Detroit Edison Co	RFC	Southeast Michigan, Michigan	Severe Weather - Storms and Wind	Unknown	99000
2013	4	04/23/2013 12:49 AM	04/23/2013 4:04 AM	3 Hours, 15 Minutes	Pacific Gas & Electric Co	WECC	South of Humboldt California	Electrical System Separation (Islanding)	80	1
2013	5	05/01/2013 9:22 AM	05/01/2013 9:24 AM	0 Hours, 2 Minutes	Xcel Energy/Public Service Company of Colorado	WECC	Northeast Colorado	Electrical System Separation (Islanding)	123	35230
2013	5	05/02/2013 6:52 AM	05/02/2013 10:07 AM	3 Hours, 15 Minutes	WECC	WECC	Unknown	Electrical System Separation (Islanding)	Unknown	Unknown
2013	5	05/09/2013 1:21 PM	05/09/2013 4:21 PM	3 Hours, 0 Minutes	WECC	WECC	Alberta, Canada; Washington State	Electrical System Separation (Islanding)	Unknown	Unknown
2013	5	05/13/2013 12:52 PM	12/01/2013 12:00 AM	4,835 Hours, 8 Minutes	California Department of Water Resources	WECC	Central California	Fuel Supply Emergency - Hydro	176	Unknown
2013	5	05/14/2013 12:01 AM	05/14/2013 1:59 PM	13 Hours, 58 Minutes	PacifiCorp	WECC	Portland, Oregon	Vandalism/Theft	N/A	N/A
2013	5	05/20/2013 3:00 PM	05/22/2013 5:00 PM	50 Hours, 0 Minutes	Oklahoma Gas & Electric Co	SPP	Moore, Oklahoma	Severe Weather - Tornados	Unknown	41306
2013	5	05/20/2013 5:22 PM	05/20/2013 9:09 PM	3 Hours, 47 Minutes	Entergy Transmission - SOC	SERC	Gonzales Area Louisiana	Generator Trip; Load Shed 100+ MW	103	21800
2013	5	05/22/2013 10:51 AM	05/22/2013 10:57 AM	0 Hours, 6 Minutes	Puerto Rico Electric Power Authority	N/A	System wide Puerto Rico	System Wide Voltage Reduction	280	197287
2013	5	05/29/2013 8:58 PM	05/31/2013 2:53 PM	41 Hours, 55 Minutes	Niagara Mohawk Power Corp.	NPCC	Central and Eastern New York	Severe Weather - Thunderstorms	Unknown	61795
2013	5	05/31/2013 1:00 AM	05/31/2013 1:30 AM	0 Hours, 30 Minutes	Southwest Power Pool, Inc.	SPP	Maumelle, Arkansas	Severe Weather - Lightning	N/A	N/A
2013	5	05/31/2013 6:00 PM	06/04/2013 10:30 AM	88 Hours, 30 Minutes	Oklahoma Gas & Electric Co	SPP	El Reno, S. Oklahoma City, Oklahoma	Severe Weather - Tornados	Unknown	127000
2013	5	05/31/2013 7:07 PM	06/01/2013 2:15 PM	19 Hours, 8 Minutes	Coffeyville Municipal Light and Power	MRO	Southeast Kansas, Northeast Oklahoma	Transmission System Interruption	102	6300
2013	5	05/31/2013 7:30 PM	06/01/2013 8:00 PM	24 Hours, 30 Minutes	Ameren Missouri	SERC	St. Louis Metro Area Missouri	Severe Weather - Thunderstorms	Unknown	100000
2013	6	06/03/2013 12:50 PM	06/03/2013 1:36 PM	0 Hours, 46 Minutes	WECC RC Vancouver	WECC	Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2013	6	06/13/2013 1:17 PM	06/14/2013 5:35 PM	28 Hours, 18 Minutes	Duke Energy Carolinas	SERC	Western Piedmont North Carolina	Severe Weather - Thunderstorms	1000	175000
2013	6	06/13/2013 3:20 PM	06/14/2013 9:10 PM	29 Hours, 50 Minutes	American Electric Power	RFC; SERC	Ohio; Virginia; West Virginia	Severe Weather - Thunderstorms	Unknown	90247
2013	6	06/13/2013 3:30 PM	06/13/2013 4:00 PM	0 Hours, 30 Minutes	Potomac Electric Power Company	RFC	District of Columbia; Maryland	Loss of 300+ MW Load; Severe Weather - Thunderstorms	700	40000
2013	6	06/13/2013 4:08 PM	06/14/2013 5:16 PM	25 Hours, 8 Minutes	Dominion Virginia Power	SERC	Richmond Metro area, Virginia	Severe Weather - Thunderstorms	900	283000
2013	6	06/13/2013 5:45 PM	06/14/2013 6:30 PM	24 Hours, 45 Minutes	Duke Energy Progress	SERC	Central and Eastern North Carolina	Severe Weather - Thunderstorms	Unknown	53000
2013	6	06/13/2013 8:47 PM	06/14/2013 10:47 PM	26 Hours, 0 Minutes	Southern Company	SERC	Southern Company Territory	Severe Weather - Thunderstorms	550	165798
2013	6	06/17/2013 4:17 PM	06/17/2013 6:49 PM	2 Hours, 32 Minutes	Tampa Electric Co	FRCC	Hillsborough County Florida	Load Shed of 100+ MW Under Emergency Operational Policy	180	37
2013	6	06/18/2013 3:51 PM	06/18/2013 4:23 PM	0 Hours, 32 Minutes	Western Area Power Administration	WECC	Wyoming	Electrical System Separation (Islanding)	6	Unknown
2013	6	06/19/2013 7:57 PM	06/19/2013 8:09 PM	0 Hours, 12 Minutes	Western Electricity Coordinating Council	WECC	Alberta, Canada	Electrical System Separation (Islanding)	Unknown	Unknown
2013	6	06/21/2013 3:00 AM	06/26/2013 12:00 PM	129 Hours, 0 Minutes	Xcel Energy	MRO	Minnesota	Severe Weather - Hailstorm	Unknown	193000
2013	6	06/21/2013 5:39 PM	06/24/2013 6:00 AM	60 Hours, 21 Minutes	Xcel Energy	MRO	Minneapolis/St. Paul area Minnesota	Severe Weather - Hailstorm	Unknown	400000
2013	6	06/23/2013 9:20 PM	06/24/2013 1:35 AM	4 Hours, 15 Minutes	Pacific Gas & Electric Co	WECC	Central Coast California	Severe Weather - Fog	Unknown	148000
2013	6	06/24/2013 7:30 PM	06/25/2013 5:46 PM	22 Hours, 16 Minutes	Exelon Corporation/ComEd	RFC	Illinois	Severe Weather - Thunderstorms	Unknown	283451
2013	6	06/24/2013 7:30 PM	06/26/2013 5:00 PM	45 Hours, 30 Minutes	Northern Indiana Public Service Company	RFC	Indiana	Severe Weather - Thunderstorms	Unknown	86615
2013	6	06/27/2013 5:00 PM	06/28/2013 12:00 AM	7 Hours, 0 Minutes	Detroit Edison Co	RFC	South Eastern Michigan	Severe Weather - Thunderstorms	Unknown	138000
2013	6	06/28/2013 6:02 PM	06/28/2013 8:46 PM	2 Hours, 44 Minutes	Southern California Edison Co	WECC	Los Angeles and Orange Counties, California	Equipment Failure	240	65255
2013	7	07/02/2013 2:20 PM	07/05/2013 3:30 PM	73 Hours, 10 Minutes	Western Electricity Coordinating Council	WECC	Alberta, Canada	Load Shed 100+MW	200	Unknown
2013	7	07/03/2013 12:04 PM	07/03/2013 12:48 PM	0 Hours, 44 Minutes	Puerto Rico Electric Power Authority	N/A	System-wide Puerto Rico	Voltage Reduction; Line and Generator Trip	480	393000
2013	7	07/10/2013 5:30 PM	07/11/2013 8:00 PM	26 Hours, 30 Minutes	American Electric Power	RFC	AEP Ohio Power Footprint	Severe Weather - Thunderstorms	N/A	122314
2013	7	07/17/2013 3:30 PM	07/19/2013 6:45 AM	39 Hours, 15 Minutes	Long Island Power Authority	NPCC	Holtsville, New York	Fuel Supply Emergency (Natural Gas)	417	Unknown
2013	7	07/18/2013 11:30 AM	07/19/2013 5:30 PM	30 Hours, 0 Minutes	Niagara Mohawk Power Corp.	NPCC	Upstate New York	Public Appeal - Heatwave	Unknown	Unknown
2013	7	07/18/2013 11:45 PM	07/19/2013 10:05 AM	10 Hours, 20 Minutes	San Diego Gas & Electric Co	WECC	Southern Orange County California	Equipment Failure	200	123000
2013	7	07/19/2013 6:00 PM	07/20/2013 9:00 AM	15 Hours, 0 Minutes	Detroit Edison Co	RFC	Michigan	Severe Weather - Thunderstorms	Unknown	156627
2013	7	07/19/2013 10:30 PM	07/21/2013 8:00 PM	45 Hours, 30 Minutes	Niagara Mohawk Power Corporation (dba National Grid)	NPCC	New York	Severe Weather - Thunderstorms	Unknown	74300
2013	7	07/23/2013 11:38 PM	07/25/2013 4:30 AM	28 Hours, 52 Minutes	American Electric Power	SPP	Tulsa, Oklahoma	Severe Weather - Thunderstorms	500	92748
2013	8	08/01/2013 6:54 PM	08/01/2013 7:37 PM	0 Hours, 43 Minutes	WECC RC Vancouver	WECC	Western British Columbia	Electrical System Separation (Islanding	420	Unknown
2013	8	08/01/2013 11:19 PM	08/02/2013 12:49 AM	1 Hours, 30 Minutes	Florida Power & Light Co	FRCC	Daytona Beach Florida	Load Shed 200+ MW	297	104498
2013	8	08/05/2013 6:35 PM	08/05/2013 6:45 PM	0 Hours, 10 Minutes	WECC RC Vancouver	WECC	Alberta, Canada	Electrical System Separation (Islanding); Severe Weather	Unknown	Unknown
2013	8	08/07/2013 12:15 AM	08/07/2013 9:27 PM	21 Hours, 12 Minutes	We Energies	MRO	Eastern Central Wisconsin	Severe Weather - Thunderstorms	220	51160
2013	8	08/07/2013 7:30 AM	08/07/2013 9:14 AM	1 Hours, 44 Minutes	Wisconsin Public Service Corp	MRO	Wisconsin	Fuel Supply Emergency (Natural Gas & Fuel Oil)	Unknown	Unknown

Table B.2 Major Disturbances and Unusual Occurrences, 2013

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
2013	8	08/16/2013 4:58 PM	08/17/2013 11:58 PM	31 Hours, 0 Minutes	CenterPoint Energy	TRE	Houston Service Area Texas	Severe Weather - Thunderstorms	Unknown	219681
2013	8	08/19/2013 7:06 PM	08/20/2013 6:02 AM	10 Hours, 56 Minutes	Southern California Edison Co	WECC	Central California	Severe Weather - Lightning Strike	685	124000
2013	8	08/29/2013 2:57 PM	08/29/2013 3:29 PM	0 Hours, 32 Minutes	Xcel Energy	MRO	Ashland, Wisconsin	Electrical System Separation (Islanding); Severe Weather	15	7000
2013	8	08/30/2013 7:30 PM	08/31/2013 1:30 AM	6 Hours, 0 Minutes	Exelon Corporation/ComEd	RFC	Entire ComEd territory Illinois	Severe Weather - Thunderstorms	Unknown	157000
2013	9	09/10/2013 5:42 PM	09/11/2013 12:02 AM	6 Hours, 20 Minutes	PJM Interconnection	RFC	Erie, Pennsylvania	Load Shed of 100+ MW	105	Unknown
2013	9	09/11/2013 4:00 PM	09/15/2013 4:00 PM	96 Hours, 0 Minutes	Detroit Edison Co	RFC	Southeastern Michigan	Severe Weather - Thunderstorms	400	75000
2013	10	10/21/2013 5:18 AM	10/21/2013 5:33 AM	0 Hours, 15 Minutes	Pacific Gas & Electric Co	WECC	Location Unknown	Electrical System Separation (Islanding)	115	433
2013	10	10/27/2013 4:27 AM	10/27/2013 10:27 PM	18 Hours, 0 Minutes	CenterPoint Energy	TRE	Houston, Texas	Severe Weather - Hail Storm	Unknown	171117
2013	11	11/02/2013 12:00 AM	11/04/2013 6:00 AM	54 Hours, 0 Minutes	Puget Sound Energy	WECC	King, Whatcom, and Skagit, Washington	Severe Weather - Heavy Winds	Unknown	105000
2013	11	11/12/2013 9:14 AM	11/12/2013 10:30 AM	1 Hours, 16 Minutes	Farmers' Electric Coop, Inc	SPP	Eastern Central New Mexico	Loss of Power from Wholesale Provider; Major Distribution Disruption	Unknown	Unknown
2013	11	11/12/2013 2:04 PM	11/12/2013 2:05 PM	0 Hours, 1 Minutes	Pacific Gas & Electric Co	WECC	Valle, California	Electrical System Separation (Islanding)	55	48400
2013	11	11/17/2013 7:00 AM	11/20/2013 6:54 PM	83 Hours, 54 Minutes	Detroit Edison Co	RFC	Michigan	Severe Weather - Ice and Snow Storm	Unknown	325325
2013	11	11/17/2013 12:35 PM	11/17/2013 1:40 PM	1 Hours, 5 Minutes	City of Rochelle	RFC	Rochelle, Indiana	System-wide voltage reductions of 3 percent or more	38	7500
2013	11	11/17/2013 12:35 PM	11/20/2013 11:00 AM	70 Hours, 25 Minutes	Ameren Missouri	SERC	Central Missouri, Central Illinois	Severe Weather - Tornadoes	Unknown	200000
2013	11	11/17/2013 1:06 PM	11/20/2013 1:06 PM	72 Hours, 0 Minutes	Northern Indiana Public Service Company	RFC	North Central Indiana	Severe Weather - Thunderstorms	Unknown	75065
2013	11	11/17/2013 2:31 PM	11/17/2013 10:30 PM	7 Hours, 59 Minutes	Commonwealth Edison Co	RFC	Entire ComEd Territory Illinois	Severe Weather - Thunderstorms	Unknown	190000
2013	11	11/17/2013 4:19 PM	11/18/2013 6:00 PM	25 Hours, 41 Minutes	American Electric Power	RFC	Indiana, Michigan	Severe Weather - Thunderstorms	Unknown	77346
2013	11	11/17/2013 4:45 PM	11/21/2013 4:45 PM	96 Hours, 0 Minutes	Consumers Energy Co	RFC	Entire Lower Peninsula Michigan	Severe Weather - Thunderstorms	Unknown	50000
2013	11	11/17/2013 4:47 PM	11/20/2013 11:59 AM	67 Hours, 12 Minutes	Duke Energy Indiana Inc	RFC	Central Indiana	Severe Weather - Tornadoes	535	61705
2013	11	11/17/2013 4:47 PM	11/20/2013 4:47 PM	72 Hours, 0 Minutes	Duke Energy Midwest	RFC	Central Indiana	Severe Weather - Thunderstorms	Unknown	61705
2013	11	11/21/2013 7:45 PM	11/22/2013 3:20 AM	7 Hours, 35 Minutes	Pacific Gas & Electric Co	WECC	Northern California	Severe Weather - Wind Storm	150	89500
2013	12	12/04/2013 5:00 AM	12/04/2013 4:17 PM	11 Hours, 17 Minutes	WECC - Loveland	WECC	Idaho Falls Area Idaho, Utah-Idaho Border Utah	Load Shed 100+ MW	150	Unknown
2013	12	12/06/2013 1:51 AM	12/11/2013 12:00 PM	130 Hours, 9 Minutes	Oncor Electric Delivery Company LLC	TRE	Greater Houston, Texas	Severe Weather - Ice/Snow	Unknown	881000
2013	12	12/09/2013 6:54 AM	12/09/2013 2:22 PM	7 Hours, 28 Minutes	Dominion Virginia Power	SERC	Virginia Service Territory	Severe Weather - Ice/Snow	293	88000
2013	12	12/13/2013 11:00 AM	12/27/2013 11:00 AM	336 Hours, 0 Minutes	Texas Municipal Power Agency	TE	Texas	Fuel Supply Emergencies (Coal)	Unknown	Unknown
2013	12	12/13/2013 11:00 AM	12/27/2013 11:00 AM	336 Hours, 0 Minutes	City of Garland	TRE	Texas	Fuel Supply Emergencies (Coal)	Unknown	Unknown
2013	12	12/22/2013 3:28 AM	12/28/2013 11:45 PM	164 Hours, 17 Minutes	Consumers Energy Co	RFC	Southern Lower Penninsula, Michigan	Severe Weather - Ice/Snow	Unknown	50000
2013	12	12/22/2013 6:16 AM	12/24/2013 11:59 PM	65 Hours, 43 Minutes	Niagara Mohawk Power Corp.	NPCC	Frontier/Genesee/Northern New York	Severe Weather - Ice/Snow	Unknown	59000
2013	12	12/22/2013 6:30 AM	12/25/2013 5:12 AM	70 Hours, 42 Minutes	Detroit Edison Co	RFC	Michigan	Severe Weather - Ice/Snow	350	140735
2013	12	12/23/2013 3:20 PM	12/25/2013 11:32 AM	44 Hours, 12 Minutes	Central Maine Power Co	NPCC	Central Maine Maine	Severe Weather - Ice/Snow	Unknown	52500

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:

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

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, January 2014

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	22.69	6.10	--	1.03
Connecticut	18.41	6.27	--	1.02
Maine	25.18	6.31	--	1.02
Massachusetts	22.87	6.25	--	1.04
New Hampshire	26.00	5.80	--	1.04
Rhode Island	--	5.82	--	1.03
Vermont	--	--	--	--
Middle Atlantic	23.25	6.01	--	1.03
New Jersey	25.45	6.01	--	1.03
New York	20.41	6.07	--	1.03
Pennsylvania	23.41	5.84	--	1.04
East North Central	20.02	5.81	27.78	1.03
Illinois	17.75	5.81	--	1.02
Indiana	22.23	5.75	28.00	1.02
Michigan	18.56	5.81	27.47	1.02
Ohio	23.92	5.79	27.75	1.04
Wisconsin	17.88	5.90	27.86	1.02
West North Central	16.61	5.78	--	1.03
Iowa	17.38	5.79	--	1.04
Kansas	17.22	5.77	--	1.02
Minnesota	17.86	5.74	--	1.04
Missouri	17.60	5.76	--	1.03
Nebraska	17.05	5.80	--	1.03
North Dakota	13.14	5.84	--	--
South Dakota	16.64	6.00	--	1.04
South Atlantic	23.43	5.88	28.21	1.02
Delaware	25.88	5.67	--	1.05
District of Columbia	--	--	--	--
Florida	23.43	5.79	28.22	1.02
Georgia	18.84	5.85	25.35	1.02
Maryland	24.73	5.86	--	1.06
North Carolina	24.84	5.80	--	1.02
South Carolina	25.19	5.80	--	1.03
Virginia	22.27	5.97	--	1.04
West Virginia	24.47	5.73	--	1.03
East South Central	21.21	5.80	27.50	1.02
Alabama	20.40	5.81	--	1.02
Kentucky	22.78	5.80	27.50	1.03
Mississippi	14.95	--	--	1.02
Tennessee	21.00	5.76	--	1.01
West South Central	15.95	5.82	28.81	1.03
Arkansas	17.62	5.84	--	1.03
Louisiana	17.36	5.79	28.81	1.03
Oklahoma	17.26	5.75	--	1.04
Texas	15.20	5.83	--	1.02
Mountain	18.72	5.75	--	1.03
Arizona	19.22	5.70	--	1.02
Colorado	19.06	5.90	--	1.04
Idaho	--	--	--	1.01
Montana	17.12	5.92	--	--
Nevada	19.59	5.83	--	1.03
New Mexico	17.89	5.66	--	1.03
Utah	21.84	5.76	--	1.03
Wyoming	17.50	5.82	--	1.09
Pacific Contiguous	17.13	6.00	--	1.03
California	23.02	--	--	1.03
Oregon	16.70	--	--	1.03
Washington	16.76	6.00	--	1.03
Pacific Noncontiguous	20.30	6.12	--	1.00
Alaska	--	--	--	1.00
Hawaii	20.30	6.12	--	--
U.S. Total	19.11	5.96	28.25	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, 2010 through 2012

	Mean Absolute Value of Percent Change Total (All Sectors)		
Item	**2010**	**2011**	**2012**
Net Generation			
Coal	0.20%	0.15%	0.20%
Petroleum Liquids	1.88%	2.67%	4.25%
Petroleum Coke	1.75%	14.41%	2.45%
Natural Gas	0.76%	0.41%	0.46%
Other Gases	1.55%	2.95%	6.36%
Hydroelectric	0.97%	2.03%	0.70%
Nuclear	0.00%	0.00%	0.00%
Other	0.78%	1.03%	1.08%
Total	**0.17%**	**0.16%**	**0.20%**
Consumption of Fossil Fuels for Electricity Generation			
Coal	0.11%	0.23%	0.16%
Petroleum Liquids	1.49%	2.90%	4.47%
Petroleum Coke	1.50%	9.93%	3.99%
Natural Gas	0.70%	0.28%	0.37%
Fuel Stocks for Electric Power Sector			
Coal	0.18%	0.46%	0.57%
Petroleum Liquids	0.67%	0.55%	0.64%
Petroleum Coke	3.76%	2.64%	8.22%
Retail Sales			
Residential	0.32%	0.15%	0.16%
Commercial	0.14%	0.66%	0.39%
Industrial	0.90%	1.61%	0.50%
Transportation	2.18%	0.88%	2.44%
Total	**0.17%**	**0.64%**	**0.27%**
Revenue			
Residential	0.70%	0.73%	0.13%
Commercial	0.61%	0.24%	0.20%
Industrial	0.66%	0.58%	0.20%
Transportation	4.24%	0.29%	1.09%
Total	**0.45%**	**0.31%**	**0.13%**
Average Retail Price			
Residential	0.43%	0.66%	0.10%
Commercial	0.67%	0.79%	0.27%
Industrial	0.41%	1.02%	0.39%
Transportation	3.87%	1.08%	1.57%
Total	**0.56%**	**0.90%**	**0.21%**
Receipt of Fossil Fuels			
Coal	0.58%	1.15%	0.99%
Petroleum Liquids	4.09%	5.25%	23.68%
Petroleum Coke	3.77%	16.19%	13.72%
Natural Gas	0.81%	0.52%	10.47%
Cost of Fossil Fuels			
Coal	0.18%	0.31%	0.90%
Petroleum Liquids	0.24%	1.55%	0.53%
Petroleum Coke	2.37%	8.98%	11.66%
Natural Gas	0.20%	0.50%	0.77%

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, 2010 through 2012

Item	2010 Preliminary Annual Data	2010 Final Annual Data	2010 Percent Change	2011 Preliminary Annual Data	2011 Final Annual Data	2011 Percent Change	2012 Preliminary Annual Data	2012 Final Annual Data	2012 Percent Change
Net Generation (Thousand MWh)									
Coal	1,850,750	1,847,290	-0.19%	1,734,265	1,733,430	-0.05%	1,517,203	1,514,043	-0.21%
Petroleum Liquids	23,397	23,337	-0.26%	15,840	16,086	1.56%	13,209	13,403	1.47%
Petroleum Coke	13,528	13,724	1.45%	12,322	14,096	14.39%	9,691	9,787	0.99%
Natural Gas	981,815	987,697	0.60%	1,016,595	1,013,689	-0.29%	1,230,708	1,225,894	-0.39%
Other Gases	11,193	11,313	1.07%	11,269	11,566	2.64%	11,212	11,898	6.11%
Hydroelectric	252,961	254,702	0.69%	319,162	312,934	-1.95%	271,878	271,290	-0.22%
Nuclear	806,968	806,968	0.00%	790,225	790,204	0.00%	769,331	769,331	0.00%
Other	179,416	180,028	0.34%	206,057	208,135	1.01%	231,253	232,120	0.37%
Total	**4,120,028**	**4,125,060**	**0.12%**	**4,105,734**	**4,100,141**	**-0.14%**	**4,054,485**	**4,047,765**	**-0.17%**
Consumption of Fossil Fuels for Electricity Generation									
Coal (1,000 tons)	979,555	979,684	0.01%	932,911	934,938	0.22%	826,700	825,734	-0.12%
Petroleum Liquids (1,000 barrels)	40,041	40,103	0.15%	26,728	27,326	2.24%	22,523	22,604	0.36%
Petroleum Coke (1,000 tons)	4,956	4,994	0.76%	4,561	5,012	9.89%	3,552	3,675	3.44%
Natural Gas (1,000 Mcf)	7,633,469	7,680,185	0.61%	7,880,481	7,883,865	0.04%	9,465,207	9,484,710	0.21%
Fuel Stocks for Electric Power Sector									
Coal (1,000 tons)	175,160	174,917	-0.14%	175,100	172,387	-1.55%	184,923	185,116	0.10%
Petroleum Liquids (1,000 barrels)	36,126	35,706	-1.16%	35,260	34,847	-1.17%	31,897	32,224	1.03%
Petroleum Coke (1,000 tons)	1,087	1,019	-6.31%	470	508	8.17%	495	495	-0.01%
Retail Sales (Million kWh)									
Residential	1,450,758	1,445,708	-0.35%	1,423,700	1,422,801	-0.06%	1,374,594	1,374,515	-0.01%
Commercial	1,329,322	1,330,199	0.07%	1,319,288	1,328,057	0.66%	1,323,844	1,327,101	0.25%
Industrial	962,165	970,873	0.91%	975,569	991,316	1.61%	980,837	985,714	0.50%
Transportation	7,740	7,712	-0.35%	7,606	7,672	0.87%	7,504	7,320	-2.45%
Total	**3,749,985**	**3,754,493**	**0.12%**	**3,726,163**	**3,749,846**	**0.64%**	**3,686,780**	**3,694,650**	**0.21%**
Revenue (Million Dollars)									
Residential	167,957	166,782	-0.70%	167,930	166,714	-0.72%	163,352	163,280	-0.04%
Commercial	136,361	135,559	-0.59%	136,138	135,926	-0.16%	133,908	133,898	-0.01%
Industrial	65,311	65,750	0.67%	67,212	67,606	0.59%	65,691	65,761	0.11%
Transportation	848	815	-3.94%	805	803	-0.25%	754	747	-0.90%
Total	**370,477**	**368,906**	**-0.42%**	**372,084**	**371,049**	**-0.28%**	**363,705**	**363,687**	**0.00%**
Average Retail Price (Cents/kWh)									
Residential	11.58	11.54	-0.35%	11.80	11.72	-0.66%	11.88	11.88	-0.04%
Commercial	10.26	10.19	-0.65%	10.32	10.23	-0.81%	10.12	10.09	-0.25%
Industrial	6.79	6.77	-0.23%	6.89	6.82	-1.01%	6.70	6.67	-0.39%
Transportation	10.96	10.57	-3.61%	10.58	10.46	-1.11%	10.05	10.21	1.59%
Total	**9.88**	**9.83**	**-0.54%**	**9.99**	**9.90**	**-0.91%**	**9.87**	**9.84**	**-0.22%**
Receipt of Fossil Fuels									
Coal (1,000 tons)	976,052	979,918	0.40%	945,581	956,538	1.16%	849,667	841,183	-1.00%
Petroleum Liquids (1,000 barrels)	46,156	45,472	-1.48%	34,342	36,158	5.29%	25,485	19,464	-23.63%
Petroleum Coke (1,000 tons)	5,868	5,963	1.61%	5,163	5,980	15.82%	4,858	4,180	-13.95%
Natural Gas (1,000 Mcf)	8,605,619	8,673,070	0.78%	9,025,066	9,056,164	0.34%	10,631,822	9,531,389	-10.35%
Cost of Fossil Fuels (Dollars per Million Btu)									
Coal (1,000 tons)	2.27	2.27	0.10%	2.40	2.39	-0.25%	2.40	2.38	-0.89%
Petroleum Liquids (1,000 barrels)	14.03	14.02	-0.06%	20.10	19.94	-0.76%	21.82	21.85	0.12%
Petroleum Coke (1,000 tons)	2.23	2.28	2.36%	2.80	3.03	8.27%	2.54	2.24	-11.90%
Natural Gas (1,000 Mcf)	5.08	5.09	0.20%	4.71	4.72	0.41%	3.40	3.42	0.64%

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 2012 are Final.
Sources: U.S. Energy Information Administration, Form EIA-923 'Power Plant Operations Report'; Form EIA-423, 'Monthly Cost and Quality of Fuels for Electric Plants Report'; Form EIA-826, 'Monthly Electric Sales and Revenue With State Distributions Report'; Form EIA-906, 'Power Plant Report;' Form EIA-920 'Combined Heat and Power Plant Report'; and Federal Energy Regulatory Commission, FERC Form 423, 'Monthly Report of Cost and Quality of Fuels for Electric Plants.'

Table C.4. Unit of Measure Equivalents for Electricity

Unit	Equivalent
Kilowatt (kW)	1,000 (One Thousand) Watts
Megawatt (MW)	1,000,000 (One Million) Watts
Gigawatt (GW)	1,000,000,000 (One Billion) Watts
Terawatt (TW)	1,000,000,000,000 (One Trillion) Watts
Gigawatt	1,000,000 (One Million) Kilowatts
Thousand Gigawatts	1,000,000,000 (One Billion) Kilowatts
Kilowatthours (kWh)	1,000 (One Thousand) Watthours
Megawatthours (MWh)	1,000,000 (One Million) Watthours
Gigawatthours (GWh)	1,000,000,000 (One Billion) Watthours
Terawatthours (TWh)	1,000,000,000,000 (One Trillion) Watthours
Gigawatthours	1,000,000 (One Million) Kilowatthours
Thousand Gigawatthours	1,000,000,000(One Billion Kilowatthours

Source: U.S. Energy Information Administration

Glossary

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1) *No. 1 Distillate:* A light petroleum distillate that can be used as either a diesel fuel (see No. 1 Diesel Fuel) or a fuel oil. See No. 1 Fuel Oil.

- *No. 1 Diesel fuel:* A light distillate fuel oil that has distillation temperatures of 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines, such as those in city buses and similar vehicles. See No. 1 Distillate above.
- *No. 1 Fuel oil:* A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See No. 1 Distillate above.

2) *No. 2 Distillate:* A petroleum distillate that can be used as either a diesel fuel (see No. 2 Diesel Fuel definition below) or a fuel oil. See No. 2 Fuel oil below.

- *No. 2 Diesel fuel:* A fuel that has distillation temperatures of 500 degrees Fahrenheit at the 10-percent recovery point and 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See No. 2 Distillate above.

3) *No. 4 Fuel:* A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms with ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

- *No. 4 Diesel fuel and No. 4 Fuel oil:* See No. 4 Fuel above.

Electric industry restructuring: The process of replacing a monopolistic system of electric utility suppliers with competing sellers, allowing individual retail customers to choose their supplier but still receive delivery over the power lines of the local utility. It includes the reconfiguration of vertically integrated electric utilities.

Electric plant (physical): A facility containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or fission energy into electric energy.

Electric power sector: An energy-consuming sector that consists of electricity-only and combined-heat-and-power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public-- i. e., North American Industry Classification System 22 plants.

Electric utility: A corporation, person, agency, authority, or other legal entity or instrumentality aligned with distribution facilities for delivery of electric energy for use primarily by the public. Included are investor-owned electric utilities, municipal and State utilities, Federal electric utilities, and rural electric cooperatives. A few entities that are tariff based and corporately aligned with companies that own distribution facilities are also included. Note: Due to the issuance of FERC Order 888 that required traditional electric utilities to functionally unbundle their generation, transmission, and distribution operations, "electric utility" currently has inconsistent interpretations from State to State.

Electricity: A form of energy characterized by the presence and motion of elementary charged particles generated by friction, induction, or chemical change.

Electricity generation: The process of producing electric energy or the amount of electric energy produced by transforming other forms of energy, commonly expressed in kilowatthours (kWh) or megawatthours (MWh).

Electricity generators: The facilities that produce only electricity, commonly expressed in kilowatthours (kWh) or megawatthours (MWh).

Energy: The capacity for doing work as measured by the capability of doing work (potential energy) or the conversion of this capability to motion (kinetic energy). Energy has several forms, some of which are easily convertible and can be changed to another form useful for work. Most of the world's convertible energy comes from fossil fuels that are burned to produce heat that is then used as a transfer medium to mechanical or other means in order to accomplish tasks. Electrical energy is usually measured in kilowatthours, while heat energy is usually measured in British thermal units.

Energy conservation features: This includes building shell conservation features, HVAC conservation features, lighting conservation features, any conservation features, and other conservation features incorporated by the building. However, this category does not include any demand-side management (DSM) program participation by the building. Any DSM program participation is included in the DSM Programs.

Energy efficiency: Refers to programs that are aimed at reducing the energy used by specific end-use devices and systems, typically without affecting the services provided. These programs reduce overall electricity consumption (reported in megawatthours), often without explicit consideration for the timing of program-induced savings. Such savings are generally achieved by substituting technically more advanced equipment to produce the same level of end-use services (e.g. lighting, heating, motor drive) with less electricity. Examples include high-efficiency appliances, efficient lighting programs, high-efficiency heating, ventilating and air conditioning (HVAC) systems or control modifications, efficient building design, advanced electric motor drives, and heat recovery systems.

Energy service provider: An energy entity that provides service to a retail or end-use customer.

Energy source: Any substance or natural phenomenon that can be consumed or transformed to supply heat or power. Examples include petroleum, coal, natural gas, nuclear, biomass, electricity, wind, sunlight, geothermal, water movement, and hydrogen in fuel cells.

Energy-only service: Retail sales services for which the company provided only the energy consumed, where another entity provides delivery services.

Fossil fuel: An energy source formed in the earths crust from decayed organic material. The common fossil fuels are petroleum, coal, and natural gas.

Franchised service area: A specified geographical area in which a utility has been granted the exclusive right to serve customers. A franchise allows an entity to use city streets, alleys and other public lands in order to provide, distribute, and sell services to the community.

Fuel: Any material substance that can be consumed to supply heat or power. Included are petroleum, coal, and natural gas (the fossil fuels), and other consumable materials, such as uranium, biomass, and hydrogen.

Gas: A fuel burned under boilers and by internal combustion engines for electric generation. These include natural, manufactured and waste gas.

Gas turbine plant: An electric generating facility in which the prime mover is a gas (combustion) turbine. A gas turbine typically consists of an air compressor and one or more combustion chambers where either liquid or gaseous fuel is burned. The resulting hot gases are passed through the turbine where they expand to drive both an electric generator and the compressor.

Generating unit: Any combination of physically connected generators, reactors, boilers, combustion turbines, or other prime movers operated together to produce electric power.

Generator: A machine that converts mechanical energy into electrical energy.

Generator capacity: The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, adjusted for ambient conditions.

Generator nameplate capacity (installed): The maximum rated output of a generator, prime mover, or other electric power production equipment under specific conditions designated by the manufacturer. Installed generator nameplate capacity is commonly expressed in megawatts (MW) and is usually indicated on a nameplate physically attached to the generator.

Geothermal: Pertaining to heat within the Earth.

Geothermal energy: Hot water or steam extracted from geothermal reservoirs in the earth's crust. Water or steam extracted from geothermal reservoirs can be used for geothermal heat pumps, water heating, or electricity generation.

Gigawatt (GW): One billion watts.

Gigawatthour (GWh): One billion watthours.

Gross generation: The total amount of electric energy produced by generating units and measured at the generating terminal in kilowatthours (kWh) or megawatthours (MWh).

Heat content: The amount or number of British thermal units (Btu) produced by the combustion of fuel, measured in Btu/unit of measure.

Hydroelectric power: The production of electricity from the kinetic energy of falling water.

Hydroelectric power generation: Electricity generated by an electric power plant whose turbines are driven by falling water. It includes electric utility and industrial generation of hydroelectricity, unless otherwise specified. Generation is reported on a net basis, i.e., on the amount of electric energy generated after the electric energy consumed by station auxiliaries and the losses in the transformers that are considered integral parts of the station are deducted.

Hydroelectric pumped storage: Hydroelectricity that is generated during peak loads by using water previously pumped into an elevated storage reservoir during off-peak periods when excess generating capacity is available to do so. When additional generating capacity is needed, the water can be released from the reservoir through a conduit to turbine generators located in a power plant at a lower level.

Hydrogen: A colorless, odorless, highly flammable gaseous element. It is the lightest of all gases and the most abundant element in the universe, occurring chiefly in combination with oxygen in water and also in acids, bases, alcohols, petroleum, and other hydrocarbons.

Independent power producer: A corporation, person, agency, authority, or other legal entity or instrumentality that owns or operates facilities for the generation of electricity for use primarily by the public, and that is not an electric utility.

Industrial sector: An energy-consuming sector that consists of all facilities and equipment used for producing, processing, or assembling goods. The industrial sector encompasses the following types of activity: manufacturing (NAICS codes 31-33); agriculture, forestry, and hunting (NAICS code 11); mining, including oil and gas extraction (NAICS code 21); natural gas distribution (NAICS code 2212); and construction (NAICS code 23). Overall energy use in this sector is largely for process heat and cooling and powering machinery, with lesser amounts used for facility heating, air conditioning, and lighting. Fossil fuels are also used as raw material inputs to manufactured products. Note: This sector includes generators that produce electricity and/or useful thermal output primarily to support the above-mentioned industrial activities.

Interdepartmental service (electric): Interdepartmental service includes amounts charged by the electric department at tariff or other specified rates for electricity supplied by it to other utility departments.

Internal combustion plant: A plant in which the prime mover is an internal combustion engine. An internal combustion engine has one or more cylinders in which the process of combustion takes place, converting energy released from the rapid burning of a fuel-air mixture into mechanical energy. Diesel or gas-fired engines are the principal types used in electric plants. The plant is usually operated during periods of high demand for electricity.

Investor-owned utility (IOU): A privately-owned electric utility whose stock is publicly traded. It is rate regulated and authorized to achieve an allowed rate of return.

Jet fuel: A refined petroleum product used in jet aircraft engines. It includes kerosene-type jet fuel and naphtha-type jet fuel.

Kerosene: A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil.

Kilowatt (kW): One thousand watts.

Kilowatthour (kWh): One thousand watthours.

Light oil: Lighter fuel oils distilled off during the refining process. Virtually all petroleum used in internal combustion and gas-turbine engines is light oil.

Lignite: The lowest rank of coal, often referred to as brown coal, used almost exclusively as fuel for steam-electric power generation. It is brownish-black and has a high inherent moisture content, sometimes as high as 45 percent. The heat content of lignite ranges from 9 to 17 million Btu per ton on a moist, mineral-matter-free basis. The heat content of lignite consumed in the United States averages 13 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

Manufactured gas: A gas obtained by destructive distillation of coal, or by thermal decomposition of oil, or by the reaction of steam passing through a bed of heated coal or coke. Examples are coal gases, coke oven gases, producer gas, blast furnace gas, blue (water) gas, and carbureted water gas

Mcf: One thousand cubic feet.

Megawatt (MW): One million watts of electricity.

Megawatthour (MWh): One million watthours.

Municipal utility: A nonprofit utility, owned by a local municipality and operated as a department thereof, governed by a city council or an independently elected or appointed board; primarily involved in the distribution and/or sale of retail electric power.

Natural gas: A gaseous mixture of hydrocarbon compounds, the primary one being methane. Note: The Energy Information Administration measures wet natural gas and its two sources of production, associated/dissolved natural gas and nonassociated natural gas, and dry natural gas, which is produced from wet natural gas.

1) *Wet natural gas:* A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or in solution with crude oil in porous rock formations at reservoir conditions. The principal hydrocarbons normally contained in the mixture are methane, ethane, propane, butane, and pentane. Typical nonhydrocarbon gases that may be present in reservoir natural gas are water vapor, carbon dioxide, hydrogen sulfide, nitrogen and trace amounts of helium. Under reservoir conditions, natural gas and its associated liquefiable portions occur either in a single gaseous phase in the reservoir or in solution with crude oil and are not distinguishable at the time as separate substances. Note: The Securities and Exchange Commission and the Financial Accounting Standards Board refer to this product as natural gas.

   - Associated-dissolved natural gas: Natural gas that occurs in crude oil reservoirs either as free gas (associated) or as gas in solution with crude oil (dissolved gas).
   - Nonassociated natural gas: Natural gas that is not in contact with significant quantities of crude oil in the reservoir.

2) *Dry natural gas:* Natural gas which remains after: 1) the liquefiable hydrocarbon portion has been removed from the gas stream (i.e., gas after lease, field, and/or plant separation); and 2) any volumes of nonhydrocarbon gases have been removed where they occur in sufficient quantity to render the gas unmarketable. Note: Dry natural gas is also known as consumer-grade natural gas. The parameters for measurement are cubic feet at 60 degrees Fahrenheit and 14.73 pounds per square inch absolute.

Net generation: The amount of gross generation less the electrical energy consumed at the generating station(s) for station service or auxiliaries. Note: Electricity required for pumping at pumped-storage plants is regarded as electricity for station service and is deducted from gross generation.

Net summer capacity: The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, as demonstrated by a multi-hour test, at the time of summer peak demand (period of May 1 through October 31). This output reflects a reduction in capacity due to electricity use for station service or auxiliaries.

Net winter capacity: The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, as demonstrated by a multi-hour test, at the time of peak winter demand (period of November 1 though April 30). This output reflects a reduction in capacity due to electricity use for station service or auxiliaries.

North American Electric Reliability Council (NERC): A council formed in 1968 by the electric utility industry to promote the reliability and adequacy of bulk power supply in the electric utility systems of North America. The NERC Regions are:

1) Texas Regional Entity (TRE),
2) Florida Reliability Coordinating Council (FRCC),
3) Midwest Reliability Organization (MRO),
4) Northeast Power Coordinating Council (NPCC),
5) ReliabilityFirst Corporation (RFC),
6) Southeastern Electric Reliability Council (SERC),
7) Southwest Power Pool (SPP), and the
8) Western Energy Coordinating Council (WECC).

North American Industry Classification System (NAICS): A set of codes that describes the possible purposes of a facility.

Nuclear electric power: Electricity generated by an electric power plant whose turbines are driven by steam produced by the heat from the fission of nuclear fuel in a reactor.

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

Other generation: Electricity originating from these sources: manufactured, supplemental gaseous fuel, propane, and waste gasses, excluding natural gas; biomass; geothermal; wind; solar thermal; photovoltaic; synthetic fuel; purchased steam; and waste oil energy sources.

Percent change: The relative change in a quantity over a specified time period. It is calculated as follows: the current value has the previous value subtracted from it; this new number is divided by the absolute value of the previous value; then this new number is multiplied by 100.

Petroleum: A broadly defined class of liquid hydrocarbon mixtures. Included are crude oil, lease condensate, unfinished oils, refined products obtained from the processing of crude oil, and natural gas plant liquids. Note: Volumes of finished petroleum products include nonhydrocarbon compounds, such as additives and detergents, after they have been blended into the products.

Petroleum coke: See Coke (petroleum).

Photovoltaic energy: Direct-current electricity generated from sunlight through solid-state semiconductor devices that have no moving parts.

Plant: A term commonly used either as a synonym for an industrial establishment or a generation facility or to refer to a particular process within an establishment.

Power: The rate at which energy is transferred. Electrical energy is usually measured in watts. Also used for a measurement of capacity.

Power production plant: All the land and land rights, structures and improvements, boiler or reactor vessel equipment, engines and engine-driven generator, turbo generator units, accessory electric equipment, and miscellaneous power plant equipment are grouped together for each individual facility.

Production (electric): Act or process of producing electric energy from other forms of energy; also, the amount of electric energy expressed in watthours (Wh).

Propane: A normally gaseous straight-chain hydrocarbon, (C3H8). It is a colorless paraffinic gas that boils at a temperature of -43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products covered by Gas Processors Association Specifications for commercial propane and HD-5 propane and ASTM Specification D 1835.

Public street and highway lighting service: Includes electricity supplied and services rendered for the purpose of lighting streets, highways, parks and other public places; or for traffic or other signal system service, for municipalities, or other divisions or agencies of State or Federal governments.

Railroad and railway electric service: Electricity supplied to railroads and interurban and street railways, for general railroad use, including the propulsion of cars or locomotives, where such electricity is supplied under separate and distinct rate schedules.

Receipts: Purchases of fuel.

Relative standard error: The standard deviation of a distribution divided by the arithmetic mean, sometimes multiplied by 100. It is used for the purpose of comparing the variabilities of frequency distributions but is sensitive to errors in the means.

Residential: An energy-consuming sector that consists of living quarters for private households. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a variety of other appliances. The residential sector excludes institutional living quarters.

Residual fuel oil: A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government

service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

Retail: Sales covering electrical energy supplied for residential, commercial, and industrial end-use purposes. Other small classes, such as agriculture and street lighting, also are included in this category.

Revenues: The total amount of money received by a firm from sales of its products and/or services, gains from the sales or exchange of assets, interest and dividends earned on investments, and other increases in the owner's equity except those arising from capital adjustments.

Sales: The transfer of title to an energy commodity from a seller to a buyer for a price or the quantity transferred during a specified period.

Service classifications (sectors): Consumers grouped by similar characteristics in order to be identified for the purpose of setting a common rate for electric service. Usually classified into groups identified as residential, commercial, industrial and other.

Service to public authorities: Public authority service includes electricity supplied and services rendered to municipalities or divisions or agencies of State and Federal governments, under special contracts or agreements or service classifications applicable only to public authorities.

Solar energy: The radiant energy of the sun that can be converted into other forms of energy, such as heat or electricity. Electricity produced from solar energy heats a medium that powers an electricity-generating device.

State power authority: A nonprofit utility owned and operated by a state government agency, primarily involved in the generation, marketing, and/or transmission of wholesale electric power.

Steam-electric power plant (conventional): A plant in which the prime mover is a steam turbine. The steam used to drive the turbine is produced in a boiler where fossil fuels are burned.

Stocks of fuel: A supply of fuel accumulated for future use. This includes coal and fuel oil stocks at the plant site, in coal cars, tanks, or barges at the plant site, or in separate storage sites.

Subbituminous coal: A coal whose properties range from those of lignite to those of bituminous coal and used primarily as fuel for steam-electric power generation. It may be dull, dark brown to black, soft and crumbly, at the lower end of the range, to bright, jet black, hard, and relatively strong, at the upper end. Subbituminous coal contains 20 to 30 percent inherent moisture by weight. The heat content of subbituminous coal ranges from 17 to 24 million Btu per ton on a moist, mineral-matter-free basis. The heat content of subbituminous coal consumed in the United States averages 17 to 18 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

Sulfur: A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. Note: No. 2 Distillate fuel is

currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

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

Supplemental gaseous fuel supplies: Synthetic natural gas, propane-air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

Synthetic fuel: A gaseous, liquid, or solid fuel that does not occur naturally. Synfuels can be made from coal (coal gasification or coal liquefaction), petroleum products, oil shale, tar sands, or plant products. Among the synfuels are various fuel gases, including but not restricted to substitute natural gas, liquid fuels for engines (e.g., gasoline, diesel fuel, and alcohol fuels) and burner fuels (e.g., fuel heating oils).

Terrawatt: One trillion watts.

Terrawatthour: One trillion kilowatthours.

Ton: A unit of weight equal to 2,000 pounds.

Turbine: A machine for generating rotary mechanical power from the energy of a stream of fluid (such as water, steam, or hot gas). Turbines convert the kinetic energy of fluids to mechanical energy through the principles of impulse and reaction, or a mixture of the two.

Ultimate consumer: A consumer that purchases electricity for its own use and not for resale.

Useful thermal output: The thermal energy made available in a combined heat or power system for use in any industrial or commercial process, heating or cooling application, or delivered to other end users, i.e., total thermal energy made available for processes and applications other than electrical generation.

Waste coal: As a fuel for electric power generation, waste coal includes anthracite refuse or mine waste, waste from anthracite preparation plants, and coal recovered from previously mined sites.

Waste gases: As a fuel for electric power generation, waste gasses are those gasses that are produced from gasses recovered from a solid-waste or wastewater treatment facility, or the gaseous by-products of oil-refining processes.

Waste oil: As a fuel for electric power generation, waste oil includes recycled motor oil, and waste oil from transformers.

Watt (W): The unit of electrical power equal to one ampere under a pressure of one volt. A Watt is equal to 1/746 horsepower.

Watthour (Wh): The electrical energy unit of measure equal to one watt of power supplied to, or taken from, an electric circuit steadily for one hour.

Wind energy: The kinetic energy of wind converted into mechanical energy by wind turbines (i.e., blades rotating from the hub) that drive generators to produce electricity.

Year-to -date: The cumulative sum of each month's value starting with January and ending with the current month of the data.