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U.S. Energy Information Administration

# Electric Power Monthly

## with Data for December 2014

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# Preface

The Electric Power Monthly (EPM) presents monthly electricity statistics for a wide audience including Congress, Federal and State agencies, the electric power industry, and the general public. The purpose of this publication is to provide energy decision makers with accurate and timely information that may be used in forming 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.”

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

| Net Generation and Consumption of Fuels for December | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total (All Sectors) | | | Electric Power Sector | | | | Commercial | | Industrial | |
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| Fuel | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| **Net Generation (Thousand Megawatthours)** | | | | | | | | | | | |
| Coal | 124,715 | 141,860 | -12.1% | 95,090 | 105,558 | 28,515 | 35,144 | 59 | 68 | 1,051 | 1,089 |
| Petroleum Liquids | 948 | 1,438 | -34.1% | 698 | 832 | 203 | 544 | 11 | 16 | 37 | 47 |
| Petroleum Coke | 1,143 | 1,013 | 12.9% | 879 | 743 | 139 | 151 | 1 | 1 | 124 | 118 |
| Natural Gas | 90,077 | 92,936 | -3.1% | 38,330 | 41,610 | 43,535 | 42,679 | 601 | 623 | 7,611 | 8,025 |
| Other Gas | 1,061 | 1,006 | 5.4% | 13 | 81 | 352 | 274 | 0 | 0 | 695 | 650 |
| Nuclear | 73,363 | 71,294 | 2.9% | 38,428 | 37,412 | 34,935 | 33,881 | 0 | 0 | 0 | 0 |
| Hydroelectric Conventional | 22,420 | 21,128 | 6.1% | 20,259 | 18,964 | 1,919 | 1,839 | NM | 3 | 240 | 322 |
| Renewable Sources Excluding Hydroelectric | 22,708 | 21,626 | 5.0% | 2,764 | 2,907 | 17,122 | 15,919 | 253 | 259 | 2,569 | 2,541 |
| ... Wind | 14,696 | 13,967 | 5.2% | 2,228 | 2,324 | 12,455 | 11,631 | NM | 7 | NM | 5 |
| ... Solar Thermal and Photovoltaic | 985 | 850 | 15.9% | 65 | 88 | 902 | 738 | 17 | 23 | NM | 1 |
| ... Wood and Wood-Derived Fuels | 3,793 | 3,606 | 5.2% | 257 | 272 | 1,077 | 921 | NM | 5 | 2,453 | 2,408 |
| ... Other Biomass | 1,792 | 1,837 | -2.4% | 122 | 123 | 1,337 | 1,363 | 222 | 223 | 112 | 127 |
| ... Geothermal | 1,443 | 1,366 | 5.7% | 91 | 100 | 1,351 | 1,266 | 0 | 0 | 0 | 0 |
| Hydroelectric Pumped Storage | -480 | -421 | 14.1% | -409 | -326 | -71 | -95 | 0 | 0 | 0 | 0 |
| Other Energy Sources | 1,103 | 1,141 | -3.3% | 43 | 55 | 576 | 574 | 101 | 95 | 382 | 417 |
| All Energy Sources | 337,059 | 353,021 | -4.5% | 196,094 | 207,837 | 127,227 | 130,911 | 1,030 | 1,064 | 12,708 | 13,210 |
| **Consumption of Fossil Fuels for Electricity Generation** | | | | | | | | | | | |
| Coal (1000 tons) | 67,730 | 77,319 | -12.4% | 50,769 | 56,743 | 16,543 | 20,125 | 24 | 47 | 394 | 404 |
| Petroleum Liquids (1000 barrels) | 1,669 | 2,416 | -30.9% | 1,280 | 1,473 | 324 | 848 | 23 | 38 | 41 | 57 |
| Petroleum Coke (1000 tons) | 414 | 381 | 8.7% | 322 | 272 | 60 | 69 | 0 | 0 | 31 | 39 |
| Natural Gas (1000 Mcf) | 666,868 | 704,762 | -5.4% | 291,034 | 323,768 | 316,139 | 317,338 | 5,327 | 5,817 | 54,369 | 57,840 |
| **Consumption of Fossil Fuels for Useful Thermal Output** | | | | | | | | | | | |
| Coal (1000 tons) | 1,491 | 1,647 | -9.5% | 0 | 0 | 152 | 203 | 97 | 83 | 1,242 | 1,362 |
| Petroleum Liquids (1000 barrels) | 235 | 619 | -62.0% | 0 | 0 | 75 | 92 | 30 | 167 | 130 | 360 |
| Petroleum Coke (1000 tons) | 145 | 115 | 26.0% | 0 | 0 | 9 | 9 | 2 | 1 | 134 | 105 |
| Natural Gas (1000 Mcf) | 77,820 | 79,843 | -2.5% | 0 | 0 | 28,508 | 27,687 | 4,348 | 4,915 | 44,964 | 47,241 |
| **Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output** | | | | | | | | | | | |
| Coal (1000 tons) | 69,221 | 78,966 | -12.3% | 50,769 | 56,743 | 16,695 | 20,327 | 121 | 130 | 1,636 | 1,765 |
| Petroleum Liquids (1000 barrels) | 1,904 | 3,035 | -37.3% | 1,280 | 1,473 | 399 | 940 | 53 | 205 | 172 | 417 |
| Petroleum Coke (1000 tons) | 559 | 496 | 12.7% | 322 | 272 | 69 | 78 | 2 | 2 | 165 | 144 |
| Natural Gas (1000 Mcf) | 744,688 | 784,605 | -5.1% | 291,034 | 323,768 | 344,647 | 345,024 | 9,674 | 10,732 | 99,333 | 105,081 |
| **Fuel Stocks (end-of-month)** | | | | | | | | | | | |
| Coal (1000 tons) | 153,943 | 150,962 | 2.0% | 116,774 | 120,792 | 34,588 | 27,092 | 312 | 408 | 2,270 | 2,670 |
| Petroleum Liquids (1000 barrels) | 34,077 | 34,195 | -0.3% | 21,396 | 22,494 | 10,743 | 9,179 | 359 | 631 | 1,579 | 1,890 |
| Petroleum Coke (1000 tons) | 1,022 | 863 | 18.5% | W | 303 | W | 86 | W | W | W | W |

| Sales, Revenue, and Average Retail Price for December | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total U.S. Electric Power Industry | | | | | | | | |
| | Retail Sales (million kWh) | | | Retail Revenue (million dollars) | | | Average Retail Price (cents/kWh) | | |
| Sector | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | Percentage Change |
| Residential | 120,411 | 128,975 | -6.6% | 14,636 | 15,113 | -3.2% | 12.15 | 11.72 | 3.7% |
| Commercial | 108,183 | 109,146 | -0.9% | 11,188 | 10,867 | 3.0% | 10.34 | 9.96 | 3.8% |
| Industrial | 76,995 | 77,692 | -0.9% | 5,122 | 5,153 | -0.6% | 6.65 | 6.63 | 0.3% |
| Transportation | 626 | 679 | -7.8% | 64 | 69 | -7.3% | 10.25 | 10.20 | 0.5% |
| All Sectors | 306,215 | 316,492 | -3.2% | 31,010 | 31,202 | -0.6% | 10.13 | 9.86 | 2.7% |

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 for 2014 are preliminary. Values for 2013 are final. Percentage change is calculated before rounding.
See technical notes for additional information including more on the Commercial, Industrial, and Transportation sectors.

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

| Net Generation and Consumption of Fuels for January through December | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total (All Sectors) | | | Electric Power Sector | | | | Commercial | | Industrial | | |
| | | | | Electric Utilities | | Independent Power Producers | | | | | | |
| Fuel | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | |
| **Net Generation (Thousand Megawatthours)** | | | | | | | | | | | | |
| Coal | 1,585,697 | 1,581,115 | 0.3% | 1,199,986 | 1,188,452 | 371,882 | 379,270 | 750 | 839 | 13,078 | 12,554 | |
| Petroleum Liquids | 18,708 | 13,820 | 35.4% | 11,133 | 9,446 | 6,732 | 3,761 | 248 | 118 | 594 | 495 | |
| Petroleum Coke | 11,781 | 13,344 | -11.7% | 9,059 | 9,522 | 1,408 | 1,780 | 9 | 5 | 1,305 | 2,036 | |
| Natural Gas | 1,121,928 | 1,124,836 | -0.3% | 477,417 | 501,427 | 551,976 | 527,522 | 7,227 | 7,154 | 85,307 | 88,733 | |
| Other Gas | 11,578 | 12,853 | -9.9% | 92 | 798 | 3,852 | 3,524 | 0 | 0 | 7,634 | 8,531 | |
| Nuclear | 797,067 | 789,016 | 1.0% | 419,773 | 406,114 | 377,295 | 382,902 | 0 | 0 | 0 | 0 | |
| Hydroelectric Conventional | 258,749 | 268,565 | -3.7% | 234,788 | 243,040 | 21,221 | 22,018 | 42 | 44 | 2,698 | 3,463 | |
| Renewable Sources Excluding Hydroelectric | 281,060 | 253,508 | 10.9% | 34,359 | 32,417 | 213,991 | 189,045 | 3,218 | 2,956 | 29,492 | 29,091 | |
| ... Wind | 181,791 | 167,840 | 8.3% | 27,675 | 26,436 | 153,969 | 141,306 | 106 | 61 | 42 | 37 | |
| ... Solar Thermal and Photovoltaic | 18,321 | 9,036 | 102.8% | 1,290 | 943 | 16,579 | 7,782 | 432 | 294 | 20 | 17 | |
| ... Wood and Wood-Derived Fuels | 43,050 | 40,028 | 7.6% | 2,817 | 2,534 | 12,053 | 9,768 | 66 | 34 | 28,115 | 27,691 | |
| ... Other Biomass | 21,269 | 20,830 | 2.1% | 1,462 | 1,499 | 15,878 | 15,419 | 2,614 | 2,567 | 1,315 | 1,346 | |
| ... Geothermal | 16,628 | 15,775 | 5.4% | 1,116 | 1,005 | 15,513 | 14,770 | 0 | 0 | 0 | 0 | |
| Hydroelectric Pumped Storage | -6,209 | -4,681 | 32.6% | -5,179 | -3,773 | -1,030 | -908 | 0 | 0 | 0 | 0 | |
| Other Energy Sources | 12,576 | 13,588 | -7.4% | 472 | 615 | 6,740 | 6,742 | 1,212 | 1,118 | 4,152 | 5,113 | |
| All Energy Sources | 4,092,935 | 4,065,964 | 0.7% | 2,381,901 | 2,388,058 | 1,554,067 | 1,515,657 | 12,706 | 12,234 | 144,261 | 150,015 | |
| **Consumption of Fossil Fuels for Electricity Generation** | | | | | | | | | | | | |
| Coal (1000 tons) | 854,416 | 860,729 | -0.7% | 636,173 | 638,327 | 212,998 | 217,219 | 269 | 513 | 4,976 | 4,670 | |
| Petroleum Liquids (1000 barrels) | 32,084 | 23,231 | 38.1% | 20,197 | 16,827 | 10,682 | 5,494 | 565 | 328 | 640 | 582 | |
| Petroleum Coke (1000 tons) | 4,325 | 4,852 | -10.9% | 3,356 | 3,409 | 598 | 779 | 2 | 1 | 369 | 662 | |
| Natural Gas (1000 Mcf) | 8,502,964 | 8,596,299 | -1.1% | 3,723,837 | 3,970,447 | 4,106,823 | 3,917,131 | 63,797 | 66,570 | 608,507 | 642,152 | |
| **Consumption of Fossil Fuels for Useful Thermal Output** | | | | | | | | | | | | |
| Coal (1000 tons) | 18,218 | 18,350 | -0.7% | 0 | 0 | 2,257 | 2,416 | 1,054 | 843 | 14,907 | 15,090 | |
| Petroleum Liquids (1000 barrels) | 4,289 | 3,456 | 24.1% | 0 | 0 | 1,197 | 1,050 | 869 | 498 | 2,223 | 1,908 | |
| Petroleum Coke (1000 tons) | 1,495 | 1,486 | 0.6% | 0 | 0 | 90 | 96 | 16 | 11 | 1,389 | 1,379 | |
| Natural Gas (1000 Mcf) | 877,106 | 882,385 | -0.6% | 0 | 0 | 318,451 | 303,177 | 48,004 | 51,057 | 510,651 | 528,151 | |
| **Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output** | | | | | | | | | | | | |
| Coal (1000 tons) | 872,634 | 879,078 | -0.7% | 636,173 | 638,327 | 215,255 | 219,635 | 1,323 | 1,356 | 19,883 | 19,761 | |
| Petroleum Liquids (1000 barrels) | 36,373 | 26,687 | 36.3% | 20,197 | 16,827 | 11,879 | 6,544 | 1,433 | 826 | 2,863 | 2,490 | |
| Petroleum Coke (1000 tons) | 5,820 | 6,338 | -8.2% | 3,356 | 3,409 | 688 | 875 | 18 | 12 | 1,758 | 2,041 | |
| Natural Gas (1000 Mcf) | 9,380,070 | 9,478,685 | -1.0% | 3,723,837 | 3,970,447 | 4,425,274 | 4,220,309 | 111,801 | 117,626 | 1,119,158 | 1,170,303 | |

| Sales, Revenue, and Average Retail Price for January through December | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total U.S. Electric Power Industry | | | | | | | | |
| | Retail Sales (million kWh) | | | Retail Revenue (million dollars) | | | Average Retail Price (cents/kWh) | | |
| Sector | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | Percentage Change |
| Residential | 1,402,911 | 1,394,919 | 0.6% | 175,404 | 169,113 | 3.7% | 12.50 | 12.12 | 3.1% |
| Commercial | 1,357,505 | 1,344,207 | 1.0% | 145,889 | 138,224 | 5.5% | 10.75 | 10.28 | 4.6% |
| Industrial | 955,488 | 978,352 | -2.3% | 67,019 | 66,909 | 0.2% | 7.01 | 6.84 | 2.5% |
| Transportation | 7,776 | 7,625 | 2.0% | 798 | 805 | -0.8% | 10.27 | 10.55 | -2.7% |
| All Sectors | 3,723,681 | 3,725,103 | 0.0% | 389,111 | 375,050 | 3.7% | 10.45 | 10.07 | 3.8% |

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 for 2014 are preliminary. Values for 2013 are final. Percentage change is calculated before rounding.
See technical notes for additional information including more on the Commercial, Industrial, and Transportation sectors.

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

**Total (All Sectors)**

| | | | | | | | Year-to-Date | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Receipts (Physical Units) | | Cost (Dollars / Physical Unit) | | Number of Plants | | Receipts (Physical Units) | | Cost (Dollars / Physical Unit) | |
| Fuel | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| Coal (1000 tons) | 74,020 | 68,548 | 48.54 | 45.06 | 327 | 384 | 836,196 | 823,222 | 46.11 | 45.33 |
| Petroleum Liquids (1000 barrels) | 2,955 | 1,775 | 85.81 | 126.83 | 225 | 223 | 28,355 | 20,413 | 120.32 | 124.90 |
| Petroleum Coke (1000 tons) | 587 | 444 | 56.64 | 57.05 | 12 | 12 | 5,091 | 4,660 | 55.81 | 61.95 |
| Natural Gas (1000 Mcf) | 664,873 | 695,857 | 4.49 | 5.04 | 722 | 752 | 8,423,883 | 8,503,424 | 5.14 | 4.44 |

**Electric Utilities**

| | | | | | | | Year-to-Date | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Receipts (Physical Units) | | Cost (Dollars / Physical Unit) | | Number of Plants | | Receipts (Physical Units) | | Cost (Dollars / Physical Unit) | |
| Fuel | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| Coal (1000 tons) | 53,851 | 49,103 | 51.19 | 46.32 | 229 | 258 | 607,877 | 592,772 | 47.31 | 46.51 |
| Petroleum Liquids (1000 barrels) | 2,058 | 1,166 | 82.89 | 130.56 | 147 | 142 | 16,281 | 12,814 | 121.16 | 128.57 |
| Petroleum Coke (1000 tons) | 499 | 343 | 54.38 | 54.95 | 8 | 7 | 4,349 | 3,463 | 53.77 | 60.30 |
| Natural Gas (1000 Mcf) | 284,687 | 311,919 | 4.74 | 5.05 | 367 | 400 | 3,614,573 | 3,851,241 | 5.30 | 4.59 |

**Independent Power Producers**

| | | | | | | | Year-to-Date | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Receipts (Physical Units) | | Cost (Dollars / Physical Unit) | | Number of Plants | | Receipts (Physical Units) | | Cost (Dollars / Physical Unit) | |
| Fuel | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| Coal (1000 tons) | 19,414 | 18,343 | 40.43 | 40.48 | 74 | 96 | 219,181 | 217,572 | 41.84 | 40.95 |
| Petroleum Liquids (1000 barrels) | 870 | 576 | 92.53 | 119.40 | 67 | 66 | 11,760 | 7,205 | 119.39 | 118.88 |
| Petroleum Coke (1000 tons) | 53 | 55 | W | W | 2 | 2 | 488 | 575 | W | W |
| Natural Gas (1000 Mcf) | 319,737 | 318,797 | 4.22 | 5.19 | 308 | 300 | 4,111,996 | 3,917,898 | 5.07 | 4.36 |

**Commercial Sector**

| | | | | | | | Year-to-Date | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Receipts (Physical Units) | | Cost (Dollars / Physical Unit) | | Number of Plants | | Receipts (Physical Units) | | Cost (Dollars / Physical Unit) | |
| Fuel | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| Coal (1000 tons) | 12 | 11 | W | W | 1 | 1 | 163 | 151 | 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) | 632 | 592 | W | W | 2 | 2 | 5,712 | 5,450 | W | W |

**Industrial Sector**

| | | | | | | | Year-to-Date | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Receipts (Physical Units) | | Cost (Dollars / Physical Unit) | | Number of Plants | | Receipts (Physical Units) | | Cost (Dollars / Physical Unit) | |
| Fuel | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| Coal (1000 tons) | 743 | 1,091 | W | W | 23 | 29 | 8,976 | 12,727 | W | W |
| Petroleum Liquids (1000 barrels) | 27 | 32 | 92.18 | 113.33 | 11 | 15 | 315 | 394 | 110.83 | 112.29 |
| Petroleum Coke (1000 tons) | 35 | 45 | W | W | 2 | 3 | 255 | 623 | W | W |
| Natural Gas (1000 Mcf) | 59,817 | 64,548 | W | W | 45 | 50 | 691,601 | 728,835 | 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.

## 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)**

| | Receipts (Billion Btu) | | Cost (Dollars / Million Btu) | | Number of Plants | | Year-to-Date Receipts (Billion Btu) | | Year-to-Date Cost (Dollars / Million Btu) | |
|---|---|---|---|---|---|---|---|---|---|---|
| Fuel | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| Coal | 1,432,479 | 1,319,540 | 2.51 | 2.34 | 327 | 384 | 16,295,085 | 15,906,809 | 2.37 | 2.34 |
| Petroleum Liquids | 18,225 | 10,751 | 13.91 | 20.95 | 225 | 223 | 171,500 | 123,964 | 19.88 | 20.56 |
| Petroleum Coke | 16,770 | 12,511 | 1.98 | 2.02 | 12 | 12 | 144,694 | 132,474 | 1.96 | 2.18 |
| Natural Gas | 686,870 | 714,509 | 4.35 | 4.91 | 722 | 752 | 8,671,674 | 8,721,114 | 5.00 | 4.33 |
| Fossil Fuels | 2,154,344 | 2,057,311 | 3.14 | 3.26 | 936 | 996 | 25,282,953 | 24,884,361 | 3.32 | 3.09 |

**Electric Utilities**

| | Receipts (Billion Btu) | | Cost (Dollars / Million Btu) | | Number of Plants | | Year-to-Date Receipts (Billion Btu) | | Year-to-Date Cost (Dollars / Million Btu) | |
|---|---|---|---|---|---|---|---|---|---|---|
| Fuel | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| Coal | 1,055,798 | 959,557 | 2.61 | 2.37 | 229 | 258 | 11,991,691 | 11,595,328 | 2.40 | 2.38 |
| Petroleum Liquids | 12,890 | 7,055 | 13.23 | 21.58 | 147 | 142 | 99,044 | 78,101 | 19.91 | 21.09 |
| Petroleum Coke | 14,294 | 9,784 | 1.90 | 1.93 | 8 | 7 | 123,793 | 99,088 | 1.89 | 2.11 |
| Natural Gas | 293,615 | 319,604 | 4.60 | 4.93 | 367 | 400 | 3,714,733 | 3,939,408 | 5.16 | 4.49 |
| Fossil Fuels | 1,376,596 | 1,296,000 | 3.12 | 3.10 | 513 | 559 | 15,929,261 | 15,711,925 | 3.14 | 2.99 |

**Independent Power Producers**

| | Receipts (Billion Btu) | | Cost (Dollars / Million Btu) | | Number of Plants | | Year-to-Date Receipts (Billion Btu) | | Year-to-Date Cost (Dollars / Million Btu) | |
|---|---|---|---|---|---|---|---|---|---|---|
| Fuel | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| Coal | 359,464 | 336,195 | 2.18 | 2.20 | 74 | 96 | 4,096,609 | 4,032,431 | 2.24 | 2.20 |
| Petroleum Liquids | 5,171 | 3,498 | 15.56 | 19.73 | 67 | 66 | 70,520 | 43,432 | 19.88 | 19.71 |
| Petroleum Coke | 1,520 | 1,538 | W | W | 2 | 2 | 13,781 | 16,150 | W | W |
| Natural Gas | 330,603 | 327,686 | 4.08 | 5.05 | 308 | 300 | 4,236,618 | 4,025,263 | 4.92 | 4.25 |
| Fossil Fuels | 696,759 | 668,916 | W | W | 372 | 379 | 8,417,527 | 8,117,275 | W | W |

**Commercial Sector**

| | Receipts (Billion Btu) | | Cost (Dollars / Million Btu) | | Number of Plants | | Year-to-Date Receipts (Billion Btu) | | Year-to-Date Cost (Dollars / Million Btu) | |
|---|---|---|---|---|---|---|---|---|---|---|
| Fuel | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| Coal | 264 | 254 | W | W | 1 | 1 | 3,746 | 3,507 | W | W |
| Petroleum Liquids | 0 | 0 | -- | -- | 0 | 0 | 0 | 0 | -- | -- |
| Petroleum Coke | 0 | 0 | -- | -- | 0 | 0 | 0 | 0 | -- | -- |
| Natural Gas | 638 | 599 | W | W | 2 | 2 | 5,765 | 5,497 | W | W |
| Fossil Fuels | 902 | 853 | W | W | 2 | 2 | 9,511 | 9,004 | W | W |

**Industrial Sector**

| | Receipts (Billion Btu) | | Cost (Dollars / Million Btu) | | Number of Plants | | Year-to-Date Receipts (Billion Btu) | | Year-to-Date Cost (Dollars / Million Btu) | |
|---|---|---|---|---|---|---|---|---|---|---|
| Fuel | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| Coal | 16,952 | 23,534 | W | W | 23 | 29 | 203,039 | 275,543 | W | W |
| Petroleum Liquids | 164 | 198 | 15.14 | 18.35 | 11 | 15 | 1,937 | 2,431 | 18.03 | 18.20 |
| Petroleum Coke | 956 | 1,189 | W | W | 2 | 3 | 7,120 | 17,236 | W | W |
| Natural Gas | 62,014 | 66,621 | W | W | 45 | 50 | 714,558 | 750,946 | W | W |
| Fossil Fuels | 80,087 | 91,542 | W | W | 49 | 56 | 926,654 | 1,046,157 | W | W |

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

**Table 1.1. Net Generation by Energy Source: Total (All Sectors), 2004-December 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 | 1,581,115 | 13,820 | 13,344 | 1,124,836 | 12,853 | 789,016 | 268,565 | 253,508 | -4,681 | 13,588 | 4,065,964 |
| 2014 | 1,585,697 | 18,708 | 11,781 | 1,121,928 | 11,578 | 797,067 | 258,749 | 281,060 | -6,209 | 12,576 | 4,092,935 |
| **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 | 138,105 | 1,733 | 1,042 | 88,559 | 1,144 | 71,406 | 24,829 | 21,518 | -465 | 1,098 | 348,967 |
| February | 123,547 | 1,130 | 867 | 80,283 | 968 | 61,483 | 20,418 | 20,330 | -320 | 1,020 | 309,728 |
| March | 130,634 | 990 | 1,007 | 84,725 | 1,070 | 62,947 | 20,534 | 22,810 | -462 | 1,143 | 325,399 |
| April | 111,835 | 995 | 891 | 78,036 | 1,020 | 56,767 | 25,097 | 23,961 | -292 | 1,024 | 299,333 |
| May | 119,513 | 1,067 | 1,345 | 83,816 | 1,088 | 62,848 | 28,450 | 23,254 | -334 | 1,110 | 322,156 |
| June | 138,283 | 1,035 | 1,307 | 99,615 | 1,048 | 66,430 | 27,384 | 20,954 | -358 | 1,125 | 356,823 |
| July | 152,867 | 1,458 | 1,354 | 120,771 | 1,148 | 70,539 | 27,255 | 18,593 | -340 | 1,201 | 394,846 |
| August | 149,426 | 1,076 | 1,372 | 121,156 | 1,143 | 71,344 | 21,633 | 17,382 | -465 | 1,217 | 385,286 |
| Sept | 133,110 | 964 | 1,222 | 102,063 | 1,087 | 65,799 | 16,961 | 18,991 | -439 | 1,182 | 340,941 |
| October | 120,996 | 945 | 1,074 | 88,587 | 1,072 | 63,184 | 17,199 | 21,058 | -373 | 1,185 | 314,925 |
| November | 120,940 | 989 | 850 | 84,287 | 1,060 | 64,975 | 17,677 | 23,030 | -413 | 1,143 | 314,540 |
| December | 141,860 | 1,438 | 1,013 | 92,936 | 1,006 | 71,294 | 21,128 | 21,626 | -421 | 1,141 | 353,021 |
| **2014** | | | | | | | | | | | |
| January | 157,316 | 6,041 | 1,181 | 90,926 | 943 | 73,064 | 21,636 | 25,705 | -290 | 1,009 | 377,531 |
| February | 143,638 | 1,866 | 941 | 75,449 | 760 | 62,639 | 17,449 | 20,955 | -445 | 877 | 324,128 |
| March | 136,781 | 2,083 | 1,215 | 77,950 | 847 | 62,397 | 24,219 | 26,005 | -421 | 1,036 | 332,111 |
| April | 109,591 | 910 | 811 | 76,728 | 784 | 56,385 | 25,053 | 26,776 | -378 | 993 | 297,653 |
| May | 119,033 | 976 | 1,056 | 88,514 | 936 | 62,947 | 26,406 | 23,994 | -636 | 1,071 | 324,299 |
| June | 138,060 | 921 | 1,113 | 98,441 | 962 | 68,138 | 25,814 | 24,526 | -653 | 1,069 | 358,392 |
| July | 150,007 | 1,024 | 1,028 | 114,582 | 1,069 | 71,940 | 24,260 | 21,059 | -545 | 1,108 | 385,533 |
| August | 148,882 | 1,065 | 1,009 | 121,849 | 1,064 | 71,129 | 19,757 | 19,141 | -840 | 1,136 | 384,192 |
| Sept | 126,484 | 963 | 951 | 106,295 | 1,104 | 67,535 | 15,933 | 19,994 | -542 | 1,070 | 339,788 |
| October | 111,838 | 923 | 580 | 97,125 | 1,034 | 62,391 | 17,088 | 22,969 | -448 | 1,059 | 314,560 |
| November | 119,351 | 988 | 753 | 83,990 | 1,012 | 65,140 | 18,712 | 27,228 | -531 | 1,045 | 317,689 |
| December | 124,715 | 948 | 1,143 | 90,077 | 1,061 | 73,363 | 22,420 | 22,708 | -480 | 1,103 | 337,059 |
| **Year to Date** | | | | | | | | | | | |
| 2012 | 1,514,043 | 13,403 | 9,787 | 1,225,894 | 11,898 | 769,331 | 276,240 | 218,333 | -4,950 | 13,787 | 4,047,765 |
| 2013 | 1,581,115 | 13,820 | 13,344 | 1,124,836 | 12,853 | 789,016 | 268,565 | 253,508 | -4,681 | 13,588 | 4,065,964 |
| 2014 | 1,585,697 | 18,708 | 11,781 | 1,121,928 | 11,578 | 797,067 | 258,749 | 281,060 | -6,209 | 12,576 | 4,092,935 |
| **Rolling 12 Months Ending in December** | | | | | | | | | | | |
| 2013 | 1,581,115 | 13,820 | 13,344 | 1,124,836 | 12,853 | 789,016 | 268,565 | 253,508 | -4,681 | 13,588 | 4,065,964 |
| 2014 | 1,585,697 | 18,708 | 11,781 | 1,121,928 | 11,578 | 797,067 | 258,749 | 281,060 | -6,209 | 12,576 | 4,092,935 |

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
Other includes non-biogenic municipal solid waste, batteries, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
See Glossary for definitions. Values for 2013 and prior years are final. Values for 2014 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-December 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 | 167,840 | 8,121 | 915 | 40,028 | 10,658 | 7,186 | 2,986 | 15,775 | 268,565 | 522,073 |
| 2014 | 181,791 | 15,874 | 2,447 | 43,050 | 10,966 | 7,388 | 2,915 | 16,628 | 258,749 | 539,809 |
| **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 | 14,739 | 299 | 11 | 3,400 | 870 | 579 | 239 | 1,382 | 24,829 | 46,347 |
| February | 14,076 | 387 | 45 | 3,083 | 782 | 507 | 213 | 1,236 | 20,418 | 40,749 |
| March | 15,756 | 547 | 72 | 3,300 | 917 | 601 | 240 | 1,378 | 20,534 | 43,345 |
| April | 17,476 | 573 | 93 | 2,863 | 848 | 576 | 256 | 1,274 | 25,097 | 49,058 |
| May | 16,239 | 649 | 104 | 3,174 | 923 | 620 | 238 | 1,308 | 28,450 | 51,704 |
| June | 13,748 | 749 | 122 | 3,330 | 890 | 617 | 221 | 1,278 | 27,384 | 48,338 |
| July | 11,094 | 743 | 85 | 3,536 | 911 | 640 | 246 | 1,337 | 27,255 | 45,847 |
| August | 9,634 | 845 | 99 | 3,634 | 962 | 628 | 258 | 1,322 | 21,633 | 39,015 |
| Sept | 11,674 | 874 | 75 | 3,353 | 884 | 597 | 235 | 1,299 | 16,961 | 35,952 |
| October | 13,635 | 875 | 112 | 3,341 | 863 | 606 | 262 | 1,363 | 17,199 | 38,256 |
| November | 15,803 | 775 | 49 | 3,407 | 888 | 594 | 283 | 1,230 | 17,677 | 40,707 |
| December | 13,967 | 804 | 46 | 3,606 | 920 | 621 | 296 | 1,366 | 21,128 | 42,754 |
| **2014** | | | | | | | | | | |
| January | 18,017 | 762 | 54 | 3,701 | 895 | 584 | 273 | 1,419 | 21,636 | 47,341 |
| February | 13,976 | 813 | 83 | 3,327 | 766 | 499 | 218 | 1,272 | 17,449 | 38,404 |
| March | 17,753 | 1,230 | 182 | 3,637 | 936 | 626 | 240 | 1,400 | 24,219 | 50,224 |
| April | 18,731 | 1,406 | 227 | 3,251 | 927 | 614 | 242 | 1,378 | 25,053 | 51,829 |
| May | 15,519 | 1,583 | 293 | 3,418 | 920 | 634 | 228 | 1,401 | 26,406 | 50,400 |
| June | 15,688 | 1,689 | 347 | 3,675 | 920 | 623 | 224 | 1,360 | 25,814 | 50,340 |
| July | 12,105 | 1,581 | 263 | 3,838 | 976 | 664 | 247 | 1,384 | 24,260 | 45,319 |
| August | 10,197 | 1,652 | 262 | 3,784 | 967 | 665 | 232 | 1,382 | 19,757 | 38,898 |
| Sept | 11,479 | 1,613 | 259 | 3,525 | 908 | 622 | 221 | 1,368 | 15,933 | 35,927 |
| October | 14,575 | 1,446 | 233 | 3,508 | 918 | 616 | 274 | 1,397 | 17,088 | 40,057 |
| November | 19,055 | 1,209 | 148 | 3,594 | 912 | 624 | 262 | 1,424 | 18,712 | 45,940 |
| December | 14,696 | 890 | 95 | 3,793 | 921 | 617 | 254 | 1,443 | 22,420 | 45,129 |
| **Year to Date** | | | | | | | | | | |
| 2012 | 140,822 | 3,451 | 876 | 37,799 | 9,803 | 7,320 | 2,700 | 15,562 | 276,240 | 494,573 |
| 2013 | 167,840 | 8,121 | 915 | 40,028 | 10,658 | 7,186 | 2,986 | 15,775 | 268,565 | 522,073 |
| 2014 | 181,791 | 15,874 | 2,447 | 43,050 | 10,966 | 7,388 | 2,915 | 16,628 | 258,749 | 539,809 |
| **Rolling 12-Month Ending in December** | | | | | | | | | | |
| 2013 | 167,840 | 8,121 | 915 | 40,028 | 10,658 | 7,186 | 2,986 | 15,775 | 268,565 | 522,073 |
| 2014 | 181,791 | 15,874 | 2,447 | 43,050 | 10,966 | 7,388 | 2,915 | 16,628 | 258,749 | 539,809 |

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

**Table 1.2. Net Generation by Energy Source: Electric Utilities, 2004-December 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 | 1,188,452 | 9,446 | 9,522 | 501,427 | 798 | 406,114 | 243,040 | 32,417 | -3,773 | 615 | 2,388,058 |
| 2014 | 1,199,986 | 11,133 | 9,059 | 477,417 | 92 | 419,773 | 234,788 | 34,359 | -5,179 | 472 | 2,381,901 |
| **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 | 103,536 | 1,018 | 700 | 39,880 | 71 | 36,748 | 22,563 | 2,966 | -404 | 45 | 207,123 |
| February | 91,384 | 723 | 616 | 36,248 | 63 | 31,144 | 18,316 | 2,704 | -270 | 47 | 180,975 |
| March | 97,675 | 755 | 687 | 37,661 | 59 | 31,426 | 18,349 | 2,846 | -382 | 54 | 189,129 |
| April | 84,352 | 744 | 574 | 33,545 | 38 | 28,991 | 22,654 | 3,053 | -232 | 42 | 173,761 |
| May | 90,053 | 785 | 1,035 | 36,891 | 61 | 32,977 | 25,924 | 2,836 | -260 | 52 | 190,354 |
| June | 104,679 | 751 | 966 | 45,152 | 68 | 34,504 | 24,686 | 2,446 | -261 | 43 | 213,033 |
| July | 114,402 | 950 | 976 | 52,966 | 66 | 36,733 | 24,705 | 2,245 | -238 | 62 | 232,867 |
| August | 113,917 | 794 | 952 | 55,077 | 76 | 37,177 | 19,864 | 2,057 | -417 | 60 | 229,557 |
| Sept | 99,056 | 664 | 905 | 45,845 | 75 | 34,459 | 15,422 | 2,591 | -347 | 49 | 198,719 |
| October | 91,694 | 699 | 759 | 39,850 | 61 | 31,605 | 15,619 | 2,682 | -307 | 51 | 182,713 |
| November | 92,146 | 731 | 609 | 36,703 | 78 | 32,939 | 15,975 | 3,085 | -331 | 56 | 181,991 |
| December | 105,558 | 832 | 743 | 41,610 | 81 | 37,412 | 18,964 | 2,907 | -326 | 55 | 207,837 |
| **2014** | | | | | | | | | | | |
| January | 118,756 | 2,540 | 949 | 39,048 | 12 | 38,748 | 19,221 | 3,380 | -218 | 30 | 222,467 |
| February | 106,949 | 1,077 | 706 | 31,214 | 7 | 32,937 | 15,644 | 2,736 | -361 | 18 | 190,928 |
| March | 101,101 | 1,059 | 953 | 33,165 | 7 | 32,612 | 22,169 | 3,381 | -355 | 41 | 194,132 |
| April | 80,172 | 715 | 572 | 32,854 | 18 | 30,312 | 22,652 | 3,394 | -301 | 37 | 170,426 |
| May | 90,887 | 743 | 825 | 40,037 | 10 | 33,760 | 23,871 | 2,758 | -541 | 42 | 192,393 |
| June | 106,951 | 672 | 885 | 42,573 | 3 | 35,898 | 23,625 | 2,762 | -557 | 49 | 212,861 |
| July | 115,276 | 747 | 782 | 48,294 | 4 | 38,031 | 22,294 | 2,384 | -445 | 52 | 227,419 |
| August | 114,968 | 759 | 770 | 52,289 | 4 | 37,182 | 17,991 | 2,017 | -740 | 43 | 225,282 |
| Sept | 96,050 | 760 | 712 | 44,127 | 3 | 35,296 | 14,524 | 2,342 | -461 | 40 | 193,394 |
| October | 84,811 | 681 | 456 | 40,176 | 3 | 32,017 | 15,434 | 2,914 | -351 | 31 | 176,172 |
| November | 88,975 | 683 | 572 | 35,311 | 7 | 34,552 | 17,102 | 3,526 | -441 | 45 | 180,332 |
| December | 95,090 | 698 | 879 | 38,330 | 13 | 38,428 | 20,259 | 2,764 | -409 | 43 | 196,094 |
| **Year to Date** | | | | | | | | | | | |
| 2012 | 1,146,480 | 9,892 | 5,664 | 504,958 | 0 | 394,823 | 252,936 | 28,017 | -4,202 | 603 | 2,339,172 |
| 2013 | 1,188,452 | 9,446 | 9,522 | 501,427 | 798 | 406,114 | 243,040 | 32,417 | -3,773 | 615 | 2,388,058 |
| 2014 | 1,199,986 | 11,133 | 9,059 | 477,417 | 92 | 419,773 | 234,788 | 34,359 | -5,179 | 472 | 2,381,901 |
| **Rolling 12 Months Ending in December** | | | | | | | | | | | |
| 2013 | 1,188,452 | 9,446 | 9,522 | 501,427 | 798 | 406,114 | 243,040 | 32,417 | -3,773 | 615 | 2,388,058 |
| 2014 | 1,199,986 | 11,133 | 9,059 | 477,417 | 92 | 419,773 | 234,788 | 34,359 | -5,179 | 472 | 2,381,901 |

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

**Table 1.3. Net Generation by Energy Source: Independent Power Producers, 2004-December 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 | 379,270 | 3,761 | 1,780 | 527,522 | 3,524 | 382,902 | 22,018 | 189,045 | -908 | 6,742 | 1,515,657 |
| 2014 | 371,882 | 6,732 | 1,408 | 551,976 | 3,852 | 377,295 | 21,221 | 213,991 | -1,030 | 6,740 | 1,554,067 |
| **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 | 33,416 | 635 | 149 | 40,509 | 313 | 34,658 | 1,938 | 15,836 | -61 | 545 | 127,938 |
| February | 31,100 | 346 | 132 | 36,722 | 261 | 30,340 | 1,736 | 15,140 | -50 | 497 | 116,224 |
| March | 31,794 | 187 | 151 | 39,104 | 259 | 31,522 | 1,878 | 17,310 | -80 | 574 | 122,699 |
| April | 26,434 | 206 | 144 | 37,081 | 284 | 27,776 | 2,189 | 18,463 | -60 | 528 | 113,045 |
| May | 28,327 | 228 | 101 | 39,353 | 306 | 29,871 | 2,194 | 17,795 | -74 | 574 | 118,674 |
| June | 32,481 | 241 | 141 | 46,520 | 280 | 31,926 | 2,365 | 15,810 | -97 | 586 | 130,253 |
| July | 37,252 | 460 | 167 | 58,993 | 315 | 33,807 | 2,224 | 13,523 | -103 | 605 | 147,241 |
| August | 34,371 | 239 | 211 | 57,526 | 300 | 34,167 | 1,525 | 12,505 | -47 | 587 | 141,386 |
| Sept | 32,990 | 262 | 141 | 48,349 | 298 | 31,340 | 1,297 | 13,773 | -92 | 561 | 128,919 |
| October | 28,248 | 202 | 149 | 41,022 | 343 | 31,578 | 1,339 | 15,695 | -66 | 558 | 119,069 |
| November | 27,712 | 212 | 144 | 39,663 | 289 | 32,037 | 1,494 | 17,275 | -82 | 554 | 119,297 |
| December | 35,144 | 544 | 151 | 42,679 | 274 | 33,881 | 1,839 | 15,919 | -95 | 574 | 130,911 |
| **2014** | | | | | | | | | | | |
| January | 37,261 | 3,280 | 110 | 43,590 | 318 | 34,316 | 2,056 | 19,544 | -72 | 538 | 140,941 |
| February | 35,493 | 689 | 123 | 36,915 | 252 | 29,702 | 1,547 | 15,730 | -84 | 472 | 120,838 |
| March | 34,439 | 917 | 130 | 36,867 | 258 | 29,785 | 1,833 | 19,873 | -66 | 587 | 124,624 |
| April | 28,382 | 163 | 142 | 36,595 | 232 | 26,072 | 2,209 | 20,694 | -77 | 528 | 114,941 |
| May | 27,050 | 192 | 126 | 41,279 | 352 | 29,187 | 2,327 | 18,500 | -95 | 575 | 119,493 |
| June | 29,909 | 199 | 107 | 48,415 | 320 | 32,240 | 1,983 | 18,999 | -96 | 570 | 132,647 |
| July | 33,485 | 233 | 127 | 58,202 | 335 | 33,909 | 1,783 | 15,758 | -100 | 594 | 144,326 |
| August | 32,728 | 249 | 121 | 61,449 | 358 | 33,946 | 1,552 | 14,299 | -101 | 597 | 145,198 |
| Sept | 29,301 | 157 | 144 | 54,485 | 363 | 32,238 | 1,213 | 15,009 | -81 | 557 | 133,385 |
| October | 25,997 | 205 | 51 | 49,653 | 375 | 30,374 | 1,424 | 17,413 | -97 | 569 | 125,963 |
| November | 29,323 | 245 | 88 | 40,990 | 337 | 30,589 | 1,374 | 21,050 | -90 | 578 | 124,483 |
| December | 28,515 | 203 | 139 | 43,535 | 352 | 34,935 | 1,919 | 17,122 | -71 | 576 | 127,227 |
| **Year to Date** | | | | | | | | | | | |
| 2012 | 354,076 | 2,757 | 1,758 | 627,833 | 2,984 | 374,509 | 20,923 | 160,064 | -748 | 7,030 | 1,551,186 |
| 2013 | 379,270 | 3,761 | 1,780 | 527,522 | 3,524 | 382,902 | 22,018 | 189,045 | -908 | 6,742 | 1,515,657 |
| 2014 | 371,882 | 6,732 | 1,408 | 551,976 | 3,852 | 377,295 | 21,221 | 213,991 | -1,030 | 6,740 | 1,554,067 |
| **Rolling 12 Months Ending in December** | | | | | | | | | | | |
| 2013 | 379,270 | 3,761 | 1,780 | 527,522 | 3,524 | 382,902 | 22,018 | 189,045 | -908 | 6,742 | 1,515,657 |
| 2014 | 371,882 | 6,732 | 1,408 | 551,976 | 3,852 | 377,295 | 21,221 | 213,991 | -1,030 | 6,740 | 1,554,067 |

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

**Table 1.4. Net Generation by Energy Source: Commerical Sector, 2004-December 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 | 839 | 118 | 5 | 7,154 | 0 | 0 | 44 | 2,956 | 0 | 1,118 | 12,234 |
| 2014 | 750 | 248 | 9 | 7,227 | 0 | 0 | 42 | 3,218 | 0 | 1,212 | 12,706 |
| **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 | 89 | 19 | 1 | 562 | 0 | 0 | 4 | 222 | 0 | 85 | 981 |
| February | 81 | 14 | 1 | 512 | 0 | 0 | 4 | 202 | 0 | 74 | 888 |
| March | 78 | 7 | 1 | 574 | 0 | 0 | 4 | 241 | 0 | 90 | 995 |
| April | 63 | 7 | 0 | 541 | 0 | 0 | 4 | 235 | 0 | 95 | 946 |
| May | 69 | 8 | 0 | 546 | 0 | 0 | 5 | 256 | 0 | 97 | 981 |
| June | 75 | 7 | 0 | 593 | 0 | 0 | 5 | 253 | 0 | 93 | 1,026 |
| July | 76 | 13 | 0 | 779 | 0 | 0 | 5 | 263 | 0 | 100 | 1,236 |
| August | 71 | 7 | 1 | 697 | 0 | 0 | 4 | 267 | 0 | 101 | 1,147 |
| Sept | 60 | 6 | 1 | 652 | 0 | 0 | 3 | 252 | 0 | 99 | 1,073 |
| October | 49 | 7 | 1 | 550 | 0 | 0 | 2 | 258 | 0 | 96 | 961 |
| November | 60 | 8 | 0 | 525 | 0 | 0 | 2 | 248 | 0 | 92 | 936 |
| December | 68 | 16 | 1 | 623 | 0 | 0 | 3 | 259 | 0 | 95 | 1,064 |
| **2014** | | | | | | | | | | | |
| January | 97 | NM | 1 | 638 | 0 | 0 | NM | 263 | 0 | 94 | 1,202 |
| February | 95 | NM | 1 | 579 | 0 | 0 | NM | 222 | 0 | 79 | 1,009 |
| March | 82 | NM | 1 | 582 | 0 | 0 | NM | 267 | 0 | 96 | 1,066 |
| April | 60 | 9 | 1 | 538 | 0 | 0 | NM | 277 | 0 | 103 | 992 |
| May | 52 | 9 | 0 | 548 | 0 | 0 | NM | 273 | 0 | 102 | 988 |
| June | 62 | 8 | 0 | 584 | 0 | 0 | NM | 285 | 0 | 103 | 1,045 |
| July | 64 | 9 | 0 | 653 | 0 | 0 | NM | 297 | 0 | 112 | 1,139 |
| August | 50 | NM | 1 | 679 | 0 | 0 | NM | 293 | 0 | 115 | 1,150 |
| Sept | 45 | 8 | 1 | 634 | 0 | 0 | NM | 274 | 0 | 109 | 1,073 |
| October | 32 | 8 | 1 | 616 | 0 | 0 | NM | 264 | 0 | 102 | 1,027 |
| November | 51 | 9 | 1 | 574 | 0 | 0 | NM | 251 | 0 | 97 | 986 |
| December | 59 | 11 | 1 | 601 | 0 | 0 | NM | 253 | 0 | 101 | 1,030 |
| **Year to Date** | | | | | | | | | | | |
| 2012 | 883 | 191 | 6 | 6,603 | 0 | 0 | 28 | 2,545 | 0 | 1,046 | 11,301 |
| 2013 | 839 | 118 | 5 | 7,154 | 0 | 0 | 44 | 2,956 | 0 | 1,118 | 12,234 |
| 2014 | 750 | 248 | 9 | 7,227 | 0 | 0 | 42 | 3,218 | 0 | 1,212 | 12,706 |
| **Rolling 12 Months Ending in December** | | | | | | | | | | | |
| 2013 | 839 | 118 | 5 | 7,154 | 0 | 0 | 44 | 2,956 | 0 | 1,118 | 12,234 |
| 2014 | 750 | NM | 9 | 7,227 | 0 | 0 | NM | 3,218 | 0 | 1,212 | 12,706 |

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

**Table 1.5. Net Generation by Energy Source: Industrial Sector, 2004-December 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 | 12,554 | 495 | 2,036 | 88,733 | 8,531 | 0 | 3,463 | 29,091 | 0 | 5,113 | 150,015 |
| 2014 | 13,078 | 594 | 1,305 | 85,307 | 7,634 | 0 | 2,698 | 29,492 | 0 | 4,152 | 144,261 |
| **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 | 1,064 | 61 | 192 | 7,608 | 759 | 0 | 324 | 2,494 | 0 | 423 | 12,924 |
| February | 983 | 47 | 118 | 6,801 | 644 | 0 | 363 | 2,285 | 0 | 402 | 11,642 |
| March | 1,086 | 42 | 169 | 7,387 | 752 | 0 | 302 | 2,413 | 0 | 425 | 12,576 |
| April | 986 | 37 | 173 | 6,869 | 698 | 0 | 250 | 2,210 | 0 | 358 | 11,580 |
| May | 1,063 | 46 | 209 | 7,025 | 721 | 0 | 328 | 2,367 | 0 | 387 | 12,147 |
| June | 1,048 | 36 | 201 | 7,351 | 699 | 0 | 328 | 2,445 | 0 | 402 | 12,511 |
| July | 1,138 | 36 | 211 | 8,033 | 767 | 0 | 320 | 2,563 | 0 | 434 | 13,502 |
| August | 1,066 | 36 | 208 | 7,856 | 767 | 0 | 240 | 2,553 | 0 | 468 | 13,195 |
| Sept | 1,004 | 33 | 175 | 7,218 | 714 | 0 | 239 | 2,375 | 0 | 473 | 12,230 |
| October | 1,005 | 37 | 166 | 7,165 | 667 | 0 | 239 | 2,423 | 0 | 481 | 12,182 |
| November | 1,022 | 37 | 98 | 7,395 | 694 | 0 | 206 | 2,422 | 0 | 442 | 12,317 |
| December | 1,089 | 47 | 118 | 8,025 | 650 | 0 | 322 | 2,541 | 0 | 417 | 13,210 |
| **2014** | | | | | | | | | | | |
| January | 1,202 | 117 | 122 | 7,650 | 613 | 0 | 354 | 2,517 | 0 | 347 | 12,921 |
| February | 1,101 | 70 | 110 | 6,741 | 502 | 0 | 255 | 2,267 | 0 | 308 | 11,354 |
| March | 1,159 | 74 | 131 | 7,336 | 582 | 0 | 212 | 2,484 | 0 | 312 | 12,290 |
| April | 978 | NM | 97 | 6,741 | 534 | 0 | 187 | 2,411 | 0 | 324 | 11,294 |
| May | 1,044 | 32 | 105 | 6,650 | 575 | 0 | 203 | 2,463 | 0 | 352 | 11,425 |
| June | 1,138 | 41 | 121 | 6,869 | 638 | 0 | 203 | 2,480 | 0 | 347 | 11,839 |
| July | 1,182 | 35 | 119 | 7,433 | 730 | 0 | 179 | 2,620 | 0 | 350 | 12,649 |
| August | 1,136 | 48 | 117 | 7,432 | 702 | 0 | 211 | 2,532 | 0 | 382 | 12,561 |
| Sept | 1,088 | 38 | 95 | 7,050 | 738 | 0 | 193 | 2,369 | 0 | 365 | 11,935 |
| October | 998 | 30 | 72 | 6,679 | 656 | 0 | 228 | 2,378 | 0 | 357 | 11,397 |
| November | 1,002 | 51 | 92 | 7,115 | 668 | 0 | 233 | 2,402 | 0 | 325 | 11,887 |
| December | 1,051 | 37 | 124 | 7,611 | 695 | 0 | 240 | 2,569 | 0 | 382 | 12,708 |
| **Year to Date** | | | | | | | | | | | |
| 2012 | 12,603 | 563 | 2,359 | 86,500 | 8,913 | 0 | 2,353 | 27,707 | 0 | 5,108 | 146,107 |
| 2013 | 12,554 | 495 | 2,036 | 88,733 | 8,531 | 0 | 3,463 | 29,091 | 0 | 5,113 | 150,015 |
| 2014 | 13,078 | 594 | 1,305 | 85,307 | 7,634 | 0 | 2,698 | 29,492 | 0 | 4,152 | 144,261 |
| **Rolling 12 Months Ending in December** | | | | | | | | | | | |
| 2013 | 12,554 | 495 | 2,036 | 88,733 | 8,531 | 0 | 3,463 | 29,091 | 0 | 5,113 | 150,015 |
| 2014 | 13,078 | NM | 1,305 | 85,307 | 7,634 | 0 | 2,698 | 29,492 | 0 | 4,152 | 144,261 |

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
Other includes non-biogenic municipal solid waste, batteries, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
See Glossary for definitions. Values for 2013 and prior years are final. Values for 2014 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, December 2014 and 2013 (Thousand Megawatthours)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 8,774 | 9,633 | -8.9% | 265 | 470 | 8,089 | 8,572 | 103 | 107 | 317 | 484 |
| Connecticut | 3,169 | 3,169 | 0.0% | NM | 6 | 3,091 | 3,088 | NM | 26 | NM | 50 |
| Maine | 1,052 | 1,286 | -18.2% | NM | 0 | 776 | 846 | 19 | 19 | 257 | 421 |
| Massachusetts | 1,887 | 2,407 | -21.6% | 39 | 50 | 1,790 | 2,299 | 45 | 48 | NM | 11 |
| New Hampshire | 1,767 | 1,813 | -2.5% | 153 | 326 | 1,606 | 1,475 | NM | 9 | NM | 2 |
| Rhode Island | 413 | 297 | 39.1% | NM | 3 | 408 | 289 | NM | NM | 0 | 0 |
| Vermont | 486 | 660 | -26.4% | 69 | 84 | 417 | 575 | NM | 1 | 0 | 0 |
| Middle Atlantic | 37,051 | 37,430 | -1.0% | 3,021 | 3,114 | 33,448 | 33,708 | 185 | 179 | 396 | 430 |
| New Jersey | 6,192 | 5,255 | 17.8% | -12 | -9 | 6,100 | 5,153 | 48 | 44 | 56 | 68 |
| New York | 11,486 | 11,774 | -2.4% | 2,924 | 2,993 | 8,371 | 8,587 | 107 | 103 | 85 | 91 |
| Pennsylvania | 19,373 | 20,401 | -5.0% | 109 | 130 | 18,978 | 19,968 | 30 | 31 | 255 | 272 |
| East North Central | 52,129 | 57,194 | -8.9% | 25,538 | 30,620 | 25,496 | 25,588 | 173 | 159 | 923 | 829 |
| Illinois | 17,978 | 18,380 | -2.2% | 906 | 1,047 | 16,776 | 17,057 | 60 | 52 | 235 | 224 |
| Indiana | 9,184 | 10,263 | -10.5% | 7,821 | 8,903 | 1,064 | 1,092 | 20 | 17 | 279 | 252 |
| Michigan | 8,793 | 9,811 | -10.4% | 6,792 | 7,842 | 1,798 | 1,771 | 69 | 69 | 133 | 128 |
| Ohio | 10,984 | 12,848 | -14.5% | 6,375 | 8,309 | 4,512 | 4,451 | NM | 9 | 82 | 79 |
| Wisconsin | 5,191 | 5,891 | -11.9% | 3,644 | 4,519 | 1,345 | 1,216 | NM | 10 | 193 | 146 |
| West North Central | 29,496 | 29,668 | -0.6% | 25,756 | 25,977 | 3,296 | 3,251 | 46 | 56 | 398 | 384 |
| Iowa | 5,464 | 5,083 | 7.5% | 4,373 | 3,808 | 877 | 1,064 | 22 | 22 | 193 | 189 |
| Kansas | 3,968 | 4,305 | -7.8% | 3,193 | 3,640 | 767 | 661 | 0 | 0 | NM | 4 |
| Minnesota | 5,367 | 4,828 | 11.2% | 4,490 | 3,974 | 724 | 701 | 14 | 20 | 138 | 133 |
| Missouri | 7,539 | 7,983 | -5.6% | 7,353 | 7,849 | 171 | 116 | 8 | 13 | NM | 5 |
| Nebraska | 3,327 | 3,425 | -2.8% | 3,019 | 3,228 | 270 | 160 | NM | 1 | 37 | 35 |
| North Dakota | 2,948 | 3,202 | -7.9% | 2,627 | 2,804 | 306 | 381 | NM | 0 | 15 | 17 |
| South Dakota | 882 | 842 | 4.8% | 701 | 674 | 181 | 168 | NM | 0 | 0 | 0 |
| South Atlantic | 62,574 | 63,419 | -1.3% | 51,671 | 52,980 | 9,231 | 8,609 | 104 | 107 | 1,569 | 1,725 |
| Delaware | 641 | 545 | 17.6% | NM | 2 | 553 | 472 | NM | 0 | 84 | 71 |
| District of Columbia | NM | 5 | NM | 0 | 0 | 0 | 0 | NM | 5 | 0 | 0 |
| Florida | 17,499 | 16,790 | 4.2% | 16,223 | 15,611 | 834 | 747 | NM | 5 | 436 | 426 |
| Georgia | 9,598 | 10,380 | -7.5% | 8,479 | 9,663 | 709 | 300 | NM | 2 | 407 | 415 |
| Maryland | 2,860 | 3,314 | -13.7% | NM | 5 | 2,796 | 3,241 | NM | 40 | 24 | 28 |
| North Carolina | 10,561 | 10,660 | -0.9% | 9,086 | 9,839 | 1,270 | 526 | 14 | 16 | 191 | 279 |
| South Carolina | 8,071 | 8,070 | 0.0% | 7,860 | 7,871 | 67 | 25 | NM | 1 | 144 | 174 |
| Virginia | 6,355 | 6,958 | -8.7% | 5,486 | 5,677 | 671 | 1,026 | 35 | 38 | 164 | 217 |
| West Virginia | 6,983 | 6,699 | 4.2% | 4,532 | 4,311 | 2,332 | 2,272 | 0 | 0 | 119 | 116 |
| East South Central | 31,835 | 31,843 | 0.0% | 27,086 | 28,233 | 3,785 | 2,669 | NM | 15 | 945 | 927 |
| Alabama | 12,777 | 12,989 | -1.6% | 9,360 | 10,311 | 3,026 | 2,355 | 0 | 0 | 391 | 323 |
| Kentucky | 8,002 | 8,221 | -2.7% | 7,944 | 8,170 | 8 | 6 | 0 | 0 | 50 | 45 |
| Mississippi | 4,691 | 4,482 | 4.7% | 3,703 | 3,942 | 737 | 294 | NM | 2 | 250 | 244 |
| Tennessee | 6,364 | 6,152 | 3.4% | 6,078 | 5,810 | 15 | 16 | NM | 13 | 254 | 314 |
| West South Central | 52,683 | 57,327 | -8.1% | 18,525 | 21,673 | 27,641 | 29,094 | 84 | 73 | 6,433 | 6,487 |
| Arkansas | 4,578 | 5,099 | -10.2% | 3,941 | 3,903 | 463 | 1,043 | NM | 1 | 174 | 152 |
| Louisiana | 8,338 | 9,043 | -7.8% | 4,552 | 4,876 | 1,170 | 1,447 | NM | 19 | 2,598 | 2,701 |
| Oklahoma | 5,566 | 6,471 | -14.0% | 3,876 | 4,723 | 1,633 | 1,687 | NM | NM | 55 | 68 |
| Texas | 34,201 | 36,713 | -6.8% | 6,155 | 8,171 | 24,375 | 24,916 | 64 | 60 | 3,606 | 3,566 |
| Mountain | 30,679 | 32,099 | -4.4% | 24,487 | 25,260 | 5,956 | 6,532 | 36 | 41 | 200 | 267 |
| Arizona | 8,393 | 9,474 | -11.4% | 7,518 | 7,814 | 863 | 1,647 | NM | 13 | 0 | 0 |
| Colorado | 4,567 | 4,855 | -5.9% | 3,403 | 3,793 | 1,158 | 1,054 | NM | 3 | NM | 5 |
| Idaho | 1,104 | 1,109 | -0.4% | 679 | 657 | 379 | 396 | 0 | 0 | 45 | 56 |
| Montana | 2,786 | 2,255 | 23.6% | 775 | 579 | 2,010 | 1,673 | 0 | 0 | NM | 2 |
| Nevada | 2,720 | 3,053 | -10.9% | 1,957 | 2,367 | 749 | 658 | NM | 8 | NM | 21 |
| New Mexico | 2,984 | 2,661 | 12.1% | 2,621 | 2,115 | 357 | 539 | NM | 8 | NM | 0 |
| Utah | 3,811 | 3,909 | -2.5% | 3,622 | 3,675 | 151 | 174 | NM | 9 | 31 | 52 |
| Wyoming | 4,312 | 4,784 | -9.9% | 3,912 | 4,261 | 288 | 392 | 0 | 0 | 113 | 131 |
| Pacific Contiguous | 30,504 | 32,890 | -7.3% | 18,804 | 18,449 | 9,980 | 12,538 | 232 | 268 | 1,489 | 1,634 |
| California | 14,969 | 17,193 | -12.9% | 5,600 | 6,011 | 7,843 | 9,471 | 223 | 254 | 1,302 | 1,457 |
| Oregon | 5,447 | 5,686 | -4.2% | 4,198 | 4,055 | 1,187 | 1,571 | NM | 11 | 55 | 48 |
| Washington | 10,088 | 10,011 | 0.8% | 9,005 | 8,383 | 949 | 1,496 | NM | 3 | 132 | 129 |
| Pacific Noncontiguous | 1,333 | 1,517 | -12.2% | 942 | 1,062 | 304 | 351 | 48 | 60 | 39 | 44 |
| Alaska | 551 | 650 | -15.1% | 508 | 592 | 20 | 18 | 15 | 28 | NM | 11 |
| Hawaii | 782 | 868 | -10.0% | 435 | 470 | 284 | 333 | 32 | 32 | 31 | 33 |
| U.S. Total | 337,059 | 353,021 | -4.5% | 196,094 | 207,837 | 127,227 | 130,911 | 1,030 | 1,064 | 12,708 | 13,210 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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 December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 110,757 | 115,436 | -4.1% | 3,760 | 3,812 | 101,416 | 104,880 | 1,324 | 1,207 | 4,257 | 5,537 |
| Connecticut | 33,605 | 35,611 | -5.6% | 52 | 50 | 32,598 | 34,599 | 365 | 347 | 590 | 615 |
| Maine | 13,154 | 14,030 | -6.2% | NM | 1 | 9,489 | 9,106 | 234 | 206 | 3,430 | 4,717 |
| Massachusetts | 31,124 | 32,885 | -5.4% | 754 | 611 | 29,597 | 31,572 | 573 | 527 | 200 | 175 |
| New Hampshire | 19,584 | 19,779 | -1.0% | 2,082 | 2,267 | 17,386 | 17,411 | 81 | 70 | NM | 30 |
| Rhode Island | 6,293 | 6,247 | 0.7% | 11 | 11 | 6,216 | 6,182 | 66 | 54 | 0 | 0 |
| Vermont | 6,997 | 6,885 | 1.6% | 861 | 872 | 6,131 | 6,009 | NM | 3 | 0 | 0 |
| Middle Atlantic | 425,450 | 427,653 | -0.5% | 34,588 | 34,844 | 384,150 | 386,152 | 2,200 | 2,049 | 4,512 | 4,608 |
| New Jersey | 67,465 | 64,751 | 4.2% | -142 | -123 | 66,351 | 63,519 | 621 | 562 | 635 | 793 |
| New York | 136,275 | 136,117 | 0.1% | 33,612 | 33,860 | 100,491 | 100,185 | 1,209 | 1,132 | 963 | 939 |
| Pennsylvania | 221,709 | 226,786 | -2.2% | 1,118 | 1,106 | 217,308 | 222,449 | 369 | 355 | 2,915 | 2,876 |
| East North Central | 619,176 | 622,073 | -0.5% | 321,622 | 326,582 | 285,266 | 283,232 | 2,104 | 2,041 | 10,185 | 10,219 |
| Illinois | 202,352 | 203,005 | -0.3% | 10,486 | 11,572 | 188,423 | 188,129 | 666 | 644 | 2,778 | 2,660 |
| Indiana | 115,634 | 110,403 | 4.7% | 101,150 | 96,048 | 11,187 | 10,900 | 218 | 220 | 3,079 | 3,236 |
| Michigan | 105,821 | 105,418 | 0.4% | 83,093 | 83,171 | 20,363 | 19,873 | 908 | 861 | 1,457 | 1,512 |
| Ohio | 134,602 | 137,284 | -2.0% | 83,256 | 88,764 | 50,217 | 47,464 | 198 | 186 | 931 | 871 |
| Wisconsin | 60,767 | 65,963 | -7.9% | 43,637 | 47,027 | 15,077 | 16,865 | 114 | 130 | 1,940 | 1,940 |
| West North Central | 339,319 | 330,302 | 2.7% | 292,439 | 286,360 | 41,654 | 39,121 | 598 | 585 | 4,627 | 4,237 |
| Iowa | 57,123 | 56,671 | 0.8% | 43,103 | 41,933 | 11,507 | 12,403 | 240 | 217 | 2,272 | 2,118 |
| Kansas | 50,043 | 48,473 | 3.2% | 39,908 | 39,809 | 10,014 | 8,588 | 0 | 0 | 120 | 76 |
| Minnesota | 56,825 | 51,297 | 10.8% | 46,399 | 41,156 | 8,667 | 8,471 | 175 | 183 | 1,584 | 1,487 |
| Missouri | 88,074 | 91,627 | -3.9% | 85,489 | 89,217 | 2,351 | 2,186 | 165 | 166 | 69 | 57 |
| Nebraska | 39,610 | 37,105 | 6.8% | 36,671 | 35,170 | 2,507 | 1,583 | 18 | 18 | 414 | 333 |
| North Dakota | 36,113 | 35,022 | 3.1% | 31,567 | 31,044 | 4,379 | 3,812 | NM | 0 | 167 | 165 |
| South Dakota | 11,530 | 10,109 | 14.1% | 9,301 | 8,031 | 2,230 | 2,078 | NM | 0 | 0 | 0 |
| South Atlantic | 787,211 | 760,976 | 3.4% | 643,835 | 627,855 | 123,528 | 112,274 | 1,388 | 1,236 | 18,460 | 19,610 |
| Delaware | 7,627 | 7,761 | -1.7% | NM | 26 | 6,717 | 6,772 | NM | 4 | 865 | 959 |
| District of Columbia | 65 | 66 | -1.3% | 0 | 0 | 0 | 0 | 65 | 66 | 0 | 0 |
| Florida | 231,062 | 222,399 | 3.9% | 211,977 | 202,527 | 13,879 | 14,301 | 75 | 64 | 5,130 | 5,507 |
| Georgia | 125,957 | 120,954 | 4.1% | 109,665 | 107,083 | 11,596 | 9,120 | 30 | 28 | 4,666 | 4,723 |
| Maryland | 38,015 | 35,851 | 6.0% | 39 | 30 | 37,079 | 35,055 | 549 | 444 | 349 | 323 |
| North Carolina | 128,904 | 125,936 | 2.4% | 113,421 | 116,317 | 13,133 | 6,522 | 198 | 171 | 2,151 | 2,927 |
| South Carolina | 97,095 | 95,250 | 1.9% | 93,797 | 91,796 | 1,356 | 1,461 | NM | 9 | 1,928 | 1,984 |
| Virginia | 77,323 | 76,897 | 0.6% | 63,287 | 63,725 | 11,352 | 10,668 | 452 | 451 | 2,232 | 2,053 |
| West Virginia | 81,162 | 75,863 | 7.0% | 51,610 | 46,351 | 28,415 | 28,376 | 0 | 0 | 1,138 | 1,136 |
| East South Central | 375,821 | 372,776 | 0.8% | 322,792 | 325,527 | 41,964 | 36,332 | 221 | 220 | 10,843 | 10,696 |
| Alabama | 149,963 | 150,573 | -0.4% | 112,429 | 115,027 | 33,133 | 31,398 | 0 | 0 | 4,400 | 4,148 |
| Kentucky | 90,737 | 89,741 | 1.1% | 90,006 | 89,098 | 159 | 210 | 0 | 0 | 571 | 433 |
| Mississippi | 54,864 | 52,810 | 3.9% | 43,428 | 45,413 | 8,514 | 4,580 | NM | 23 | 2,901 | 2,794 |
| Tennessee | 80,257 | 79,652 | 0.8% | 76,928 | 75,989 | 158 | 144 | 199 | 198 | 2,971 | 3,321 |
| West South Central | 673,108 | 669,387 | 0.6% | 245,541 | 252,255 | 355,827 | 342,730 | 1,010 | 887 | 70,731 | 73,515 |
| Arkansas | 61,581 | 60,322 | 2.1% | 48,529 | 46,548 | 11,197 | 11,901 | NM | 6 | 1,849 | 1,868 |
| Louisiana | 103,992 | 102,010 | 1.9% | 53,628 | 56,226 | 21,979 | 15,458 | 187 | 203 | 28,198 | 30,123 |
| Oklahoma | 70,299 | 73,674 | -4.6% | 48,144 | 53,349 | 21,303 | 19,588 | 25 | NM | 827 | 792 |
| Texas | 437,236 | 433,380 | 0.9% | 95,240 | 96,132 | 301,348 | 295,783 | 792 | 734 | 39,857 | 40,731 |
| Mountain | 373,161 | 376,452 | -0.9% | 290,149 | 297,549 | 79,723 | 75,172 | 458 | 462 | 2,832 | 3,269 |
| Arizona | 112,379 | 113,326 | -0.8% | 93,163 | 92,741 | 19,066 | 20,428 | 151 | 157 | 0 | 0 |
| Colorado | 54,001 | 52,937 | 2.0% | 40,891 | 42,509 | 13,011 | 10,331 | 42 | 34 | 56 | 64 |
| Idaho | 15,176 | 15,186 | -0.1% | 9,789 | 9,600 | 4,893 | 4,976 | 0 | 0 | 494 | 609 |
| Montana | 30,243 | 27,687 | 9.2% | 8,632 | 7,362 | 21,600 | 20,310 | 0 | 0 | 11 | 15 |
| Nevada | 36,193 | 36,444 | -0.7% | 25,596 | 27,888 | 10,387 | 8,207 | 104 | 98 | 105 | 251 |
| New Mexico | 32,125 | 35,871 | -10.4% | 26,372 | 29,833 | 5,674 | 5,947 | 78 | 89 | NM | 2 |
| Utah | 43,587 | 42,517 | 2.5% | 40,652 | 39,527 | 1,911 | 1,853 | 83 | 84 | 941 | 1,053 |
| Wyoming | 49,458 | 52,483 | -5.8% | 45,053 | 48,089 | 3,182 | 3,120 | 0 | 0 | 1,223 | 1,274 |
| Pacific Contiguous | 372,786 | 374,146 | -0.4% | 216,290 | 221,675 | 136,444 | 131,756 | 2,782 | 2,886 | 17,270 | 17,828 |
| California | 197,705 | 200,077 | -1.2% | 70,696 | 78,408 | 109,156 | 103,107 | 2,674 | 2,762 | 15,179 | 15,800 |
| Oregon | 59,719 | 59,896 | -0.3% | 44,213 | 43,254 | 14,771 | 15,948 | 84 | 98 | 651 | 595 |
| Washington | 115,363 | 114,173 | 1.0% | 101,381 | 100,014 | 12,517 | 12,701 | 25 | 26 | 1,440 | 1,433 |
| Pacific Noncontiguous | 16,147 | 16,764 | -3.7% | 10,886 | 11,600 | 4,095 | 4,007 | 621 | 660 | 545 | 497 |
| Alaska | 6,149 | 6,497 | -5.4% | 5,564 | 5,852 | 244 | 234 | 239 | 300 | 103 | 111 |
| Hawaii | 9,998 | 10,267 | -2.6% | 5,323 | 5,748 | 3,851 | 3,773 | 383 | 360 | 442 | 386 |
| U.S. Total | 4,092,935 | 4,065,964 | 0.7% | 2,381,901 | 2,388,058 | 1,554,067 | 1,515,657 | 12,706 | 12,234 | 144,261 | 150,015 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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, December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 279 | 1,172 | -76.2% | 92 | 257 | 178 | 907 | 0 | 0 | 8 | 8 |
| Connecticut | 11 | 209 | -94.8% | 0 | 0 | 11 | 209 | 0 | 0 | 0 | 0 |
| Maine | 9 | 9 | -4.2% | 0 | 0 | 3 | 5 | 0 | 0 | 6 | 4 |
| Massachusetts | 167 | 697 | -76.1% | 0 | 0 | 164 | 692 | 0 | 0 | NM | 4 |
| New Hampshire | 92 | 257 | -64.1% | 92 | 257 | 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 | 6,823 | 8,490 | -19.6% | NM | 0 | 6,743 | 8,409 | NM | 2 | 76 | 80 |
| New Jersey | 121 | 168 | -28.0% | 0 | 0 | 121 | 168 | 0 | 0 | 0 | 0 |
| New York | 187 | 567 | -67.0% | NM | 0 | 162 | 539 | 0 | 0 | 24 | 28 |
| Pennsylvania | 6,514 | 7,754 | -16.0% | 0 | 0 | 6,460 | 7,701 | NM | 2 | 52 | 51 |
| East North Central | 28,999 | 35,321 | -17.9% | 20,250 | 25,799 | 8,440 | 9,256 | 20 | 14 | 289 | 252 |
| Illinois | 7,697 | 8,432 | -8.7% | 896 | 1,022 | 6,638 | 7,269 | 7 | 5 | 156 | 136 |
| Indiana | 7,518 | 8,663 | -13.2% | 6,974 | 8,130 | 530 | 523 | 12 | 8 | NM | 2 |
| Michigan | 3,962 | 5,018 | -21.1% | 3,899 | 4,964 | NM | 34 | 0 | 0 | 26 | 21 |
| Ohio | 6,654 | 9,057 | -26.5% | 5,395 | 7,602 | 1,234 | 1,431 | NM | 0 | 24 | 24 |
| Wisconsin | 3,168 | 4,151 | -23.7% | 3,086 | 4,081 | 0 | 0 | NM | 0 | 82 | 70 |
| West North Central | 19,448 | 19,878 | -2.2% | 19,121 | 19,567 | NM | 3 | 21 | 22 | 303 | 287 |
| Iowa | 3,551 | 3,120 | 13.8% | 3,355 | 2,936 | 0 | 0 | 14 | 14 | 181 | 170 |
| Kansas | 2,124 | 2,562 | -17.1% | 2,124 | 2,562 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 2,888 | 2,503 | 15.4% | 2,817 | 2,436 | 0 | 0 | 0 | 0 | 71 | 67 |
| Missouri | 6,315 | 6,507 | -3.0% | 6,299 | 6,492 | NM | 3 | 7 | 8 | NM | 4 |
| Nebraska | 1,974 | 2,465 | -19.9% | 1,938 | 2,430 | 0 | 0 | 0 | 0 | 36 | 35 |
| North Dakota | 2,359 | 2,472 | -4.6% | 2,350 | 2,461 | 0 | 0 | 0 | 0 | NM | 11 |
| South Dakota | 238 | 249 | -4.5% | 238 | 249 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 21,368 | 22,896 | -6.7% | 17,869 | 18,838 | 3,330 | 3,835 | 4 | 8 | 165 | 215 |
| Delaware | 9 | 120 | -92.5% | 0 | 0 | 9 | 120 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 4,262 | 3,766 | 13.2% | 4,225 | 3,689 | 27 | 58 | 0 | 0 | NM | 19 |
| Georgia | 2,577 | 3,793 | -32.1% | 2,548 | 3,753 | 0 | 0 | 0 | 0 | 30 | 40 |
| Maryland | 1,055 | 1,383 | -23.7% | 0 | 0 | 1,044 | 1,371 | NM | 1 | 11 | 11 |
| North Carolina | 2,949 | 3,383 | -12.8% | 2,857 | 3,204 | 76 | 145 | 3 | 7 | NM | 27 |
| South Carolina | 2,127 | 2,068 | 2.8% | 2,115 | 2,052 | 0 | 0 | 0 | 0 | 13 | 16 |
| Virginia | 1,731 | 2,030 | -14.7% | 1,657 | 1,899 | 46 | 84 | 0 | 1 | 28 | 46 |
| West Virginia | 6,656 | 6,353 | 4.8% | 4,468 | 4,240 | 2,128 | 2,056 | 0 | 0 | 60 | 56 |
| East South Central | 13,540 | 14,030 | -3.5% | 13,185 | 13,646 | 247 | 266 | NM | 2 | 105 | 115 |
| Alabama | 3,315 | 3,720 | -10.9% | 3,303 | 3,702 | 0 | 0 | 0 | 0 | NM | 18 |
| Kentucky | 7,390 | 7,634 | -3.2% | 7,390 | 7,634 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 519 | 742 | -30.1% | 271 | 476 | 247 | 266 | 0 | 0 | 0 | 0 |
| Tennessee | 2,316 | 1,933 | 19.8% | 2,221 | 1,833 | 0 | 0 | NM | 2 | 92 | 98 |
| West South Central | 16,490 | 21,355 | -22.8% | 9,216 | 11,210 | 7,252 | 10,110 | 0 | 0 | NM | 35 |
| Arkansas | 2,174 | 3,036 | -28.4% | 2,170 | 2,570 | 0 | 462 | 0 | 0 | 4 | 4 |
| Louisiana | 1,555 | 1,702 | -8.6% | 967 | 692 | 588 | 1,010 | 0 | 0 | 0 | 0 |
| Oklahoma | 2,246 | 2,820 | -20.4% | 2,089 | 2,560 | 140 | 229 | 0 | 0 | NM | 31 |
| Texas | 10,515 | 13,797 | -23.8% | 3,990 | 5,389 | 6,525 | 8,409 | 0 | 0 | 0 | 0 |
| Mountain | 16,763 | 17,255 | -2.9% | 15,084 | 15,822 | 1,630 | 1,376 | 0 | 0 | 49 | 57 |
| Arizona | 3,480 | 3,810 | -8.7% | 3,480 | 3,810 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 2,699 | 2,987 | -9.6% | 2,694 | 2,978 | NM | 7 | 0 | 0 | NM | 1 |
| Idaho | NM | 12 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 12 |
| Montana | 1,441 | 1,161 | 24.2% | NM | 27 | 1,415 | 1,132 | 0 | 0 | NM | 1 |
| Nevada | 314 | 506 | -38.0% | 200 | 365 | 114 | 141 | 0 | 0 | 0 | 0 |
| New Mexico | 2,067 | 1,646 | 25.6% | 2,067 | 1,646 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 2,981 | 3,077 | -3.1% | 2,942 | 3,038 | 39 | 38 | 0 | 0 | 0 | 0 |
| Wyoming | 3,773 | 4,057 | -7.0% | 3,677 | 3,956 | NM | 57 | 0 | 0 | 39 | 43 |
| Pacific Contiguous | 838 | 1,273 | -34.2% | 253 | 402 | 554 | 838 | 0 | 0 | 31 | 34 |
| California | 27 | 29 | -4.0% | 0 | 0 | NM | 0 | 0 | 0 | 27 | 29 |
| Oregon | 253 | 402 | -37.1% | 253 | 402 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 558 | 843 | -33.8% | 0 | 0 | 554 | 838 | 0 | 0 | 4 | 5 |
| Pacific Noncontiguous | 169 | 188 | -10.3% | 18 | 18 | 139 | 144 | 10 | 21 | NM | 5 |
| Alaska | 45 | 54 | -17.1% | 18 | 18 | NM | 15 | 10 | 21 | 0 | 0 |
| Hawaii | 124 | 135 | -7.6% | 0 | 0 | 122 | 129 | 0 | 0 | NM | 5 |
| U.S. Total | 124,715 | 141,860 | -12.1% | 95,090 | 105,558 | 28,515 | 35,144 | 59 | 68 | 1,051 | 1,089 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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 December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 5,128 | 6,166 | -16.8% | 1,311 | 1,464 | 3,755 | 4,650 | 0 | 0 | 62 | 53 |
| Connecticut | 825 | 681 | 21.2% | 0 | 0 | 825 | 681 | 0 | 0 | 0 | 0 |
| Maine | 79 | 63 | 26.1% | 0 | 0 | 49 | 35 | 0 | 0 | 30 | 28 |
| Massachusetts | 2,913 | 3,959 | -26.4% | 0 | 0 | 2,881 | 3,934 | 0 | 0 | 31 | 25 |
| New Hampshire | 1,311 | 1,464 | -10.4% | 1,311 | 1,464 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 87,216 | 95,162 | -8.3% | NM | 15 | 86,277 | 94,355 | 21 | 18 | 891 | 773 |
| New Jersey | 2,551 | 2,022 | 26.2% | 0 | 0 | 2,551 | 2,022 | 0 | 0 | 0 | 0 |
| New York | 4,598 | 4,697 | -2.1% | NM | 15 | 4,260 | 4,375 | 0 | 0 | 310 | 307 |
| Pennsylvania | 80,067 | 88,443 | -9.5% | 0 | 0 | 79,465 | 87,959 | 21 | 18 | 581 | 466 |
| East North Central | 365,947 | 372,100 | -1.7% | 265,450 | 271,646 | 97,009 | 97,208 | 251 | 262 | 3,237 | 2,984 |
| Illinois | 87,371 | 87,927 | -0.6% | 9,986 | 10,918 | 75,504 | 75,282 | 57 | 51 | 1,824 | 1,675 |
| Indiana | 97,729 | 92,672 | 5.5% | 92,104 | 87,229 | 5,496 | 5,309 | 108 | 116 | 20 | 18 |
| Michigan | 53,086 | 56,291 | -5.7% | 52,313 | 55,616 | 428 | 334 | 79 | 91 | 266 | 250 |
| Ohio | 90,163 | 94,564 | -4.7% | 74,330 | 78,059 | 15,581 | 16,282 | NM | 3 | 249 | 220 |
| Wisconsin | 37,597 | 40,645 | -7.5% | 36,716 | 39,824 | 0 | 0 | NM | 1 | 878 | 820 |
| West North Central | 219,080 | 219,787 | -0.3% | 215,298 | 216,345 | 30 | 30 | 230 | 242 | 3,523 | 3,169 |
| Iowa | 34,209 | 33,302 | 2.7% | 31,917 | 31,194 | 0 | 0 | 154 | 150 | 2,138 | 1,958 |
| Kansas | 28,752 | 29,767 | -3.4% | 28,752 | 29,767 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 28,542 | 23,518 | 21.4% | 27,729 | 22,790 | 0 | 0 | 0 | 0 | 813 | 728 |
| Missouri | 72,746 | 76,105 | -4.4% | 72,583 | 75,933 | 30 | 30 | 76 | 92 | 57 | 49 |
| Nebraska | 25,038 | 26,767 | -6.5% | 24,626 | 26,434 | 0 | 0 | 0 | 0 | 411 | 333 |
| North Dakota | 27,104 | 27,478 | -1.4% | 27,000 | 27,377 | 0 | 0 | 0 | 0 | 103 | 101 |
| South Dakota | 2,689 | 2,849 | -5.6% | 2,689 | 2,849 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 292,963 | 268,583 | 9.1% | 241,860 | 219,054 | 48,823 | 47,260 | 37 | 45 | 2,243 | 2,224 |
| Delaware | 865 | 1,545 | -44.0% | 0 | 0 | 865 | 1,545 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 52,046 | 46,343 | 12.3% | 50,351 | 44,743 | 1,516 | 1,400 | 0 | 0 | 179 | 199 |
| Georgia | 45,276 | 40,233 | 12.5% | 44,846 | 39,768 | 0 | 0 | 0 | 0 | 431 | 465 |
| Maryland | 17,607 | 15,538 | 13.3% | 0 | 0 | 17,444 | 15,395 | NM | 4 | 157 | 140 |
| North Carolina | 49,893 | 47,072 | 6.0% | 48,057 | 44,974 | 1,581 | 1,778 | 23 | 34 | 232 | 287 |
| South Carolina | 28,925 | 24,407 | 18.5% | 28,748 | 24,248 | 0 | 0 | 0 | 0 | 178 | 159 |
| Virginia | 20,840 | 21,161 | -1.5% | 19,043 | 19,736 | 1,307 | 891 | NM | 7 | 482 | 527 |
| West Virginia | 77,510 | 72,284 | 7.2% | 50,815 | 45,585 | 26,110 | 26,252 | 0 | 0 | 584 | 447 |
| East South Central | 177,436 | 171,541 | 3.4% | 173,693 | 167,204 | 2,464 | 2,925 | 27 | 26 | 1,252 | 1,387 |
| Alabama | 47,306 | 47,050 | 0.5% | 47,155 | 46,860 | 0 | 0 | 0 | 0 | 151 | 191 |
| Kentucky | 83,497 | 83,303 | 0.2% | 83,497 | 83,303 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 10,729 | 8,701 | 23.3% | 8,265 | 5,777 | 2,464 | 2,925 | 0 | 0 | 0 | 0 |
| Tennessee | 35,904 | 32,486 | 10.5% | 34,776 | 31,264 | 0 | 0 | 27 | 26 | 1,101 | 1,196 |
| West South Central | 230,496 | 232,137 | -0.7% | 123,455 | 124,738 | 106,583 | 106,932 | 0 | 0 | 458 | 467 |
| Arkansas | 33,221 | 31,889 | 4.2% | 29,544 | 27,822 | 3,619 | 3,981 | 0 | 0 | 57 | 86 |
| Louisiana | 19,180 | 20,844 | -8.0% | 8,497 | 9,843 | 10,683 | 11,001 | 0 | 0 | 0 | 0 |
| Oklahoma | 29,921 | 29,999 | -0.3% | 27,630 | 27,746 | 1,890 | 1,873 | 0 | 0 | 401 | 381 |
| Texas | 148,174 | 149,404 | -0.8% | 57,784 | 59,327 | 90,390 | 90,077 | 0 | 0 | 0 | 0 |
| Mountain | 194,649 | 202,289 | -3.8% | 175,513 | 184,037 | 18,115 | 17,193 | 0 | 0 | 1,021 | 1,060 |
| Arizona | 42,665 | 43,492 | -1.9% | 42,665 | 43,492 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 32,545 | 33,703 | -3.4% | 32,443 | 33,584 | 95 | 112 | 0 | 0 | NM | 7 |
| Idaho | 94 | 92 | 2.9% | 0 | 0 | 0 | 0 | 0 | 0 | 94 | 92 |
| Montana | 15,831 | 14,880 | 6.4% | 285 | 298 | 15,534 | 14,572 | 0 | 0 | 11 | 10 |
| Nevada | 6,548 | 5,255 | 24.6% | 5,126 | 3,863 | 1,422 | 1,391 | 0 | 0 | 0 | 0 |
| New Mexico | 20,356 | 24,145 | -15.7% | 20,356 | 24,145 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 33,257 | 34,285 | -3.0% | 32,400 | 33,382 | 411 | 413 | 0 | 0 | 447 | 489 |
| Wyoming | 43,354 | 46,437 | -6.6% | 42,239 | 45,271 | 652 | 704 | 0 | 0 | 463 | 461 |
| Pacific Contiguous | 10,709 | 11,323 | -5.4% | 3,193 | 3,759 | 7,167 | 7,173 | 0 | 0 | 349 | 391 |
| California | 796 | 823 | -3.3% | 0 | 0 | 491 | 469 | 0 | 0 | 305 | 354 |
| Oregon | 3,193 | 3,759 | -15.1% | 3,193 | 3,759 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 6,720 | 6,740 | -0.3% | 0 | 0 | 6,676 | 6,704 | 0 | 0 | 44 | 37 |
| Pacific Noncontiguous | 2,072 | 2,028 | 2.2% | 186 | 191 | 1,661 | 1,545 | 184 | 246 | 42 | 46 |
| Alaska | 565 | 625 | -9.6% | 186 | 191 | 195 | 188 | 184 | 246 | 0 | 0 |
| Hawaii | 1,507 | 1,404 | 7.4% | 0 | 0 | 1,466 | 1,357 | 0 | 0 | 42 | 46 |
| U.S. Total | 1,585,697 | 1,581,115 | 0.3% | 1,199,986 | 1,188,452 | 371,882 | 379,270 | 750 | 839 | 13,078 | 12,554 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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, December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 29 | 327 | -91.1% | 5 | 27 | 17 | 281 | 6 | NM | NM | 7 |
| Connecticut | 6 | 88 | -93.3% | NM | 1 | 5 | 86 | NM | 0 | NM | 0 |
| Maine | NM | 52 | NM | NM | 0 | 1 | 46 | NM | 0 | NM | 6 |
| Massachusetts | 17 | 132 | -86.9% | 2 | 11 | 11 | 116 | 4 | 3 | NM | 0 |
| New Hampshire | 2 | 40 | -94.2% | 1 | 10 | NM | 26 | NM | 5 | NM | 0 |
| Rhode Island | NM | NM | NM | NM | 3 | 0 | 8 | NM | NM | 0 | 0 |
| Vermont | NM | 1 | NM | NM | 1 | 0 | 0 | NM | 0 | 0 | 0 |
| Middle Atlantic | 68 | 90 | -24.2% | 8 | 29 | 49 | 50 | NM | 1 | 10 | 10 |
| New Jersey | 11 | 4 | 160.9% | NM | 0 | 10 | 4 | NM | 0 | NM | 0 |
| New York | 31 | 47 | -33.6% | 8 | 29 | 13 | 8 | NM | 1 | 9 | 9 |
| Pennsylvania | 26 | 39 | -32.7% | NM | 0 | 25 | 38 | NM | 0 | NM | 1 |
| East North Central | 48 | 49 | -2.8% | 38 | 43 | 8 | 5 | NM | 0 | 2 | 2 |
| Illinois | 6 | 4 | 66.5% | 2 | 2 | 4 | 2 | NM | 0 | 0 | 0 |
| Indiana | 11 | 14 | -20.2% | 10 | 14 | 0 | 0 | NM | 0 | 1 | 1 |
| Michigan | 10 | 12 | -18.5% | 10 | 12 | NM | 0 | NM | 0 | NM | 0 |
| Ohio | 17 | 17 | 3.6% | 13 | 13 | 4 | 3 | NM | 0 | NM | 1 |
| Wisconsin | 3 | 2 | 29.5% | 2 | 2 | 0 | 0 | NM | 0 | NM | 0 |
| West North Central | 24 | 45 | -47.2% | 23 | 42 | NM | 2 | NM | 0 | NM | 0 |
| Iowa | 2 | 14 | -88.9% | 1 | 14 | NM | 0 | NM | 0 | NM | 0 |
| Kansas | 5 | 8 | -41.1% | 5 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 3 | 9 | -68.8% | 2 | 6 | NM | 2 | NM | 0 | NM | 0 |
| Missouri | 9 | 7 | 27.3% | 9 | 7 | 0 | 0 | NM | 0 | 0 | 0 |
| Nebraska | 2 | 2 | -18.5% | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 3 | 4 | -22.5% | 3 | 3 | 0 | 0 | NM | 0 | NM | 0 |
| South Dakota | NM | 0 | NM | NM | 0 | NM | 0 | NM | 0 | 0 | 0 |
| South Atlantic | 116 | 145 | -20.5% | 81 | 91 | 27 | 45 | NM | 1 | 6 | 8 |
| Delaware | 2 | 1 | 85.7% | NM | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 22 | 52 | -57.1% | 21 | 50 | NM | 0 | 0 | 0 | NM | 1 |
| Georgia | 11 | 0 | NM | 9 | -4 | NM | 0 | NM | 0 | 2 | 3 |
| Maryland | 11 | 46 | -76.2% | 2 | 5 | 8 | 39 | NM | 1 | NM | 0 |
| North Carolina | 19 | 17 | 11.5% | 18 | 16 | NM | 1 | NM | 0 | NM | 0 |
| South Carolina | 7 | 5 | 38.4% | 5 | 4 | 1 | 0 | NM | 0 | 1 | 1 |
| Virginia | 29 | 9 | 232.2% | 13 | 6 | 15 | 2 | NM | 0 | NM | 1 |
| West Virginia | 13 | 16 | -15.5% | 13 | 14 | 0 | 1 | 0 | 0 | 0 | 0 |
| East South Central | 25 | 44 | -44.1% | 23 | 42 | NM | 0 | NM | 0 | NM | 2 |
| Alabama | 0 | 6 | -100.4% | -2 | 4 | NM | 0 | 0 | 0 | NM | 1 |
| Kentucky | 12 | 14 | -15.0% | 12 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 1 | -67.8% | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 13 | 23 | -46.1% | 13 | 23 | 0 | 0 | NM | 0 | NM | 0 |
| West South Central | 18 | 26 | -30.2% | 13 | 8 | 5 | 16 | NM | 0 | NM | 1 |
| Arkansas | 5 | 5 | -9.2% | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 5 | 4 | 22.2% | 1 | 1 | 4 | 3 | 0 | 0 | 0 | 1 |
| Oklahoma | NM | 2 | NM | 0 | 2 | 0 | 0 | NM | NM | NM | 0 |
| Texas | 8 | 15 | -45.9% | 6 | 1 | 1 | 13 | NM | 0 | NM | 0 |
| Mountain | 20 | 18 | 14.6% | 18 | 17 | 2 | 1 | NM | 0 | NM | 0 |
| Arizona | 5 | 2 | 86.8% | 5 | 2 | 0 | 0 | NM | 0 | 0 | 0 |
| Colorado | 2 | 1 | 48.2% | 2 | 1 | 0 | 0 | 0 | 0 | NM | 0 |
| Idaho | NM | 0 | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 2 | 1 | 237.5% | NM | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 1 | 2 | -58.2% | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | 5 | 8 | -34.2% | 5 | 7 | NM | 0 | 0 | 0 | NM | 0 |
| Utah | 2 | 1 | 276.7% | 2 | 1 | NM | 0 | 0 | 0 | NM | 0 |
| Wyoming | 4 | 4 | 19.6% | 4 | 4 | 0 | 0 | 0 | 0 | NM | 0 |
| Pacific Contiguous | 7 | 7 | 5.8% | 4 | 3 | 2 | 2 | NM | 0 | NM | 2 |
| California | 3 | 5 | -27.1% | 3 | 2 | NM | 1 | NM | 0 | NM | 1 |
| Oregon | 2 | 0 | 331.9% | 2 | 0 | 0 | 0 | NM | 0 | 0 | 0 |
| Washington | 2 | 2 | 32.3% | NM | 0 | 1 | 0 | NM | 0 | NM | 1 |
| Pacific Noncontiguous | 593 | 687 | -13.7% | 485 | 530 | 93 | 141 | NM | 1 | 15 | 16 |
| Alaska | 64 | 86 | -25.6% | 60 | 81 | 0 | 0 | NM | 0 | 3 | 5 |
| Hawaii | 529 | 601 | -12.0% | 425 | 448 | 93 | 141 | 0 | 0 | 11 | 11 |
| U.S. Total | 948 | 1,438 | -34.1% | 698 | 832 | 203 | 544 | 11 | 16 | 37 | 47 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

## Table 1.8.B. Net Generation from Petroleum Liquids

## by State, by Sector, Year-to-Date through December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 2,219 | 1,096 | 102.5% | 269 | 154 | 1,760 | 841 | 140 | 65 | 50 | 36 |
| Connecticut | 499 | 306 | 63.0% | NM | 6 | 482 | 296 | NM | 2 | NM | 2 |
| Maine | 308 | 239 | 28.7% | NM | 1 | 260 | 204 | NM | 2 | 43 | 32 |
| Massachusetts | 1,009 | 390 | 158.6% | 131 | 71 | 794 | 287 | 82 | 31 | NM | 1 |
| New Hampshire | 297 | 105 | 184.1% | 108 | 62 | 163 | 28 | NM | 14 | NM | 0 |
| Rhode Island | 95 | 51 | 88.3% | 11 | 11 | 60 | 26 | NM | NM | 0 | 0 |
| Vermont | NM | 5 | NM | NM | 4 | 0 | 0 | NM | 1 | 0 | 0 |
| Middle Atlantic | 3,253 | 1,417 | 129.6% | 892 | 471 | 2,210 | 835 | NM | 20 | 106 | 91 |
| New Jersey | 483 | 107 | 351.0% | NM | 0 | 468 | 100 | NM | 1 | NM | 6 |
| New York | 2,129 | 1,007 | 111.3% | 891 | 470 | 1,114 | 444 | NM | 17 | 82 | 77 |
| Pennsylvania | 641 | 302 | 112.2% | NM | 0 | 628 | 291 | NM | 2 | NM | 9 |
| East North Central | 760 | 597 | 27.2% | 557 | 479 | 177 | 102 | NM | 3 | 22 | 14 |
| Illinois | 85 | 72 | 17.1% | 29 | 25 | 56 | 47 | NM | 0 | 0 | 0 |
| Indiana | 159 | 139 | 14.3% | 145 | 131 | 0 | 0 | NM | 1 | 13 | 7 |
| Michigan | 147 | 130 | 12.7% | 142 | 126 | NM | 0 | 2 | 1 | 2 | 3 |
| Ohio | 324 | 227 | 42.6% | 203 | 172 | 115 | 52 | NM | 0 | NM | 3 |
| Wisconsin | 46 | 29 | 57.7% | 38 | 25 | 6 | 2 | NM | 0 | NM | 1 |
| West North Central | 358 | 295 | 21.3% | 342 | 287 | 11 | 4 | NM | 2 | 2 | 2 |
| Iowa | 60 | 69 | -12.8% | 59 | 68 | NM | 1 | NM | 0 | NM | 0 |
| Kansas | 51 | 51 | -1.0% | 51 | 51 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 59 | 27 | 118.4% | 45 | 21 | 10 | 3 | NM | 2 | NM | 1 |
| Missouri | 109 | 65 | 67.0% | 109 | 65 | 0 | 0 | NM | 0 | 0 | 0 |
| Nebraska | 45 | 43 | 4.6% | 45 | 43 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 26 | 33 | -20.1% | 26 | 33 | 0 | 0 | NM | 0 | NM | 1 |
| South Dakota | 8 | 7 | 15.4% | 8 | 7 | NM | 0 | NM | 0 | 0 | 0 |
| South Atlantic | 3,439 | 1,562 | 120.2% | 2,339 | 1,182 | 946 | 247 | NM | 21 | 104 | 112 |
| Delaware | 163 | 23 | 610.5% | NM | 0 | 162 | 23 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 556 | 498 | 11.6% | 529 | 474 | NM | 4 | 0 | 0 | NM | 20 |
| Georgia | 181 | 68 | 168.2% | 99 | 20 | 40 | 1 | 2 | 2 | 41 | 45 |
| Maryland | 493 | 190 | 160.0% | 29 | 21 | 418 | 148 | NM | 19 | NM | 1 |
| North Carolina | 427 | 218 | 96.3% | 378 | 202 | 32 | 5 | NM | 0 | NM | 10 |
| South Carolina | 261 | 103 | 152.4% | 231 | 91 | 20 | 3 | NM | 0 | 10 | 9 |
| Virginia | 1,195 | 313 | 281.5% | 934 | 226 | 245 | 61 | NM | 1 | NM | 26 |
| West Virginia | 163 | 150 | 8.9% | 139 | 147 | 24 | 3 | 0 | 0 | 0 | 0 |
| East South Central | 440 | 325 | 35.3% | 393 | 304 | 11 | 1 | NM | 0 | NM | 20 |
| Alabama | 115 | 74 | 55.2% | 71 | 58 | 11 | 1 | 0 | 0 | NM | 16 |
| Kentucky | 128 | 107 | 20.5% | 128 | 107 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 14 | 14 | 2.5% | 14 | 11 | 0 | 0 | 0 | 0 | 1 | 3 |
| Tennessee | 182 | 130 | 39.8% | 181 | 129 | 0 | 0 | NM | 0 | NM | 1 |
| West South Central | 193 | 198 | -2.8% | 90 | 72 | 89 | 107 | NM | 0 | 12 | 19 |
| Arkansas | 29 | 42 | -29.8% | 19 | 26 | 7 | 15 | 0 | 0 | 3 | 1 |
| Louisiana | 48 | 54 | -11.9% | 13 | 11 | 29 | 27 | 0 | 0 | 6 | 16 |
| Oklahoma | 13 | 10 | 25.0% | 12 | 9 | 0 | 0 | NM | NM | NM | 1 |
| Texas | 103 | 92 | 11.6% | 47 | 26 | 53 | 65 | NM | 0 | NM | 2 |
| Mountain | 235 | 210 | 12.1% | 211 | 190 | 24 | 19 | NM | 0 | NM | 0 |
| Arizona | 57 | 43 | 32.8% | 57 | 43 | 0 | 0 | NM | 0 | 0 | 0 |
| Colorado | 14 | 10 | 40.0% | 14 | 10 | 0 | 0 | 0 | 0 | NM | 0 |
| Idaho | NM | 0 | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 21 | 15 | 42.2% | NM | 2 | 17 | 12 | 0 | 0 | 0 | 0 |
| Nevada | 15 | 19 | -18.8% | 13 | 15 | 2 | 4 | 0 | 0 | 0 | 0 |
| New Mexico | 65 | 58 | 11.8% | 61 | 56 | NM | 2 | 0 | 0 | NM | 0 |
| Utah | 25 | 26 | -3.1% | 24 | 25 | NM | 1 | 0 | 0 | NM | 0 |
| Wyoming | 38 | 39 | -3.8% | 38 | 39 | 0 | 0 | 0 | 0 | NM | 0 |
| Pacific Contiguous | 82 | 79 | 4.0% | 47 | 41 | 20 | 16 | NM | 2 | 12 | 20 |
| California | 48 | 48 | 0.1% | 33 | 32 | 10 | 6 | NM | 1 | 4 | 8 |
| Oregon | NM | 6 | NM | 10 | 6 | 0 | 0 | NM | 0 | 0 | 0 |
| Washington | 23 | 24 | -4.8% | NM | 3 | 10 | 9 | NM | 1 | 8 | 11 |
| Pacific Noncontiguous | 7,730 | 8,041 | -3.9% | 5,991 | 6,266 | 1,483 | 1,590 | 6 | 6 | 249 | 180 |
| Alaska | 787 | 819 | -3.9% | 736 | 770 | 0 | 0 | 4 | 4 | 48 | 44 |
| Hawaii | 6,943 | 7,223 | -3.9% | 5,256 | 5,495 | 1,483 | 1,590 | 2 | 2 | 202 | 136 |
| U.S. Total | 18,708 | 13,820 | 35.4% | 11,133 | 9,446 | 6,732 | 3,761 | 248 | 118 | 594 | 495 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

## Table 1.9.A. Net Generation from Petroleum Coke by State, by Sector, December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 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 | 22 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 22 |
| New Jersey | NM | 6 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 6 |
| New York | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pennsylvania | NM | 16 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 16 |
| East North Central | 269 | 407 | -33.8% | 144 | 269 | 96 | 106 | 0 | 0 | 29 | 32 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 96 | 180 | -46.8% | 96 | 180 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 61 | 99 | -38.7% | 47 | 78 | 3 | 7 | 0 | 0 | NM | 14 |
| Ohio | 94 | 100 | -5.7% | 0 | 0 | 93 | 99 | 0 | 0 | NM | NM |
| Wisconsin | 18 | 27 | -33.6% | 1 | 10 | 0 | 0 | 0 | 0 | 16 | 17 |
| West North Central | NM | 6 | NM | 0 | 0 | 0 | 0 | 1 | 1 | NM | 5 |
| Iowa | NM | 6 | NM | 0 | 0 | 0 | 0 | 1 | 1 | NM | 5 |
| Kansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missouri | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 159 | 88 | 80.4% | 140 | 71 | 0 | 0 | 0 | 0 | 19 | 17 |
| 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 | 140 | 71 | 95.8% | 140 | 71 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 19 | 17 | 14.2% | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 17 |
| 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 | 94 | 111 | -15.6% | 94 | 111 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 94 | 111 | -15.6% | 94 | 111 | 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 | 552 | 337 | 63.8% | 501 | 292 | 0 | 3 | 0 | 0 | 51 | 42 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 539 | 320 | 68.3% | 501 | 292 | 0 | 0 | 0 | 0 | NM | 28 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 13 | 17 | -20.6% | 0 | 0 | 0 | 3 | 0 | 0 | 13 | 14 |
| Mountain | 43 | 42 | 2.1% | 0 | 0 | 43 | 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 | 43 | 42 | 2.1% | 0 | 0 | 43 | 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 | 0 | -- | 0 | 0 | NM | 0 | 0 | 0 | 0 | 0 |
| California | NM | 0 | -- | 0 | 0 | NM | 0 | 0 | 0 | 0 | 0 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 1,143 | 1,013 | 12.9% | 879 | 743 | 139 | 151 | 1 | 1 | 124 | 118 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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 December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 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 | 195 | 212 | -8.0% | 0 | 0 | 0 | 0 | 0 | 0 | 195 | 212 |
| New Jersey | NM | 55 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 55 |
| New York | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pennsylvania | 165 | 158 | 4.7% | 0 | 0 | 0 | 0 | 0 | 0 | 165 | 158 |
| East North Central | 3,211 | 3,269 | -1.8% | 1,927 | 1,692 | 989 | 1,210 | 0 | 0 | 295 | 366 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 1,140 | 1,433 | -20.4% | 1,140 | 1,433 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 851 | 403 | 111.4% | 698 | 198 | 50 | 70 | 0 | 0 | 103 | 134 |
| Ohio | 952 | 1,159 | -17.8% | 0 | 0 | 939 | 1,140 | 0 | 0 | NM | NM |
| Wisconsin | 267 | 274 | -2.5% | 88 | 61 | 0 | 0 | 0 | 0 | 179 | 213 |
| West North Central | 54 | 72 | -25.9% | 0 | 0 | 0 | 0 | 9 | 5 | NM | 67 |
| Iowa | 54 | 72 | -25.9% | 0 | 0 | 0 | 0 | 9 | 5 | NM | 67 |
| 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 | 1,543 | 2,270 | -32.0% | 1,351 | 2,063 | 0 | 0 | 0 | 0 | 192 | 207 |
| Delaware | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 1,351 | 2,063 | -34.5% | 1,351 | 2,063 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 192 | 207 | -7.3% | 0 | 0 | 0 | 0 | 0 | 0 | 192 | 207 |
| 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 | 1,033 | 1,302 | -20.7% | 1,033 | 1,302 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 1,033 | 1,302 | -20.7% | 1,033 | 1,302 | 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 | 5,326 | 5,749 | -7.4% | 4,749 | 4,465 | 0 | 101 | 0 | 0 | 577 | 1,183 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 5,146 | 4,891 | 5.2% | 4,749 | 4,465 | 0 | 0 | 0 | 0 | 397 | 426 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 180 | 859 | -79.0% | 0 | 0 | 0 | 101 | 0 | 0 | 180 | 757 |
| Mountain | 403 | 448 | -10.1% | 0 | 0 | 403 | 448 | 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 | 403 | 448 | -10.1% | 0 | 0 | 403 | 448 | 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 | 17 | 21 | -20.6% | 0 | 0 | 17 | 21 | 0 | 0 | 0 | 0 |
| California | 17 | 21 | -20.6% | 0 | 0 | 17 | 21 | 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 | 11,781 | 13,344 | -11.7% | 9,059 | 9,522 | 1,408 | 1,780 | 9 | 5 | 1,305 | 2,036 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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, December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 3,459 | 3,178 | 8.8% | 12 | 10 | 3,275 | 2,855 | 69 | 69 | 103 | 245 |
| Connecticut | 1,423 | 1,171 | 21.5% | 0 | 2 | 1,354 | 1,098 | NM | 22 | NM | 49 |
| Maine | 280 | 518 | -45.9% | 0 | 0 | 232 | 329 | NM | 3 | 47 | 187 |
| Massachusetts | 934 | 887 | 5.3% | 10 | 8 | 877 | 833 | 38 | 40 | NM | 6 |
| New Hampshire | 431 | 328 | 31.6% | 2 | 0 | 426 | 324 | NM | 1 | NM | 2 |
| Rhode Island | 390 | 273 | 42.7% | 0 | 0 | 387 | 271 | NM | NM | 0 | 0 |
| Vermont | 0 | 0 | -8.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 11,867 | 10,809 | 9.8% | 1,051 | 1,116 | 10,579 | 9,456 | 92 | 91 | 145 | 146 |
| New Jersey | 2,758 | 2,139 | 28.9% | NM | 3 | 2,705 | 2,091 | NM | 11 | NM | 34 |
| New York | 4,360 | 4,503 | -3.2% | 1,048 | 1,113 | 3,223 | 3,298 | 68 | 70 | NM | 21 |
| Pennsylvania | 4,749 | 4,168 | 13.9% | 0 | 0 | 4,651 | 4,067 | NM | 10 | 89 | 91 |
| East North Central | 5,202 | 4,307 | 20.8% | 2,131 | 1,696 | 2,846 | 2,394 | 119 | 117 | 107 | 100 |
| Illinois | 460 | 331 | 39.0% | 3 | 19 | 374 | 239 | 52 | 47 | NM | 26 |
| Indiana | 879 | 720 | 22.1% | 673 | 527 | 159 | 153 | NM | 6 | 42 | 35 |
| Michigan | 863 | 990 | -12.8% | 221 | 201 | 581 | 720 | 40 | 46 | 21 | 23 |
| Ohio | 2,322 | 1,746 | 33.0% | 935 | 682 | 1,368 | 1,048 | NM | 9 | NM | 7 |
| Wisconsin | 677 | 521 | 30.0% | 297 | 267 | 363 | 234 | NM | 9 | NM | 10 |
| West North Central | 1,061 | 1,405 | -24.5% | 928 | 1,242 | 98 | 117 | NM | 20 | NM | 25 |
| Iowa | 156 | 140 | 11.3% | 147 | 125 | 0 | 0 | NM | 4 | NM | 11 |
| Kansas | 94 | 101 | -6.4% | 86 | 97 | 0 | 0 | 0 | 0 | NM | 4 |
| Minnesota | 446 | 607 | -26.5% | 420 | 488 | 10 | 97 | NM | 14 | NM | 8 |
| Missouri | 265 | 391 | -32.2% | 177 | 368 | 88 | 20 | 0 | 2 | NM | 0 |
| Nebraska | 27 | 22 | 22.4% | 26 | 22 | 0 | 0 | NM | 0 | NM | 0 |
| North Dakota | NM | 17 | NM | 1 | 16 | 0 | 0 | 0 | 0 | NM | 2 |
| South Dakota | 70 | 127 | -44.7% | 70 | 127 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 19,577 | 18,281 | 7.1% | 15,905 | 15,752 | 3,360 | 2,211 | NM | 44 | 270 | 274 |
| Delaware | 613 | 401 | 52.9% | NM | 2 | 536 | 343 | 0 | 0 | 75 | 56 |
| District of Columbia | NM | 5 | NM | 0 | 0 | 0 | 0 | NM | 5 | 0 | 0 |
| Florida | 9,744 | 9,691 | 0.6% | 9,157 | 9,235 | 469 | 337 | NM | 2 | 115 | 116 |
| Georgia | 3,509 | 2,709 | 29.6% | 2,826 | 2,422 | 647 | 238 | 0 | 0 | 36 | 48 |
| Maryland | 172 | 256 | -33.0% | 0 | 0 | 136 | 217 | NM | 35 | NM | 4 |
| North Carolina | 3,046 | 2,733 | 11.4% | 2,016 | 2,486 | 1,017 | 235 | 0 | 1 | NM | 10 |
| South Carolina | 822 | 702 | 17.1% | 771 | 688 | 48 | 6 | NM | 0 | NM | 7 |
| Virginia | 1,644 | 1,772 | -7.2% | 1,129 | 916 | 488 | 825 | NM | 0 | 27 | 31 |
| West Virginia | 23 | 14 | 70.0% | 4 | 3 | 19 | 11 | 0 | 0 | NM | 0 |
| East South Central | 7,979 | 6,726 | 18.6% | 4,204 | 4,119 | 3,502 | 2,369 | NM | 12 | 256 | 226 |
| Alabama | 4,382 | 3,808 | 15.1% | 1,290 | 1,385 | 3,006 | 2,338 | 0 | 0 | 85 | 85 |
| Kentucky | 134 | 54 | 148.9% | 107 | 39 | 7 | 4 | 0 | 0 | NM | 11 |
| Mississippi | 3,003 | 2,564 | 17.1% | 2,379 | 2,411 | 488 | 27 | NM | 2 | 134 | 125 |
| Tennessee | 460 | 300 | 53.5% | 428 | 283 | 0 | 0 | NM | 10 | 17 | 6 |
| West South Central | 23,305 | 25,045 | -6.9% | 5,509 | 7,081 | 12,148 | 12,231 | 77 | 70 | 5,571 | 5,664 |
| Arkansas | 729 | 868 | -16.0% | 249 | 269 | 451 | 567 | NM | 0 | 29 | 31 |
| Louisiana | 4,215 | 4,851 | -13.1% | 1,582 | 2,219 | 428 | 356 | NM | 19 | 2,187 | 2,257 |
| Oklahoma | 2,210 | 2,661 | -17.0% | 1,579 | 1,912 | 622 | 746 | NM | -6 | NM | 9 |
| Texas | 16,151 | 16,665 | -3.1% | 2,099 | 2,680 | 10,646 | 10,561 | 58 | 57 | 3,348 | 3,367 |
| Mountain | 5,867 | 7,686 | -23.7% | 4,029 | 4,970 | 1,722 | 2,564 | 31 | 35 | 85 | 117 |
| Arizona | 1,231 | 2,503 | -50.8% | 526 | 1,051 | 694 | 1,440 | NM | 12 | 0 | 0 |
| Colorado | 1,102 | 1,059 | 4.1% | 626 | 730 | 475 | 326 | 1 | 1 | NM | 2 |
| Idaho | 162 | 447 | -63.7% | 47 | 244 | 112 | 197 | 0 | 0 | NM | 6 |
| Montana | NM | 78 | NM | NM | 73 | NM | 5 | 0 | 0 | 0 | 0 |
| Nevada | 1,909 | 2,069 | -7.7% | 1,636 | 1,840 | 261 | 203 | NM | 6 | NM | 21 |
| New Mexico | 691 | 772 | -10.4% | 538 | 450 | 148 | 315 | NM | 7 | 0 | 0 |
| Utah | 677 | 706 | -4.1% | 610 | 579 | NM | 76 | NM | 9 | 31 | 42 |
| Wyoming | 46 | 53 | -12.5% | NM | 3 | NM | 2 | 0 | 0 | 44 | 48 |
| Pacific Contiguous | 11,484 | 15,147 | -24.2% | 4,289 | 5,281 | 6,007 | 8,482 | 143 | 163 | 1,045 | 1,221 |
| California | 9,408 | 11,885 | -20.8% | 3,029 | 3,298 | 5,209 | 7,225 | 136 | 151 | 1,033 | 1,212 |
| Oregon | 1,214 | 1,771 | -31.4% | 490 | 734 | 714 | 1,024 | NM | 9 | 6 | 4 |
| Washington | 862 | 1,492 | -42.2% | 770 | 1,250 | 85 | 233 | NM | 2 | 6 | 6 |
| Pacific Noncontiguous | 277 | 351 | -21.2% | 273 | 342 | 0 | 0 | NM | 3 | NM | 6 |
| Alaska | 277 | 351 | -21.2% | 273 | 342 | 0 | 0 | NM | 3 | NM | 6 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 90,077 | 92,936 | -3.1% | 38,330 | 41,610 | 43,535 | 42,679 | 601 | 623 | 7,611 | 8,025 |

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values for 2014 are preliminary. Values for 2013 are final. 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 December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 47,629 | 52,153 | -8.7% | 345 | 240 | 44,617 | 48,333 | 838 | 852 | 1,830 | 2,728 |
| Connecticut | 14,649 | 15,780 | -7.2% | 11 | 9 | 13,751 | 14,863 | 301 | 296 | 586 | 612 |
| Maine | 4,431 | 4,873 | -9.1% | 0 | 0 | 3,353 | 2,906 | NM | 26 | 1,052 | 1,941 |
| Massachusetts | 18,197 | 21,257 | -14.4% | 301 | 204 | 17,281 | 20,434 | 452 | 474 | 163 | 145 |
| New Hampshire | 4,388 | 4,100 | 7.0% | 30 | 25 | 4,312 | 4,030 | NM | 16 | NM | 30 |
| Rhode Island | 5,962 | 6,139 | -2.9% | 0 | 0 | 5,920 | 6,099 | 42 | 40 | 0 | 0 |
| Vermont | 2 | 3 | -18.6% | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 137,218 | 131,369 | 4.5% | 11,842 | 13,352 | 122,617 | 115,301 | 1,038 | 996 | 1,722 | 1,720 |
| New Jersey | 30,667 | 27,077 | 13.3% | NM | 39 | 30,028 | 26,449 | 184 | 174 | 412 | 415 |
| New York | 53,981 | 54,354 | -0.7% | 11,795 | 13,310 | 41,210 | 40,093 | 722 | 710 | 253 | 242 |
| Pennsylvania | 52,570 | 49,938 | 5.3% | NM | 3 | 51,378 | 48,759 | 132 | 113 | 1,056 | 1,063 |
| East North Central | 58,384 | 57,998 | 0.7% | 22,176 | 23,739 | 33,490 | 31,623 | 1,410 | 1,429 | 1,308 | 1,207 |
| Illinois | 5,549 | 6,828 | -18.7% | 419 | 579 | 4,130 | 5,297 | 607 | 591 | 394 | 361 |
| Indiana | 9,617 | 9,032 | 6.5% | 7,001 | 6,453 | 2,043 | 2,080 | 69 | 63 | 504 | 437 |
| Michigan | 11,570 | 12,341 | -6.2% | 2,845 | 2,658 | 8,044 | 8,946 | 448 | 489 | 233 | 249 |
| Ohio | 23,635 | 21,694 | 8.9% | 8,284 | 9,956 | 15,094 | 11,505 | 191 | 180 | 67 | 54 |
| Wisconsin | 8,011 | 8,102 | -1.1% | 3,627 | 4,095 | 4,178 | 3,795 | 95 | 107 | 111 | 106 |
| West North Central | 11,913 | 15,104 | -21.1% | 9,724 | 12,637 | 1,692 | 1,992 | 204 | 207 | 294 | 269 |
| Iowa | 1,476 | 1,430 | 3.2% | 1,359 | 1,327 | NM | 0 | 47 | 31 | 69 | 71 |
| Kansas | 1,765 | 1,980 | -10.9% | 1,645 | 1,905 | 0 | 0 | 0 | 0 | 120 | 76 |
| Minnesota | 3,865 | 6,301 | -38.7% | 3,150 | 5,067 | 536 | 1,025 | 99 | 109 | 79 | 100 |
| Missouri | 3,952 | 4,400 | -10.2% | 2,734 | 3,361 | 1,155 | 967 | 57 | 66 | NM | 5 |
| Nebraska | 419 | 437 | -4.1% | 415 | 436 | 0 | 0 | NM | 0 | NM | 0 |
| North Dakota | 19 | 54 | -64.9% | 3 | 37 | 0 | 0 | 0 | 0 | 16 | 17 |
| South Dakota | 417 | 502 | -17.0% | 417 | 502 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 252,387 | 250,918 | 0.6% | 202,922 | 208,648 | 45,986 | 38,477 | 572 | 496 | 2,907 | 3,297 |
| Delaware | 6,250 | 5,931 | 5.4% | NM | 24 | 5,582 | 5,104 | 0 | 0 | 639 | 803 |
| District of Columbia | 65 | 66 | -1.3% | 0 | 0 | 0 | 0 | 65 | 66 | 0 | 0 |
| Florida | 141,002 | 138,966 | 1.5% | 131,370 | 128,205 | 8,231 | 9,282 | 39 | 30 | 1,362 | 1,449 |
| Georgia | 40,843 | 40,330 | 1.3% | 29,662 | 31,143 | 10,805 | 8,593 | 0 | 0 | 377 | 594 |
| Maryland | 2,612 | 2,888 | -9.5% | 0 | 0 | 2,105 | 2,445 | 454 | 388 | 53 | 55 |
| North Carolina | 28,819 | 27,983 | 3.0% | 19,547 | 24,949 | 9,145 | 2,936 | 0 | 5 | 127 | 92 |
| South Carolina | 11,289 | 11,834 | -4.6% | 10,103 | 10,505 | 1,139 | 1,266 | NM | 5 | 38 | 58 |
| Virginia | 20,848 | 22,651 | -8.0% | 12,047 | 13,781 | 8,485 | 8,622 | NM | 3 | 312 | 245 |
| West Virginia | 659 | 270 | 144.3% | 164 | 41 | 494 | 229 | 0 | 0 | NM | 0 |
| East South Central | 89,335 | 84,798 | 5.3% | 47,338 | 48,944 | 39,100 | 33,042 | 191 | 193 | 2,706 | 2,620 |
| Alabama | 48,113 | 46,586 | 3.3% | 14,275 | 14,394 | 32,911 | 31,199 | 0 | 0 | 927 | 993 |
| Kentucky | 2,478 | 1,418 | 74.7% | 2,117 | 1,013 | 151 | 201 | 0 | 0 | 210 | 204 |
| Mississippi | 32,472 | 31,777 | 2.2% | 24,997 | 28,761 | 6,037 | 1,643 | NM | 23 | 1,416 | 1,350 |
| Tennessee | 6,272 | 5,017 | 25.0% | 5,949 | 4,775 | 0 | 0 | 169 | 170 | 154 | 72 |
| West South Central | 297,279 | 298,504 | -0.4% | 78,976 | 86,215 | 156,179 | 148,589 | 945 | 846 | 61,179 | 62,854 |
| Arkansas | 9,639 | 12,139 | -20.6% | 1,909 | 4,116 | 7,439 | 7,759 | NM | 1 | 290 | 264 |
| Louisiana | 56,182 | 52,510 | 7.0% | 23,058 | 24,227 | 9,277 | 3,313 | 187 | 203 | 23,660 | 24,768 |
| Oklahoma | 26,729 | 30,056 | -11.1% | 17,452 | 21,863 | 9,160 | 8,166 | 25 | NM | 91 | 83 |
| Texas | 204,729 | 203,798 | 0.5% | 36,557 | 36,009 | 130,303 | 129,352 | 732 | 698 | 37,138 | 37,739 |
| Mountain | 82,897 | 85,260 | -2.8% | 51,336 | 53,862 | 30,230 | 29,840 | 363 | 382 | 967 | 1,177 |
| Arizona | 27,347 | 29,685 | -7.9% | 11,508 | 11,533 | 15,709 | 18,014 | 129 | 138 | 0 | 0 |
| Colorado | 12,173 | 10,709 | 13.7% | 6,962 | 7,897 | 5,195 | 2,788 | 7 | 7 | 9 | 16 |
| Idaho | 2,496 | 3,392 | -26.4% | 1,202 | 1,610 | 1,263 | 1,739 | 0 | 0 | 31 | 43 |
| Montana | 544 | 614 | -11.5% | 510 | 577 | NM | 38 | 0 | 0 | 0 | 0 |
| Nevada | 22,833 | 24,767 | -7.8% | 18,076 | 21,356 | 4,584 | 3,096 | 70 | 67 | 102 | 248 |
| New Mexico | 8,720 | 8,975 | -2.8% | 5,714 | 5,483 | 2,930 | 3,405 | 74 | 86 | NM | 2 |
| Utah | 8,291 | 6,606 | 25.5% | 7,330 | 5,373 | 500 | 744 | 83 | 84 | 379 | 406 |
| Wyoming | 494 | 512 | -3.6% | NM | 33 | NM | 18 | 0 | 0 | 445 | 462 |
| Pacific Contiguous | 141,853 | 145,310 | -2.4% | 49,779 | 50,434 | 78,067 | 80,325 | 1,661 | 1,750 | 12,346 | 12,801 |
| California | 118,267 | 119,523 | -1.1% | 35,372 | 35,398 | 69,063 | 69,790 | 1,582 | 1,655 | 12,250 | 12,680 |
| Oregon | 12,665 | 14,363 | -11.8% | 4,917 | 5,169 | 7,640 | 9,067 | 62 | 76 | 46 | 51 |
| Washington | 10,921 | 11,424 | -4.4% | 9,490 | 9,868 | 1,364 | 1,468 | 17 | 19 | 50 | 70 |
| Pacific Noncontiguous | 3,033 | 3,421 | -11.3% | 2,980 | 3,356 | 0 | 0 | NM | 5 | 48 | 60 |
| Alaska | 3,033 | 3,421 | -11.3% | 2,980 | 3,356 | 0 | 0 | NM | 5 | 48 | 60 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 1,121,928 | 1,124,836 | -0.3% | 477,417 | 501,427 | 551,976 | 527,522 | 7,227 | 7,154 | 85,307 | 88,733 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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, December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 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 | 57 | 75 | -24.2% | 0 | 0 | 0 | 0 | 0 | 0 | 57 | 75 |
| New Jersey | 16 | 19 | -16.8% | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 19 |
| New York | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pennsylvania | 41 | 56 | -26.8% | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 56 |
| East North Central | 381 | 372 | 2.5% | 13 | 8 | 123 | 124 | 0 | 0 | 244 | 240 |
| Illinois | 26 | 34 | -24.0% | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 34 |
| Indiana | 200 | 194 | 3.3% | 0 | 1 | 0 | 0 | 0 | 0 | 200 | 193 |
| Michigan | 84 | 69 | 21.6% | 13 | 7 | 71 | 62 | 0 | 0 | 0 | 0 |
| Ohio | 71 | 75 | -5.4% | 0 | 0 | 53 | 62 | 0 | 0 | 18 | 13 |
| Wisconsin | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | NM | 4 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 4 |
| Iowa | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 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 | 4 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 4 |
| South Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 13 | 18 | -24.9% | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 18 |
| Delaware | 10 | 14 | -32.0% | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 14 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 0 | 0 | -56.8% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Carolina | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Carolina | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Virginia | 3 | 3 | 12.3% | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 |
| East South Central | 24 | 5 | 383.4% | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 5 |
| Alabama | 23 | 4 | 477.5% | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 4 |
| Kentucky | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 1 | 1 | 9.1% | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| West South Central | 388 | 362 | 7.4% | 0 | 74 | 195 | 109 | 0 | 0 | 194 | 179 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 169 | 184 | -7.9% | 0 | 74 | 73 | 0 | 0 | 0 | 96 | 110 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 219 | 178 | 23.1% | 0 | 0 | 121 | 109 | 0 | 0 | 98 | 69 |
| Mountain | 30 | 34 | -11.9% | 0 | 0 | 0 | 1 | 0 | 0 | 30 | 34 |
| 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 | -50.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 0 | 1 | -60.6% | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 0 | 0 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wyoming | 30 | 33 | -10.6% | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 33 |
| Pacific Contiguous | 161 | 133 | 21.0% | 0 | 0 | 34 | 41 | 0 | 0 | 127 | 92 |
| California | 127 | 92 | 37.3% | 0 | 0 | 0 | 0 | 0 | 0 | 127 | 92 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 34 | 41 | -16.0% | 0 | 0 | 34 | 41 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | NM | 4 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 4 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | NM | 4 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 4 |
| U.S. Total | 1,061 | 1,006 | 5.4% | 13 | 81 | 352 | 274 | 0 | 0 | 695 | 650 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

## Table 1.11.B. Net Generation from Other Gases

### by State, by Sector, Year-to-Date through December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 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 | 638 | 873 | -26.9% | 0 | 0 | 0 | 0 | 0 | 0 | 638 | 873 |
| New Jersey | 177 | 223 | -20.6% | 0 | 0 | 0 | 0 | 0 | 0 | 177 | 223 |
| New York | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pennsylvania | 461 | 650 | -29.1% | 0 | 0 | 0 | 0 | 0 | 0 | 461 | 650 |
| East North Central | 4,335 | 4,675 | -7.3% | 92 | 73 | 1,582 | 1,651 | 0 | 0 | 2,661 | 2,951 |
| Illinois | 294 | 356 | -17.5% | 0 | 0 | 8 | 17 | 0 | 0 | 286 | 339 |
| Indiana | 2,156 | 2,410 | -10.5% | 0 | 4 | 0 | 0 | 0 | 0 | 2,156 | 2,405 |
| Michigan | 1,070 | 957 | 11.8% | 92 | 68 | 978 | 888 | 0 | 0 | 0 | 0 |
| Ohio | 816 | 953 | -14.4% | 0 | 0 | 597 | 746 | 0 | 0 | 219 | 207 |
| Wisconsin | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 37 | 42 | -11.3% | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 42 |
| 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 | 37 | 42 | -11.3% | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 42 |
| South Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 264 | 190 | 38.9% | 0 | 0 | 0 | 0 | 0 | 0 | 264 | 190 |
| Delaware | 226 | 155 | 45.7% | 0 | 0 | 0 | 0 | 0 | 0 | 226 | 155 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 7 | 5 | 42.8% | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 5 |
| 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 | 31 | 30 | 3.1% | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 30 |
| East South Central | 219 | 281 | -22.0% | 0 | 0 | 0 | 0 | 0 | 0 | 219 | 281 |
| Alabama | 206 | 268 | -23.1% | 0 | 0 | 0 | 0 | 0 | 0 | 206 | 268 |
| Kentucky | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 13 | 13 | 2.1% | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 13 |
| West South Central | 4,106 | 4,646 | -11.6% | 0 | 725 | 1,928 | 1,457 | 0 | 0 | 2,179 | 2,464 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 1,897 | 2,246 | -15.5% | 0 | 725 | 824 | 0 | 0 | 0 | 1,073 | 1,521 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 2,209 | 2,400 | -7.9% | 0 | 0 | 1,104 | 1,457 | 0 | 0 | 1,105 | 943 |
| Mountain | 321 | 289 | 10.9% | 0 | 0 | 5 | 6 | 0 | 0 | 316 | 283 |
| 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 | -38.9% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 5 | 6 | -18.3% | 0 | 0 | 5 | 6 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | NM | 2 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 2 |
| Wyoming | 315 | 281 | 12.0% | 0 | 0 | 0 | 0 | 0 | 0 | 315 | 281 |
| Pacific Contiguous | 1,623 | 1,816 | -10.6% | 0 | 0 | 337 | 410 | 0 | 0 | 1,286 | 1,406 |
| California | 1,286 | 1,406 | -8.5% | 0 | 0 | 0 | 0 | 0 | 0 | 1,286 | 1,406 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 337 | 410 | -17.8% | 0 | 0 | 337 | 410 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 35 | 41 | -15.4% | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 41 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 35 | 41 | -15.4% | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 41 |
| U.S. Total | 11,578 | 12,853 | -9.9% | 92 | 798 | 3,852 | 3,524 | 0 | 0 | 7,634 | 8,531 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

## Table 1.12.A. Net Generation from Nuclear Energy by State, by Sector, December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 3,318 | 3,399 | -2.4% | 0 | 0 | 3,318 | 3,399 | 0 | 0 | 0 | 0 |
| Connecticut | 1,569 | 1,565 | 0.2% | 0 | 0 | 1,569 | 1,565 | 0 | 0 | 0 | 0 |
| Maine | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Massachusetts | 500 | 441 | 13.4% | 0 | 0 | 500 | 441 | 0 | 0 | 0 | 0 |
| New Hampshire | 928 | 928 | 0.0% | 0 | 0 | 928 | 928 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 322 | 464 | -30.7% | 0 | 0 | 322 | 464 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 14,283 | 13,945 | 2.4% | 0 | 0 | 14,283 | 13,945 | 0 | 0 | 0 | 0 |
| New Jersey | 3,131 | 2,759 | 13.5% | 0 | 0 | 3,131 | 2,759 | 0 | 0 | 0 | 0 |
| New York | 4,037 | 3,765 | 7.2% | 0 | 0 | 4,037 | 3,765 | 0 | 0 | 0 | 0 |
| Pennsylvania | 7,115 | 7,420 | -4.1% | 0 | 0 | 7,115 | 7,420 | 0 | 0 | 0 | 0 |
| East North Central | 14,404 | 14,115 | 2.0% | 2,439 | 2,451 | 11,964 | 11,664 | 0 | 0 | 0 | 0 |
| Illinois | 8,871 | 8,557 | 3.7% | 0 | 0 | 8,871 | 8,557 | 0 | 0 | 0 | 0 |
| Indiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 3,046 | 3,059 | -0.4% | 2,439 | 2,451 | 607 | 608 | 0 | 0 | 0 | 0 |
| Ohio | 1,623 | 1,627 | -0.2% | 0 | 0 | 1,623 | 1,627 | 0 | 0 | 0 | 0 |
| Wisconsin | 863 | 872 | -1.0% | 0 | 0 | 863 | 872 | 0 | 0 | 0 | 0 |
| West North Central | 3,881 | 3,796 | 2.2% | 3,650 | 3,339 | 231 | 457 | 0 | 0 | 0 | 0 |
| Iowa | 231 | 457 | -49.5% | 0 | 0 | 231 | 457 | 0 | 0 | 0 | 0 |
| Kansas | 910 | 904 | 0.6% | 910 | 904 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 1,023 | 831 | 23.0% | 1,023 | 831 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missouri | 796 | 924 | -13.8% | 796 | 924 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 921 | 680 | 35.5% | 921 | 680 | 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 | 18,054 | 18,092 | -0.2% | 16,729 | 16,763 | 1,326 | 1,329 | 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 | 2,639 | 2,524 | 4.6% | 2,639 | 2,524 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 2,914 | 3,060 | -4.8% | 2,914 | 3,060 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 1,326 | 1,329 | -0.2% | 0 | 0 | 1,326 | 1,329 | 0 | 0 | 0 | 0 |
| North Carolina | 3,850 | 3,550 | 8.4% | 3,850 | 3,550 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Carolina | 4,784 | 4,866 | -1.7% | 4,784 | 4,866 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 2,542 | 2,763 | -8.0% | 2,542 | 2,763 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 7,416 | 7,368 | 0.6% | 7,416 | 7,368 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 3,769 | 3,735 | 0.9% | 3,769 | 3,735 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 1,053 | 1,053 | 0.0% | 1,053 | 1,053 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 2,594 | 2,580 | 0.6% | 2,594 | 2,580 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | 6,666 | 5,525 | 20.7% | 2,854 | 2,437 | 3,812 | 3,088 | 0 | 0 | 0 | 0 |
| Arkansas | 1,354 | 837 | 61.7% | 1,354 | 837 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 1,500 | 1,599 | -6.2% | 1,500 | 1,599 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 3,812 | 3,088 | 23.4% | 0 | 0 | 3,812 | 3,088 | 0 | 0 | 0 | 0 |
| Mountain | 2,973 | 2,537 | 17.2% | 2,973 | 2,537 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arizona | 2,973 | 2,537 | 17.2% | 2,973 | 2,537 | 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 | 2,366 | 2,517 | -6.0% | 2,366 | 2,517 | 0 | 0 | 0 | 0 | 0 | 0 |
| California | 1,530 | 1,678 | -8.8% | 1,530 | 1,678 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 837 | 839 | -0.2% | 837 | 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 | 73,363 | 71,294 | 2.9% | 38,428 | 37,412 | 34,935 | 33,881 | 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 for 2014 are preliminary. Values for 2013 are final. 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 December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 36,839 | 37,183 | -0.9% | 0 | 0 | 36,839 | 37,183 | 0 | 0 | 0 | 0 |
| Connecticut | 15,841 | 17,080 | -7.3% | 0 | 0 | 15,841 | 17,080 | 0 | 0 | 0 | 0 |
| Maine | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Massachusetts | 5,769 | 4,331 | 33.2% | 0 | 0 | 5,769 | 4,331 | 0 | 0 | 0 | 0 |
| New Hampshire | 10,168 | 10,927 | -6.9% | 0 | 0 | 10,168 | 10,927 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 5,061 | 4,846 | 4.4% | 0 | 0 | 5,061 | 4,846 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 153,260 | 156,849 | -2.3% | 0 | 0 | 153,260 | 156,849 | 0 | 0 | 0 | 0 |
| New Jersey | 31,507 | 33,380 | -5.6% | 0 | 0 | 31,507 | 33,380 | 0 | 0 | 0 | 0 |
| New York | 43,039 | 44,756 | -3.8% | 0 | 0 | 43,039 | 44,756 | 0 | 0 | 0 | 0 |
| Pennsylvania | 78,715 | 78,714 | 0.0% | 0 | 0 | 78,715 | 78,714 | 0 | 0 | 0 | 0 |
| East North Central | 154,835 | 153,849 | 0.6% | 25,423 | 22,879 | 129,412 | 130,970 | 0 | 0 | 0 | 0 |
| Illinois | 97,858 | 97,131 | 0.7% | 0 | 0 | 97,858 | 97,131 | 0 | 0 | 0 | 0 |
| Indiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 31,246 | 28,921 | 8.0% | 25,423 | 22,879 | 5,823 | 6,042 | 0 | 0 | 0 | 0 |
| Ohio | 16,284 | 16,121 | 1.0% | 0 | 0 | 16,284 | 16,121 | 0 | 0 | 0 | 0 |
| Wisconsin | 9,447 | 11,675 | -19.1% | 0 | 0 | 9,447 | 11,675 | 0 | 0 | 0 | 0 |
| West North Central | 44,796 | 38,429 | 16.6% | 40,644 | 33,108 | 4,152 | 5,321 | 0 | 0 | 0 | 0 |
| Iowa | 4,152 | 5,321 | -22.0% | 0 | 0 | 4,152 | 5,321 | 0 | 0 | 0 | 0 |
| Kansas | 8,558 | 7,168 | 19.4% | 8,558 | 7,168 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 12,707 | 10,708 | 18.7% | 12,707 | 10,708 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missouri | 9,276 | 8,367 | 10.9% | 9,276 | 8,367 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 10,102 | 6,865 | 47.1% | 10,102 | 6,865 | 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 | 198,388 | 197,513 | 0.4% | 184,045 | 183,249 | 14,343 | 14,264 | 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 | 27,868 | 26,526 | 5.1% | 27,868 | 26,526 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 32,570 | 32,903 | -1.0% | 32,570 | 32,903 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 14,343 | 14,264 | 0.6% | 0 | 0 | 14,343 | 14,264 | 0 | 0 | 0 | 0 |
| North Carolina | 40,967 | 40,242 | 1.8% | 40,967 | 40,242 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Carolina | 52,419 | 54,252 | -3.4% | 52,419 | 54,252 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 30,221 | 29,326 | 3.1% | 30,221 | 29,326 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 79,065 | 80,174 | -1.4% | 79,065 | 80,174 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 41,244 | 40,816 | 1.0% | 41,244 | 40,816 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 10,151 | 10,865 | -6.6% | 10,151 | 10,865 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 27,670 | 28,494 | -2.9% | 27,670 | 28,494 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | 71,079 | 67,215 | 5.7% | 31,792 | 28,900 | 39,287 | 38,315 | 0 | 0 | 0 | 0 |
| Arkansas | 14,481 | 11,945 | 21.2% | 14,481 | 11,945 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 17,311 | 16,954 | 2.1% | 17,311 | 16,954 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 39,287 | 38,315 | 2.5% | 0 | 0 | 39,287 | 38,315 | 0 | 0 | 0 | 0 |
| Mountain | 32,321 | 31,431 | 2.8% | 32,321 | 31,431 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arizona | 32,321 | 31,431 | 2.8% | 32,321 | 31,431 | 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 | 26,483 | 26,373 | 0.4% | 26,483 | 26,373 | 0 | 0 | 0 | 0 | 0 | 0 |
| California | 16,986 | 17,912 | -5.2% | 16,986 | 17,912 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 9,497 | 8,461 | 12.2% | 9,497 | 8,461 | 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 | 797,067 | 789,016 | 1.0% | 419,773 | 406,114 | 377,295 | 382,902 | 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 for 2014 are preliminary. Values for 2013 are final. 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, December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 661 | 590 | 12.0% | 95 | 89 | 529 | 470 | NM | 1 | 37 | 31 |
| Connecticut | 32 | 29 | 7.2% | NM | 3 | 29 | 27 | 0 | 0 | 0 | 0 |
| Maine | 296 | 243 | 21.6% | 0 | 0 | 260 | 213 | 0 | 0 | 36 | 31 |
| Massachusetts | 96 | 85 | 12.3% | NM | 23 | 73 | 61 | NM | 1 | NM | 0 |
| New Hampshire | 135 | 108 | 24.4% | 36 | 23 | 98 | 85 | 0 | 0 | NM | 0 |
| Rhode Island | NM | 0 | NM | 0 | 0 | NM | 0 | 0 | 0 | 0 | 0 |
| Vermont | 103 | 124 | -16.7% | 34 | 41 | 69 | 83 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 2,560 | 2,638 | -3.0% | 2,009 | 2,000 | 546 | 632 | NM | 1 | NM | 6 |
| New Jersey | NM | 2 | NM | 0 | 0 | NM | 2 | 0 | 0 | 0 | 0 |
| New York | 2,283 | 2,300 | -0.7% | 1,900 | 1,870 | 378 | 423 | NM | 1 | NM | 6 |
| Pennsylvania | 275 | 337 | -18.4% | 109 | 130 | 166 | 207 | 0 | 0 | 0 | 0 |
| East North Central | 388 | 189 | 105.7% | 347 | 168 | NM | 14 | NM | 0 | NM | 7 |
| Illinois | NM | 8 | NM | NM | 3 | NM | 5 | NM | 0 | 0 | 0 |
| Indiana | 33 | 14 | 138.2% | 33 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 132 | 98 | 33.8% | 119 | 90 | NM | 7 | 0 | 0 | NM | 2 |
| Ohio | 28 | 9 | 219.9% | 28 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wisconsin | 187 | 60 | 212.0% | 163 | 52 | NM | 3 | 0 | 0 | NM | 5 |
| West North Central | 767 | 596 | 28.6% | 742 | 577 | NM | 13 | 0 | 0 | NM | 6 |
| Iowa | 70 | 47 | 48.6% | 70 | 47 | NM | 0 | 0 | 0 | 0 | 0 |
| Kansas | NM | 1 | NM | 0 | 0 | NM | 1 | 0 | 0 | 0 | 0 |
| Minnesota | 46 | 36 | 25.4% | NM | 18 | NM | 12 | 0 | 0 | NM | 6 |
| Missouri | 57 | 59 | -4.3% | 57 | 59 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 105 | 71 | 48.1% | 105 | 71 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 153 | 143 | 7.3% | 153 | 143 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 335 | 239 | 40.2% | 335 | 239 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 1,299 | 1,898 | -31.6% | 958 | 1,474 | 230 | 271 | NM | 1 | 109 | 153 |
| 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 | 26 | NM | NM | 26 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 268 | 441 | -39.3% | 265 | 436 | NM | 2 | 0 | 0 | NM | 3 |
| Maryland | 175 | 197 | -11.2% | 0 | 0 | 175 | 197 | 0 | 0 | 0 | 0 |
| North Carolina | 384 | 682 | -43.7% | 326 | 582 | NM | 6 | NM | 1 | 51 | 93 |
| South Carolina | 212 | 296 | -28.3% | 204 | 286 | NM | 9 | NM | 0 | 0 | 0 |
| Virginia | 103 | 96 | 6.9% | 96 | 90 | NM | 6 | 0 | 0 | NM | 0 |
| West Virginia | 137 | 161 | -14.6% | 47 | 53 | 36 | 51 | 0 | 0 | 55 | 57 |
| East South Central | 2,239 | 3,074 | -27.2% | 2,178 | 2,955 | NM | 1 | 0 | 0 | 59 | 118 |
| Alabama | 1,000 | 1,483 | -32.6% | 1,000 | 1,483 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 320 | 367 | -12.9% | 319 | 366 | NM | 1 | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 918 | 1,224 | -24.9% | 859 | 1,105 | 0 | 0 | 0 | 0 | 59 | 118 |
| West South Central | 372 | 494 | -24.6% | 298 | 414 | 74 | 80 | 0 | 0 | 0 | 0 |
| Arkansas | 164 | 226 | -27.5% | 163 | 222 | NM | 4 | 0 | 0 | 0 | 0 |
| Louisiana | 71 | 71 | -0.4% | 0 | 0 | 71 | 71 | 0 | 0 | 0 | 0 |
| Oklahoma | 107 | 115 | -7.2% | 107 | 115 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 30 | 81 | -62.6% | 28 | 76 | NM | 5 | 0 | 0 | 0 | 0 |
| Mountain | 2,509 | 1,810 | 38.7% | 2,107 | 1,535 | 402 | 274 | NM | 0 | 0 | 0 |
| Arizona | 515 | 394 | 30.9% | 515 | 394 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 111 | 89 | 24.8% | 92 | 79 | NM | 10 | NM | 0 | 0 | 0 |
| Idaho | 656 | 419 | 56.4% | 617 | 399 | 39 | 20 | 0 | 0 | 0 | 0 |
| Montana | 1,021 | 688 | 48.4% | 684 | 448 | 337 | 240 | 0 | 0 | 0 | 0 |
| Nevada | 124 | 160 | -22.8% | 119 | 157 | NM | 3 | 0 | 0 | 0 | 0 |
| New Mexico | NM | 6 | NM | NM | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 46 | 32 | 43.5% | 45 | 31 | NM | 1 | 0 | 0 | 0 | 0 |
| Wyoming | 29 | 22 | 32.3% | 28 | 22 | NM | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 11,470 | 9,693 | 18.3% | 11,376 | 9,609 | 94 | 84 | NM | 0 | 0 | 0 |
| California | 985 | 919 | 7.2% | 943 | 878 | NM | 40 | NM | 0 | 0 | 0 |
| Oregon | 3,403 | 2,833 | 20.1% | 3,377 | 2,812 | NM | 21 | 0 | 0 | 0 | 0 |
| Washington | 7,082 | 5,941 | 19.2% | 7,056 | 5,919 | NM | 22 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 155 | 146 | 6.4% | 150 | 144 | 1 | 0 | 0 | 0 | NM | 1 |
| Alaska | 148 | 144 | 3.2% | 148 | 144 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | NM | 2 | NM | NM | 1 | 1 | 0 | 0 | 0 | NM | 1 |
| U.S. Total | 22,420 | 21,128 | 6.1% | 20,259 | 18,964 | 1,919 | 1,839 | NM | 3 | 240 | 322 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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 December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 7,104 | 7,671 | -7.4% | 948 | 1,085 | 5,766 | 6,140 | NM | 6 | 385 | 440 |
| Connecticut | 357 | 402 | -11.2% | NM | 36 | 325 | 366 | 0 | 0 | 0 | 0 |
| Maine | 3,287 | 3,560 | -7.7% | 0 | 0 | 2,913 | 3,124 | 0 | 0 | 374 | 437 |
| Massachusetts | 969 | 992 | -2.3% | 245 | 270 | 715 | 712 | NM | 6 | NM | 4 |
| New Hampshire | 1,361 | 1,427 | -4.7% | 297 | 358 | 1,057 | 1,069 | 0 | 0 | NM | 0 |
| Rhode Island | NM | 4 | NM | 0 | 0 | NM | 4 | 0 | 0 | 0 | 0 |
| Vermont | 1,127 | 1,286 | -12.4% | 374 | 421 | 752 | 865 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 28,298 | 27,516 | 2.8% | 22,503 | 21,429 | 5,736 | 6,020 | NM | 6 | 54 | 62 |
| New Jersey | NM | 18 | NM | 0 | 0 | NM | 18 | 0 | 0 | 0 | 0 |
| New York | 25,547 | 24,973 | 2.3% | 21,390 | 20,327 | 4,098 | 4,579 | NM | 6 | 54 | 62 |
| Pennsylvania | 2,725 | 2,525 | 8.0% | 1,113 | 1,102 | 1,613 | 1,423 | 0 | 0 | 0 | 0 |
| East North Central | 4,416 | 4,454 | -0.9% | 3,955 | 4,009 | 281 | 260 | NM | 2 | 178 | 184 |
| Illinois | 123 | 120 | 2.3% | 41 | 46 | 81 | 73 | NM | 2 | 0 | 0 |
| Indiana | 352 | 387 | -9.1% | 352 | 387 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 1,458 | 1,419 | 2.8% | 1,325 | 1,293 | 106 | 97 | 0 | 0 | NM | 29 |
| Ohio | 404 | 549 | -26.4% | 404 | 549 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wisconsin | 2,078 | 1,979 | 5.0% | 1,833 | 1,734 | 95 | 90 | 0 | 0 | 151 | 155 |
| West North Central | 11,187 | 9,450 | 18.4% | 10,904 | 9,170 | 194 | 190 | 0 | 0 | 88 | 90 |
| Iowa | 719 | 749 | -4.1% | 713 | 743 | NM | 6 | 0 | 0 | 0 | 0 |
| Kansas | NM | 15 | NM | 0 | 0 | NM | 15 | 0 | 0 | 0 | 0 |
| Minnesota | 519 | 511 | 1.6% | 257 | 251 | 174 | 170 | 0 | 0 | 88 | 90 |
| Missouri | 700 | 1,136 | -38.4% | 700 | 1,136 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 1,204 | 1,124 | 7.1% | 1,204 | 1,124 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 2,531 | 1,852 | 36.7% | 2,531 | 1,852 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 5,500 | 4,063 | 35.4% | 5,500 | 4,063 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 15,684 | 18,748 | -16.3% | 12,287 | 14,679 | 2,176 | 2,483 | NM | 18 | 1,203 | 1,568 |
| 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 | 221 | 254 | -13.1% | 221 | 254 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 3,301 | 3,714 | -11.1% | 3,269 | 3,677 | NM | 14 | 0 | 0 | NM | 23 |
| Maryland | 1,623 | 1,727 | -6.0% | 0 | 0 | 1,623 | 1,727 | 0 | 0 | 0 | 0 |
| North Carolina | 5,107 | 6,901 | -26.0% | 4,386 | 5,943 | 55 | 62 | 15 | 15 | 651 | 881 |
| South Carolina | 2,806 | 3,160 | -11.2% | 2,716 | 3,056 | 86 | 100 | NM | 4 | 0 | 0 |
| Virginia | 1,282 | 1,254 | 2.2% | 1,203 | 1,171 | 68 | 78 | 0 | 0 | NM | 5 |
| West Virginia | 1,345 | 1,739 | -22.7% | 491 | 578 | 331 | 502 | 0 | 0 | 522 | 659 |
| East South Central | 22,363 | 28,618 | -21.9% | 21,610 | 27,534 | NM | 9 | 0 | 0 | 745 | 1,074 |
| Alabama | 9,684 | 12,899 | -24.9% | 9,684 | 12,899 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 3,090 | 3,275 | -5.7% | 3,081 | 3,266 | NM | 9 | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 9,589 | 12,443 | -22.9% | 8,844 | 11,369 | 0 | 0 | 0 | 0 | 745 | 1,074 |
| West South Central | 5,727 | 6,357 | -9.9% | 4,593 | 5,235 | 1,134 | 1,122 | 0 | 0 | 0 | 0 |
| Arkansas | 2,525 | 2,655 | -4.9% | 2,509 | 2,609 | NM | 46 | 0 | 0 | 0 | 0 |
| Louisiana | 1,090 | 1,045 | 4.4% | 0 | 0 | 1,090 | 1,045 | 0 | 0 | 0 | 0 |
| Oklahoma | 1,546 | 2,178 | -29.0% | 1,546 | 2,178 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 566 | 480 | 17.9% | 538 | 449 | NM | 31 | 0 | 0 | 0 | 0 |
| Mountain | 32,309 | 29,229 | 10.5% | 27,638 | 25,051 | 4,663 | 4,171 | NM | 7 | 0 | 0 |
| Arizona | 6,163 | 5,915 | 4.2% | 6,163 | 5,915 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 1,740 | 1,213 | 43.5% | 1,515 | 1,126 | 218 | 80 | NM | 7 | 0 | 0 |
| Idaho | 9,170 | 8,473 | 8.2% | 8,411 | 7,846 | 758 | 627 | 0 | 0 | 0 | 0 |
| Montana | 11,215 | 9,638 | 16.4% | 7,600 | 6,247 | 3,615 | 3,391 | 0 | 0 | 0 | 0 |
| Nevada | 2,409 | 2,682 | -10.2% | 2,357 | 2,628 | NM | 54 | 0 | 0 | 0 | 0 |
| New Mexico | 142 | 92 | 54.3% | 142 | 92 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 633 | 505 | 25.3% | 623 | 495 | NM | 10 | 0 | 0 | 0 | 0 |
| Wyoming | 838 | 711 | 17.8% | 828 | 701 | NM | 10 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 130,048 | 135,007 | -3.7% | 128,800 | 133,394 | 1,244 | 1,608 | NM | 5 | 0 | 0 |
| California | 16,409 | 23,755 | -30.9% | 15,705 | 22,657 | 701 | 1,093 | NM | 5 | 0 | 0 |
| Oregon | 34,939 | 33,098 | 5.6% | 34,667 | 32,854 | 272 | 244 | 0 | 0 | 0 | 0 |
| Washington | 78,700 | 78,155 | 0.7% | 78,429 | 77,883 | 271 | 272 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 1,613 | 1,514 | 6.5% | 1,549 | 1,454 | 18 | 15 | 0 | 0 | NM | 44 |
| Alaska | 1,530 | 1,435 | 6.6% | 1,530 | 1,435 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 82 | 78 | 5.3% | NM | 19 | 18 | 15 | 0 | 0 | NM | 44 |
| U.S. Total | 258,749 | 268,565 | -3.7% | 234,788 | 243,040 | 21,221 | 22,018 | 42 | 44 | 2,698 | 3,463 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

## Table 1.14.A. Net Generation from Renewable Sources Excluding Hydroelectric by State, by Sector, December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 891 | 851 | 4.7% | 61 | 87 | 656 | 565 | 18 | 17 | 156 | 182 |
| Connecticut | 72 | 56 | 29.8% | 0 | 0 | 70 | 54 | NM | 2 | 0 | 0 |
| Maine | 428 | 430 | -0.5% | 0 | 0 | 263 | 239 | 9 | 8 | 156 | 182 |
| Massachusetts | 136 | 138 | -1.8% | NM | 7 | 127 | 128 | NM | 3 | 0 | 0 |
| New Hampshire | 173 | 147 | 17.7% | 21 | 37 | 149 | 107 | 3 | 3 | 0 | 0 |
| Rhode Island | 21 | 10 | 122.8% | 0 | 0 | 21 | 10 | 0 | 0 | 0 | 0 |
| Vermont | 61 | 70 | -13.7% | 34 | 43 | 26 | 28 | NM | 0 | 0 | 0 |
| Middle Atlantic | 1,251 | 1,253 | -0.2% | NM | 25 | 1,118 | 1,098 | 49 | 47 | 82 | 84 |
| New Jersey | 116 | 114 | 2.0% | NM | 2 | 94 | 93 | 20 | 19 | NM | 0 |
| New York | 538 | 562 | -4.2% | 0 | 24 | 494 | 495 | 19 | 17 | 26 | 27 |
| Pennsylvania | 596 | 577 | 3.2% | 0 | 0 | 529 | 510 | 10 | 11 | 57 | 57 |
| East North Central | 2,384 | 2,414 | -1.3% | 209 | 241 | 1,981 | 2,013 | 18 | 15 | 176 | 146 |
| Illinois | 886 | 987 | -10.3% | NM | 0 | 885 | 987 | 0 | 0 | 0 | 0 |
| Indiana | 407 | 447 | -9.0% | 27 | 26 | 375 | 416 | NM | 2 | 4 | 4 |
| Michigan | 647 | 506 | 27.9% | 86 | 106 | 474 | 322 | 15 | 12 | 72 | 66 |
| Ohio | 173 | 217 | -20.5% | NM | 3 | 138 | 180 | NM | 0 | 32 | 34 |
| Wisconsin | 271 | 257 | 5.8% | 92 | 106 | 109 | 108 | NM | 1 | 68 | 42 |
| West North Central | 4,265 | 3,908 | 9.2% | 1,266 | 1,199 | 2,939 | 2,648 | 10 | 11 | 50 | 50 |
| Iowa | 1,448 | 1,298 | 11.6% | 799 | 686 | 645 | 607 | NM | 3 | 1 | 2 |
| Kansas | 834 | 729 | 14.4% | 69 | 69 | 766 | 660 | 0 | 0 | 0 | 0 |
| Minnesota | 933 | 811 | 15.1% | 192 | 181 | 690 | 579 | NM | 4 | 47 | 47 |
| Missouri | 87 | 99 | -12.1% | NM | 3 | 81 | 93 | 2 | 3 | NM | 0 |
| Nebraska | 298 | 185 | 60.8% | 26 | 23 | 270 | 160 | NM | 1 | 0 | 0 |
| North Dakota | 426 | 559 | -23.8% | 118 | 178 | 306 | 381 | 0 | 0 | NM | 0 |
| South Dakota | 239 | 227 | 5.4% | 58 | 59 | 181 | 168 | 0 | 0 | 0 | 0 |
| South Atlantic | 1,849 | 1,795 | 3.1% | 175 | 148 | 781 | 729 | 38 | 35 | 856 | 882 |
| Delaware | 7 | 9 | -16.9% | NM | 0 | 7 | 8 | NM | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 441 | 422 | 4.3% | 21 | 16 | 231 | 230 | 4 | 3 | 184 | 173 |
| Georgia | 382 | 360 | 6.2% | 0 | 0 | 61 | 60 | NM | 2 | 319 | 298 |
| Maryland | 97 | 82 | 17.5% | NM | 1 | 83 | 67 | NM | 3 | 10 | 12 |
| North Carolina | 274 | 240 | 14.3% | NM | 0 | 152 | 117 | 9 | 7 | 113 | 116 |
| South Carolina | 172 | 195 | -11.8% | 41 | 40 | NM | 9 | 0 | 0 | 122 | 146 |
| Virginia | 327 | 333 | -1.9% | 111 | 91 | 90 | 85 | 18 | 19 | 108 | 138 |
| West Virginia | 149 | 153 | -2.4% | 0 | 0 | 149 | 153 | 0 | 0 | 0 | 0 |
| East South Central | 540 | 498 | 8.5% | 8 | 5 | 36 | 33 | NM | 0 | 496 | 459 |
| Alabama | 289 | 232 | 24.4% | 0 | 0 | 20 | 16 | 0 | 0 | 269 | 215 |
| Kentucky | 39 | 40 | -2.4% | 8 | 5 | 0 | 0 | 0 | 0 | 31 | 35 |
| Mississippi | 116 | 120 | -3.2% | 0 | 0 | NM | 1 | 0 | 0 | 115 | 119 |
| Tennessee | 97 | 106 | -8.8% | 0 | 0 | 15 | 16 | NM | 0 | 82 | 90 |
| West South Central | 4,785 | 4,078 | 17.3% | 138 | 150 | 4,155 | 3,456 | NM | 4 | 485 | 468 |
| Arkansas | 151 | 126 | 19.5% | 0 | 0 | 10 | 9 | NM | 0 | 140 | 116 |
| Louisiana | 235 | 243 | -3.2% | 0 | 0 | 6 | 7 | 0 | 0 | 229 | 236 |
| Oklahoma | 1,006 | 864 | 16.4% | 106 | 125 | 872 | 712 | 0 | 0 | 28 | 27 |
| Texas | 3,393 | 2,844 | 19.3% | 32 | 24 | 3,266 | 2,728 | NM | 3 | 88 | 89 |
| Mountain | 2,468 | 2,689 | -8.2% | 303 | 401 | 2,127 | 2,248 | NM | 5 | 34 | 34 |
| Arizona | 196 | 239 | -17.9% | 26 | 31 | 169 | 206 | NM | 2 | 0 | 0 |
| Colorado | 673 | 730 | -7.8% | 14 | 19 | 658 | 710 | NM | 1 | NM | 0 |
| Idaho | 278 | 224 | 23.8% | 16 | 14 | 229 | 178 | 0 | 0 | 33 | 32 |
| Montana | 203 | 261 | -22.4% | 20 | 31 | 182 | 229 | 0 | 0 | 0 | 2 |
| Nevada | 371 | 313 | 18.6% | 0 | 0 | 369 | 310 | NM | 2 | NM | 0 |
| New Mexico | 213 | 230 | -7.3% | NM | 5 | 209 | 224 | NM | 0 | 0 | 0 |
| Utah | 105 | 84 | 25.5% | 23 | 26 | 82 | 58 | 0 | 0 | 0 | 0 |
| Wyoming | 430 | 608 | -29.3% | 200 | 276 | 229 | 332 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 4,156 | 4,034 | 3.0% | 584 | 640 | 3,260 | 3,064 | 90 | 105 | 223 | 225 |
| California | 2,885 | 2,513 | 14.8% | 164 | 157 | 2,574 | 2,186 | 87 | 103 | 60 | 68 |
| Oregon | 572 | 676 | -15.3% | 77 | 107 | 444 | 522 | NM | 2 | 49 | 45 |
| Washington | 699 | 845 | -17.3% | 343 | 376 | 242 | 356 | NM | 1 | 113 | 112 |
| Pacific Noncontiguous | 119 | 107 | 11.3% | 17 | 10 | 70 | 65 | 21 | 20 | 12 | 12 |
| Alaska | 17 | 15 | 18.4% | NM | 7 | NM | 3 | 4 | 4 | NM | 1 |
| Hawaii | 102 | 92 | 10.2% | 8 | 3 | 66 | 62 | 16 | 16 | 11 | 11 |
| U.S. Total | 22,708 | 21,626 | 5.0% | 2,764 | 2,907 | 17,122 | 15,919 | 253 | 259 | 2,569 | 2,541 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

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

## by State, by Sector, Year-to-Date through December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 10,292 | 9,487 | 8.5% | 887 | 869 | 7,385 | 6,282 | 214 | 175 | 1,807 | 2,160 |
| Connecticut | 802 | 652 | 23.0% | 0 | 0 | 770 | 626 | 33 | 26 | 0 | 0 |
| Maine | 4,638 | 4,893 | -5.2% | 0 | 0 | 2,726 | 2,642 | 105 | 91 | 1,807 | 2,160 |
| Massachusetts | 1,830 | 1,448 | 26.3% | 77 | 66 | 1,719 | 1,366 | 33 | 16 | 0 | 0 |
| New Hampshire | 1,995 | 1,695 | 17.7% | 335 | 359 | 1,621 | 1,297 | 39 | 40 | 0 | 0 |
| Rhode Island | 231 | 53 | 339.0% | 0 | 0 | 231 | 53 | 0 | 0 | 0 | 0 |
| Vermont | 796 | 745 | 6.9% | 475 | 444 | 318 | 298 | NM | 2 | 0 | 0 |
| Middle Atlantic | 14,293 | 13,089 | 9.2% | 51 | 215 | 12,701 | 11,522 | 635 | 569 | 906 | 783 |
| New Jersey | 1,712 | 1,447 | 18.3% | 51 | 41 | 1,365 | 1,164 | 294 | 241 | NM | 1 |
| New York | 6,483 | 5,888 | 10.1% | 0 | 175 | 5,993 | 5,254 | 226 | 209 | 264 | 251 |
| Pennsylvania | 6,098 | 5,754 | 6.0% | 0 | 0 | 5,343 | 5,104 | 115 | 119 | 640 | 531 |
| East North Central | 26,806 | 24,889 | 7.7% | 2,609 | 2,795 | 22,171 | 20,072 | 233 | 191 | 1,793 | 1,830 |
| Illinois | 10,798 | 10,285 | 5.0% | 12 | 4 | 10,786 | 10,282 | NM | 0 | 0 | 0 |
| Indiana | 4,033 | 3,888 | 3.7% | 322 | 315 | 3,647 | 3,511 | 20 | 21 | 44 | 41 |
| Michigan | 6,692 | 5,514 | 21.4% | 933 | 1,190 | 4,781 | 3,357 | 193 | 146 | 785 | 822 |
| Ohio | 2,016 | 2,009 | 0.3% | 35 | 28 | 1,606 | 1,619 | NM | 3 | 371 | 359 |
| Wisconsin | 3,268 | 3,192 | 2.4% | 1,308 | 1,259 | 1,351 | 1,303 | 15 | 22 | 594 | 608 |
| West North Central | 51,448 | 46,412 | 10.9% | 15,273 | 14,287 | 35,463 | 31,481 | 128 | 101 | 584 | 543 |
| Iowa | 16,454 | 15,727 | 4.6% | 9,055 | 8,600 | 7,348 | 7,075 | 30 | 31 | 20 | 21 |
| Kansas | 10,902 | 9,491 | 14.9% | 902 | 917 | 10,000 | 8,574 | 0 | 0 | 0 | 0 |
| Minnesota | 10,768 | 9,871 | 9.1% | 2,337 | 2,143 | 7,834 | 7,170 | 48 | 45 | 548 | 513 |
| Missouri | 1,245 | 1,241 | 0.3% | 41 | 41 | 1,166 | 1,189 | 32 | 8 | NM | 3 |
| Nebraska | 2,804 | 1,869 | 50.0% | 279 | 268 | 2,507 | 1,583 | 18 | 18 | 0 | 0 |
| North Dakota | 6,359 | 5,524 | 15.1% | 1,970 | 1,707 | 4,379 | 3,812 | 0 | 0 | 10 | 5 |
| South Dakota | 2,916 | 2,688 | 8.5% | 687 | 610 | 2,229 | 2,078 | 0 | 0 | 0 | 0 |
| South Atlantic | 21,466 | 19,023 | 12.8% | 1,914 | 1,393 | 9,076 | 7,348 | 501 | 445 | 9,976 | 9,837 |
| Delaware | 122 | 107 | 14.5% | 10 | 2 | 108 | 100 | NM | 4 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 5,206 | 4,659 | 11.7% | 287 | 262 | 2,786 | 2,221 | 36 | 34 | 2,096 | 2,141 |
| Georgia | 4,310 | 3,839 | 12.3% | 0 | 0 | 739 | 512 | 28 | 26 | 3,543 | 3,301 |
| Maryland | 1,024 | 941 | 8.8% | 10 | 9 | 833 | 773 | 43 | 33 | 138 | 126 |
| North Carolina | 3,383 | 2,955 | 14.5% | 8 | 7 | 2,091 | 1,512 | 160 | 118 | 1,125 | 1,318 |
| South Carolina | 2,231 | 2,226 | 0.2% | 466 | 439 | 104 | 86 | 0 | 0 | 1,661 | 1,702 |
| Virginia | 3,735 | 2,906 | 28.5% | 1,133 | 674 | 960 | 753 | 229 | 230 | 1,412 | 1,249 |
| West Virginia | 1,455 | 1,391 | 4.7% | 0 | 0 | 1,455 | 1,391 | 0 | 0 | 0 | 0 |
| East South Central | 6,353 | 5,761 | 10.3% | 101 | 99 | 382 | 355 | NM | 2 | 5,868 | 5,305 |
| Alabama | 3,295 | 2,876 | 14.6% | 0 | 0 | 211 | 199 | 0 | 0 | 3,084 | 2,677 |
| Kentucky | 461 | 327 | 41.1% | 100 | 98 | 0 | 0 | 0 | 0 | 361 | 228 |
| Mississippi | 1,494 | 1,448 | 3.2% | 1 | 0 | 12 | 12 | 0 | 0 | 1,481 | 1,436 |
| Tennessee | 1,104 | 1,110 | -0.6% | 0 | 0 | 158 | 144 | NM | 2 | 943 | 964 |
| West South Central | 58,051 | 53,653 | 8.2% | 1,924 | 1,951 | 50,621 | 46,107 | 64 | 42 | 5,442 | 5,553 |
| Arkansas | 1,607 | 1,601 | 0.4% | 0 | 0 | 116 | 100 | 5 | 5 | 1,486 | 1,496 |
| Louisiana | 2,711 | 2,787 | -2.7% | 0 | 0 | 76 | 73 | 0 | 0 | 2,635 | 2,714 |
| Oklahoma | 12,185 | 11,506 | 5.9% | 1,609 | 1,630 | 10,253 | 9,550 | 0 | 0 | 323 | 326 |
| Texas | 41,548 | 37,760 | 10.0% | 315 | 321 | 40,177 | 36,385 | 59 | 37 | 998 | 1,017 |
| Mountain | 29,781 | 26,836 | 11.0% | 3,315 | 3,208 | 26,004 | 23,146 | 86 | 74 | 376 | 408 |
| Arizona | 3,813 | 2,733 | 39.5% | 435 | 302 | 3,357 | 2,411 | 21 | 20 | 0 | 0 |
| Colorado | 7,706 | 7,536 | 2.3% | 183 | 172 | 7,493 | 7,342 | 27 | 19 | NM | 3 |
| Idaho | 3,416 | 3,152 | 8.4% | 176 | 144 | 2,871 | 2,610 | 0 | 0 | 370 | 398 |
| Montana | 1,966 | 1,760 | 11.7% | 233 | 237 | 1,733 | 1,517 | 0 | 0 | 0 | 5 |
| Nevada | 4,358 | 3,690 | 18.1% | 0 | 0 | 4,321 | 3,656 | 34 | 32 | 3 | 3 |
| New Mexico | 2,842 | 2,600 | 9.3% | 98 | 57 | 2,740 | 2,540 | NM | 3 | 0 | 0 |
| Utah | 1,260 | 932 | 35.3% | 275 | 251 | 985 | 681 | 0 | 0 | 0 | 0 |
| Wyoming | 4,420 | 4,433 | -0.3% | 1,916 | 2,045 | 2,504 | 2,389 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 61,127 | 53,034 | 15.3% | 8,132 | 7,472 | 49,264 | 41,888 | 1,115 | 1,128 | 2,615 | 2,546 |
| California | 43,223 | 35,578 | 21.5% | 2,740 | 2,214 | 38,657 | 31,514 | 1,087 | 1,100 | 740 | 750 |
| Oregon | 8,875 | 8,635 | 2.8% | 1,427 | 1,467 | 6,822 | 6,603 | 21 | 22 | 605 | 543 |
| Washington | 9,029 | 8,822 | 2.3% | 3,965 | 3,792 | 3,785 | 3,771 | 7 | 7 | 1,271 | 1,253 |
| Pacific Noncontiguous | 1,442 | 1,324 | 8.9% | 153 | 127 | 925 | 844 | 239 | 228 | 125 | 125 |
| Alaska | 206 | 197 | 4.5% | 105 | 99 | 49 | 46 | 45 | 46 | 7 | 6 |
| Hawaii | 1,236 | 1,127 | 9.6% | 48 | 29 | 876 | 798 | 194 | 183 | 118 | 118 |
| U.S. Total | 281,060 | 253,508 | 10.9% | 34,359 | 32,417 | 213,991 | 189,045 | 3,218 | 2,956 | 29,492 | 29,091 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

## Table 1.15.A. Net Generation from Hydroelectric (Pumped Storage) Power by State, by Sector, December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | -34 | -48 | -29.7% | 0 | 0 | -34 | -48 | 0 | 0 | 0 | 0 |
| Connecticut | 3 | 1 | 225.6% | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 |
| Maine | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Massachusetts | -37 | -49 | -24.4% | 0 | 0 | -37 | -49 | 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 | -86 | -104 | -17.4% | -49 | -58 | -37 | -47 | 0 | 0 | 0 | 0 |
| New Jersey | -16 | -14 | 19.0% | -16 | -14 | 0 | 0 | 0 | 0 | 0 | 0 |
| New York | -33 | -44 | -25.3% | -33 | -44 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pennsylvania | -37 | -47 | -20.6% | 0 | 0 | -37 | -47 | 0 | 0 | 0 | 0 |
| East North Central | -43 | -69 | -38.0% | -43 | -69 | 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 | -43 | -69 | -38.0% | -43 | -69 | 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 | 9 | -7 | -230.6% | 9 | -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 | 9 | -7 | -230.6% | 9 | -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 | -186 | -158 | 17.5% | -186 | -158 | 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 | -83 | -5 | NM | -83 | -5 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Carolina | 19 | 0 | -- | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Carolina | -59 | -66 | -10.0% | -59 | -66 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | -63 | -87 | -28.1% | -63 | -87 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | -37 | -15 | 151.5% | -37 | -15 | 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 | -37 | -15 | 151.5% | -37 | -15 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | -4 | 8 | -143.0% | -4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arkansas | 1 | 0 | 186.1% | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | -5 | 8 | -156.2% | -5 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mountain | -31 | -25 | 21.3% | -31 | -25 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arizona | -7 | -11 | -35.9% | -7 | -11 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | -24 | -15 | 62.5% | -24 | -15 | 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 | -69 | -3 | NM | -69 | -3 | 0 | 0 | 0 | 0 | 0 | 0 |
| California | -69 | -2 | NM | -69 | -2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 0 | 0 | -112.1% | 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 | -480 | -421 | 14.1% | -409 | -326 | -71 | -95 | 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 for 2014 are preliminary. Values for 2013 are final. 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 December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | -451 | -369 | 22.3% | 0 | 0 | -451 | -369 | 0 | 0 | 0 | 0 |
| Connecticut | 7 | -1 | -745.3% | 0 | 0 | 7 | -1 | 0 | 0 | 0 | 0 |
| Maine | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Massachusetts | -458 | -368 | 24.5% | 0 | 0 | -458 | -368 | 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 | -1,307 | -1,184 | 10.4% | -728 | -645 | -579 | -539 | 0 | 0 | 0 | 0 |
| New Jersey | -237 | -202 | 17.2% | -237 | -202 | 0 | 0 | 0 | 0 | 0 | 0 |
| New York | -491 | -443 | 10.9% | -491 | -443 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pennsylvania | -579 | -539 | 7.4% | 0 | 0 | -579 | -539 | 0 | 0 | 0 | 0 |
| East North Central | -701 | -871 | -19.5% | -701 | -871 | 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 | -701 | -871 | -19.5% | -701 | -871 | 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 | 19 | 296 | -93.6% | 19 | 296 | 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 | 19 | 296 | -93.6% | 19 | 296 | 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 | -2,882 | -2,411 | 19.5% | -2,882 | -2,411 | 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 | -781 | -427 | 82.7% | -781 | -427 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Carolina | 78 | 0 | -- | 78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Carolina | -884 | -795 | 11.3% | -884 | -795 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | -1,295 | -1,189 | 8.9% | -1,295 | -1,189 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | -491 | -42 | NM | -491 | -42 | 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 | -491 | -42 | NM | -491 | -42 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | -39 | -48 | -18.7% | -39 | -48 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arkansas | 67 | 31 | 117.6% | 67 | 31 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | -106 | -78 | 34.8% | -106 | -78 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mountain | -211 | -256 | -17.5% | -211 | -256 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arizona | 14 | 24 | -42.8% | 14 | 24 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | -225 | -280 | -19.7% | -225 | -280 | 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 | -145 | 203 | -171.1% | -145 | 203 | 0 | 0 | 0 | 0 | 0 | 0 |
| California | -140 | 196 | -171.3% | -140 | 196 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | -5 | 7 | -166.1% | -5 | 7 | 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 | -6,209 | -4,681 | 32.6% | -5,179 | -3,773 | -1,030 | -908 | 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 for 2014 are preliminary. Values for 2013 are final. 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, December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 171 | 163 | 4.4% | 0 | 0 | 149 | 143 | 10 | 9 | 11 | 11 |
| Connecticut | 53 | 49 | 7.0% | 0 | 0 | 51 | 48 | NM | 2 | 0 | 0 |
| Maine | 37 | 33 | 13.4% | 0 | 0 | 18 | 14 | 8 | 8 | 11 | 11 |
| Massachusetts | 75 | 76 | -2.4% | 0 | 0 | 75 | 76 | 0 | 0 | 0 | 0 |
| New Hampshire | 6 | 5 | 22.9% | 0 | 0 | 6 | 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 | 208 | 213 | -2.0% | 0 | 1 | 168 | 165 | 40 | 38 | 0 | 9 |
| New Jersey | 49 | 58 | -14.9% | 0 | 0 | 36 | 36 | 13 | 13 | 0 | 9 |
| New York | 81 | 74 | 9.5% | 0 | 1 | 64 | 58 | 18 | 15 | 0 | 0 |
| Pennsylvania | 78 | 80 | -3.4% | 0 | 0 | 69 | 71 | 9 | 9 | 0 | 0 |
| East North Central | 98 | 90 | 9.6% | 10 | 15 | 14 | 11 | 16 | 12 | 59 | 51 |
| Illinois | 23 | 29 | -20.6% | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 29 |
| Indiana | 39 | 31 | 26.6% | 8 | 11 | 0 | 0 | NM | 1 | 30 | 18 |
| Michigan | 31 | 27 | 13.4% | NM | 2 | 14 | 12 | 14 | 11 | 2 | 2 |
| Ohio | 1 | 0 | 451.8% | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Wisconsin | 5 | 3 | 62.8% | 2 | 1 | 0 | 0 | 0 | 0 | NM | 2 |
| West North Central | 33 | 36 | -6.9% | 18 | 18 | 9 | 11 | NM | 2 | NM | 5 |
| Iowa | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 29 | 30 | -5.4% | 13 | 13 | 9 | 11 | NM | 2 | NM | 5 |
| Missouri | 1 | 2 | -30.5% | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | NM | 3 | NM | NM | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 325 | 364 | -10.8% | 0 | 0 | 177 | 189 | 17 | 18 | 131 | 158 |
| 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 | 231 | 237 | -2.7% | 0 | 0 | 106 | 121 | 0 | 0 | 125 | 116 |
| Georgia | NM | 6 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 6 |
| Maryland | 25 | 21 | 19.9% | 0 | 0 | 25 | 21 | NM | 0 | 0 | 0 |
| North Carolina | 20 | 54 | -63.7% | 0 | 0 | 20 | 22 | 0 | 0 | 0 | 32 |
| South Carolina | 6 | 3 | 85.4% | 0 | 0 | NM | 0 | 0 | 0 | 6 | 3 |
| Virginia | 43 | 42 | 2.3% | 0 | 0 | 26 | 24 | 17 | 17 | 0 | 0 |
| West Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 16 | 1 | NM | 13 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| Alabama | 0 | 0 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 13 | 0 | NM | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | NM | 1 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 1 |
| Tennessee | 2 | 0 | NM | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| West South Central | 110 | 98 | 12.5% | 0 | 0 | NM | 0 | 0 | 0 | 109 | 98 |
| Arkansas | 1 | 1 | 9.3% | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Louisiana | 49 | 69 | -29.8% | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 69 |
| Oklahoma | NM | 0 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 0 |
| Texas | 59 | 27 | 116.3% | 0 | 0 | NM | 0 | 0 | 0 | 58 | 27 |
| Mountain | 35 | 54 | -35.0% | NM | 3 | 30 | 26 | 0 | 0 | NM | 25 |
| Arizona | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | NM | 3 | NM | 0 | 0 | NM | 1 | 0 | 0 | NM | 3 |
| Idaho | 0 | 6 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Montana | 29 | 25 | 14.3% | 0 | 0 | 29 | 25 | 0 | 0 | 0 | 0 |
| Nevada | NM | 3 | NM | NM | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | -64.8% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | NM | 10 | NM | 0 | 0 | NM | 0 | 0 | 0 | 0 | 10 |
| Wyoming | 0 | 7 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| Pacific Contiguous | 90 | 88 | 2.3% | 0 | 0 | 28 | 28 | 0 | 0 | 62 | 60 |
| California | 72 | 75 | -3.4% | 0 | 0 | 18 | 19 | 0 | 0 | 54 | 56 |
| Oregon | NM | 4 | NM | 0 | 0 | NM | 4 | 0 | 0 | 0 | 0 |
| Washington | 14 | 9 | 58.8% | 0 | 0 | 6 | 5 | 0 | 0 | 8 | 4 |
| Pacific Noncontiguous | 17 | 34 | -50.9% | 0 | 18 | 1 | 1 | 16 | 16 | 0 | 0 |
| Alaska | 0 | 0 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 17 | 34 | -50.9% | 0 | 18 | 1 | 1 | 16 | 16 | 0 | 0 |
| U.S. Total | 1,103 | 1,141 | -3.3% | 43 | 55 | 576 | 574 | 101 | 95 | 382 | 417 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

## Table 1.16.B. Net Generation from Other Energy Sources

## by State, by Sector, Year-to-Date through December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 1,996 | 2,049 | -2.6% | 0 | 0 | 1,746 | 1,820 | 128 | 110 | 123 | 119 |
| Connecticut | 626 | 711 | -12.1% | 0 | 0 | 597 | 688 | 28 | 23 | 0 | 0 |
| Maine | 411 | 401 | 2.5% | 0 | 0 | 188 | 195 | 100 | 86 | 123 | 119 |
| Massachusetts | 895 | 876 | 2.2% | 0 | 0 | 895 | 876 | 0 | 0 | 0 | 0 |
| New Hampshire | 64 | 61 | 5.7% | 0 | 0 | 64 | 61 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 2,384 | 2,349 | 1.5% | 0 | 7 | 1,928 | 1,809 | 456 | 440 | 0 | 93 |
| New Jersey | 549 | 625 | -12.2% | 0 | 0 | 406 | 386 | 143 | 146 | 0 | 93 |
| New York | 991 | 884 | 12.1% | 0 | 7 | 777 | 686 | 214 | 191 | 0 | 0 |
| Pennsylvania | 844 | 841 | 0.5% | 0 | 0 | 745 | 737 | 99 | 103 | 0 | 0 |
| East North Central | 1,184 | 1,113 | 6.4% | 134 | 140 | 154 | 137 | 206 | 154 | 690 | 681 |
| Illinois | 275 | 285 | -3.4% | 0 | 0 | 0 | 0 | 0 | 0 | 275 | 285 |
| Indiana | 447 | 442 | 1.1% | 86 | 96 | 0 | 0 | 19 | 19 | 342 | 327 |
| Michigan | 401 | 312 | 28.4% | 21 | 14 | 154 | 139 | 186 | 135 | 39 | 24 |
| Ohio | 7 | 8 | -3.2% | 0 | 0 | 0 | -2 | 0 | 0 | 7 | 10 |
| Wisconsin | 53 | 66 | -19.3% | 27 | 30 | 0 | 0 | 0 | 0 | 27 | 36 |
| West North Central | 426 | 415 | 2.7% | 235 | 230 | 112 | 103 | 25 | 28 | 55 | 55 |
| Iowa | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 364 | 361 | 1.0% | 173 | 176 | 112 | 103 | 25 | 28 | 55 | 55 |
| Missouri | 26 | 16 | 61.3% | 26 | 16 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 36 | 38 | -5.4% | 36 | 38 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 3,960 | 4,580 | -13.5% | 0 | 0 | 2,178 | 2,194 | 211 | 210 | 1,571 | 2,175 |
| 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 | 2,807 | 3,086 | -9.1% | 0 | 0 | 1,341 | 1,393 | 0 | 0 | 1,466 | 1,693 |
| Georgia | 64 | 88 | -27.7% | 0 | 0 | 0 | 0 | 0 | 0 | 64 | 88 |
| Maryland | 313 | 303 | 3.5% | 0 | 0 | 313 | 302 | NM | 0 | 0 | 0 |
| North Carolina | 230 | 567 | -59.4% | 0 | 0 | 230 | 229 | 0 | 0 | 0 | 338 |
| South Carolina | 48 | 62 | -21.9% | 0 | 0 | 7 | 5 | 0 | 0 | 41 | 57 |
| Virginia | 498 | 475 | 4.8% | 0 | 0 | 287 | 265 | 211 | 210 | 0 | 0 |
| West Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 68 | 18 | 284.9% | 50 | 9 | 0 | 0 | 0 | 0 | 18 | 9 |
| Alabama | 0 | 3 | -95.2% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Kentucky | 50 | 9 | 481.7% | 50 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | NM | 5 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 5 |
| Tennessee | 14 | 1 | NM | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 1 |
| West South Central | 889 | 974 | -8.7% | 0 | 0 | 6 | -1 | 0 | 0 | 884 | 975 |
| Arkansas | 13 | 21 | -36.4% | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21 |
| Louisiana | 427 | 679 | -37.2% | 0 | 0 | 0 | 0 | 0 | 0 | 427 | 679 |
| Oklahoma | 10 | 2 | 407.4% | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 2 |
| Texas | 440 | 272 | 61.5% | 0 | 0 | 6 | -1 | 0 | 0 | 434 | 273 |
| Mountain | 457 | 715 | -36.1% | 26 | 26 | 280 | 348 | 0 | 0 | 151 | 341 |
| Arizona | 0 | 3 | -100.0% | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Colorado | 48 | 46 | 3.1% | 0 | 0 | 11 | 8 | 0 | 0 | 37 | 38 |
| Idaho | 0 | 77 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 |
| Montana | 265 | 332 | -20.3% | 0 | 0 | 265 | 332 | 0 | 0 | 0 | 0 |
| Nevada | 24 | 25 | -3.8% | 24 | 25 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | NM | 1 | NM | NM | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 119 | 161 | -26.1% | 0 | 0 | NM | 5 | 0 | 0 | 114 | 156 |
| Wyoming | 0 | 69 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69 |
| Pacific Contiguous | 990 | 980 | 1.0% | 0 | -1 | 330 | 317 | 0 | 0 | 660 | 664 |
| California | 812 | 816 | -0.5% | 0 | -1 | 218 | 215 | 0 | 0 | 594 | 602 |
| Oregon | 37 | 35 | 6.4% | 0 | 0 | 37 | 35 | 0 | 0 | 0 | 0 |
| Washington | 141 | 129 | 9.0% | 0 | 0 | 74 | 67 | 0 | 0 | 66 | 62 |
| Pacific Noncontiguous | 222 | 394 | -43.7% | 27 | 205 | 8 | 13 | 187 | 175 | 0 | 0 |
| Alaska | 27 | 0 | NM | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 194 | 394 | -50.7% | 0 | 205 | 8 | 13 | 187 | 175 | 0 | 0 |
| U.S. Total | 12,576 | 13,588 | -7.4% | 472 | 615 | 6,740 | 6,742 | 1,212 | 1,118 | 4,152 | 5,113 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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, December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 168 | 171 | -1.8% | 20 | 18 | 146 | 150 | NM | 3 | 0 | 0 |
| Connecticut | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maine | 92 | 97 | -5.3% | 0 | 0 | 92 | 97 | 0 | 0 | 0 | 0 |
| Massachusetts | 17 | 25 | -30.0% | NM | 7 | 10 | 15 | NM | 3 | 0 | 0 |
| New Hampshire | 34 | 28 | 22.8% | 0 | 0 | 34 | 28 | 0 | 0 | 0 | 0 |
| Rhode Island | NM | 0 | NM | 0 | 0 | NM | 0 | 0 | 0 | 0 | 0 |
| Vermont | 24 | 21 | 13.6% | 15 | 11 | 9 | 10 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 705 | 704 | 0.1% | 0 | 0 | 705 | 704 | 0 | 0 | NM | 0 |
| New Jersey | NM | 1 | NM | 0 | 0 | NM | 1 | 0 | 0 | 0 | 0 |
| New York | 331 | 350 | -5.3% | 0 | 0 | 331 | 349 | 0 | 0 | NM | 0 |
| Pennsylvania | 373 | 353 | 5.5% | 0 | 0 | 373 | 353 | 0 | 0 | 0 | 0 |
| East North Central | 1,824 | 1,886 | -3.3% | 165 | 198 | 1,656 | 1,683 | NM | 0 | NM | 4 |
| Illinois | 828 | 929 | -10.9% | NM | 0 | 827 | 929 | 0 | 0 | 0 | 0 |
| Indiana | 366 | 405 | -9.7% | 0 | 0 | 366 | 405 | NM | 0 | 0 | 0 |
| Michigan | 407 | 279 | 46.1% | 86 | 106 | 321 | 173 | 0 | 0 | 0 | 0 |
| Ohio | 102 | 137 | -25.6% | NM | 2 | 98 | 131 | 0 | 0 | NM | 4 |
| Wisconsin | 121 | 136 | -11.2% | 77 | 90 | 44 | 46 | 0 | 0 | 0 | 0 |
| West North Central | 4,085 | 3,741 | 9.2% | 1,222 | 1,161 | 2,861 | 2,578 | NM | 3 | 0 | 0 |
| Iowa | 1,435 | 1,283 | 11.9% | 797 | 684 | 638 | 598 | NM | 0 | 0 | 0 |
| Kansas | 830 | 724 | 14.5% | 69 | 69 | 761 | 655 | 0 | 0 | 0 | 0 |
| Minnesota | 787 | 678 | 16.0% | 158 | 152 | 626 | 524 | NM | 2 | 0 | 0 |
| Missouri | 78 | 91 | -14.4% | 0 | 0 | 78 | 91 | 0 | 0 | 0 | 0 |
| Nebraska | 292 | 179 | 62.6% | 22 | 19 | 270 | 160 | 0 | 0 | 0 | 0 |
| North Dakota | 424 | 559 | -24.1% | 118 | 178 | 306 | 381 | 0 | 0 | 0 | 0 |
| South Dakota | 239 | 227 | 5.4% | 58 | 59 | 181 | 168 | 0 | 0 | 0 | 0 |
| South Atlantic | 196 | 188 | 4.2% | 0 | 0 | 195 | 187 | NM | 0 | 0 | 0 |
| Delaware | NM | 0 | NM | 0 | 0 | 0 | 0 | NM | 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 | 47 | 35 | 33.3% | 0 | 0 | 47 | 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 | 149 | 152 | -2.4% | 0 | 0 | 149 | 152 | 0 | 0 | 0 | 0 |
| East South Central | 4 | 6 | -22.0% | 0 | 0 | 4 | 6 | 0 | 0 | 0 | 0 |
| Alabama | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 4 | 6 | -22.0% | 0 | 0 | 4 | 6 | 0 | 0 | 0 | 0 |
| West South Central | 4,197 | 3,512 | 19.5% | 128 | 150 | 4,067 | 3,362 | NM | 0 | 0 | 0 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 978 | 835 | 17.1% | 106 | 125 | 872 | 710 | 0 | 0 | 0 | 0 |
| Texas | 3,220 | 2,677 | 20.3% | 22 | 24 | 3,195 | 2,652 | NM | 0 | 0 | 0 |
| Mountain | 1,808 | 2,016 | -10.3% | 249 | 338 | 1,557 | 1,677 | NM | 1 | NM | 0 |
| Arizona | 30 | 35 | -15.6% | 0 | 0 | 30 | 35 | 0 | 0 | 0 | 0 |
| Colorado | 654 | 706 | -7.3% | 14 | 19 | 639 | 686 | NM | 1 | NM | 0 |
| Idaho | 222 | 165 | 34.1% | 15 | 13 | 207 | 153 | 0 | 0 | 0 | 0 |
| Montana | 203 | 259 | -21.9% | 20 | 31 | 182 | 229 | 0 | 0 | 0 | 0 |
| Nevada | 36 | 14 | 157.8% | 0 | 0 | 36 | 14 | 0 | 0 | 0 | 0 |
| New Mexico | 182 | 200 | -8.9% | 0 | 0 | 182 | 200 | NM | 0 | 0 | 0 |
| Utah | 52 | 28 | 84.0% | 0 | 0 | 52 | 28 | 0 | 0 | 0 | 0 |
| Wyoming | 430 | 608 | -29.3% | 200 | 276 | 229 | 332 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 1,650 | 1,699 | -2.9% | 435 | 452 | 1,215 | 1,247 | NM | 0 | NM | 0 |
| California | 656 | 460 | 42.6% | 65 | 24 | 591 | 436 | NM | 0 | NM | 0 |
| Oregon | 462 | 561 | -17.7% | 72 | 100 | 390 | 462 | 0 | 0 | 0 | 0 |
| Washington | 532 | 677 | -21.4% | 298 | 328 | 234 | 349 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 57 | 44 | 30.5% | NM | 7 | 49 | 37 | 0 | 0 | 0 | 0 |
| Alaska | 12 | 10 | 26.4% | NM | 7 | NM | 3 | 0 | 0 | 0 | 0 |
| Hawaii | 45 | 34 | 31.7% | 0 | 0 | 45 | 34 | 0 | 0 | 0 | 0 |
| U.S. Total | 14,696 | 13,967 | 5.2% | 2,228 | 2,324 | 12,455 | 11,631 | NM | 7 | NM | 5 |

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values for 2014 are preliminary. Values for 2013 are final. 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 December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 2,049 | 1,880 | 9.0% | 254 | 189 | 1,763 | 1,676 | 32 | 15 | 0 | 0 |
| Connecticut | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maine | 1,095 | 1,048 | 4.6% | 0 | 0 | 1,095 | 1,048 | 0 | 0 | 0 | 0 |
| Massachusetts | 224 | 205 | 9.3% | 64 | 62 | 128 | 128 | 32 | 15 | 0 | 0 |
| New Hampshire | 417 | 389 | 7.1% | 0 | 0 | 417 | 389 | 0 | 0 | 0 | 0 |
| Rhode Island | NM | 3 | NM | 0 | 0 | NM | 3 | 0 | 0 | 0 | 0 |
| Vermont | 306 | 236 | 29.5% | 190 | 127 | 116 | 109 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 7,566 | 6,902 | 9.6% | 0 | 0 | 7,562 | 6,899 | 0 | 0 | NM | 4 |
| New Jersey | 12 | 11 | 9.4% | 0 | 0 | 12 | 11 | 0 | 0 | 0 | 0 |
| New York | 3,971 | 3,539 | 12.2% | 0 | 0 | 3,967 | 3,536 | 0 | 0 | NM | 4 |
| Pennsylvania | 3,584 | 3,352 | 6.9% | 0 | 0 | 3,584 | 3,352 | 0 | 0 | 0 | 0 |
| East North Central | 20,209 | 18,610 | 8.6% | 1,986 | 2,205 | 18,189 | 16,374 | NM | 1 | 32 | 29 |
| Illinois | 10,077 | 9,625 | 4.7% | 12 | 4 | 10,065 | 9,622 | 0 | 0 | 0 | 0 |
| Indiana | 3,495 | 3,481 | 0.4% | 0 | 0 | 3,494 | 3,480 | NM | 1 | 0 | 0 |
| Michigan | 3,875 | 2,800 | 38.4% | 933 | 1,190 | 2,942 | 1,609 | 0 | 0 | 0 | 0 |
| Ohio | 1,152 | 1,146 | 0.6% | 15 | 14 | 1,105 | 1,102 | 0 | 0 | 32 | 29 |
| Wisconsin | 1,609 | 1,558 | 3.3% | 1,026 | 997 | 583 | 561 | 0 | 0 | 0 | 0 |
| West North Central | 49,332 | 44,436 | 11.0% | 14,757 | 13,791 | 34,542 | 30,614 | 32 | 31 | 0 | 0 |
| Iowa | 16,295 | 15,568 | 4.7% | 9,030 | 8,576 | 7,262 | 6,989 | NM | 4 | 0 | 0 |
| Kansas | 10,844 | 9,433 | 15.0% | 902 | 917 | 9,942 | 8,516 | 0 | 0 | 0 | 0 |
| Minnesota | 9,060 | 8,259 | 9.7% | 1,939 | 1,762 | 7,093 | 6,469 | 29 | 28 | 0 | 0 |
| Missouri | 1,131 | 1,167 | -3.1% | 0 | 0 | 1,131 | 1,167 | 0 | 0 | 0 | 0 |
| Nebraska | 2,736 | 1,802 | 51.9% | 229 | 219 | 2,507 | 1,583 | 0 | 0 | 0 | 0 |
| North Dakota | 6,349 | 5,519 | 15.0% | 1,970 | 1,707 | 4,379 | 3,812 | 0 | 0 | 0 | 0 |
| South Dakota | 2,916 | 2,688 | 8.5% | 687 | 610 | 2,229 | 2,078 | 0 | 0 | 0 | 0 |
| South Atlantic | 1,780 | 1,713 | 3.9% | 0 | 0 | 1,775 | 1,708 | NM | 4 | 0 | 0 |
| Delaware | NM | 4 | NM | 0 | 0 | 0 | 0 | NM | 4 | 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 | 324 | 322 | 0.6% | 0 | 0 | 324 | 322 | 0 | 0 | 0 | 0 |
| North Carolina | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Carolina | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Virginia | 1,451 | 1,387 | 4.7% | 0 | 0 | 1,451 | 1,387 | 0 | 0 | 0 | 0 |
| East South Central | 51 | 47 | 9.4% | 0 | 0 | 51 | 47 | 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 | 51 | 47 | 9.4% | 0 | 0 | 51 | 47 | 0 | 0 | 0 | 0 |
| West South Central | 51,233 | 47,036 | 8.9% | 1,906 | 1,951 | 49,308 | 45,085 | 19 | 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 | 11,862 | 11,162 | 6.3% | 1,609 | 1,630 | 10,253 | 9,532 | 0 | 0 | 0 | 0 |
| Texas | 39,371 | 35,874 | 9.7% | 296 | 321 | 39,055 | 35,553 | 19 | 0 | 0 | 0 |
| Mountain | 20,214 | 19,285 | 4.8% | 2,493 | 2,585 | 17,703 | 16,689 | 14 | 8 | NM | 3 |
| Arizona | 472 | 450 | 5.0% | 0 | 0 | 472 | 450 | 0 | 0 | 0 | 0 |
| Colorado | 7,351 | 7,204 | 2.0% | 180 | 171 | 7,157 | 7,025 | NM | 5 | NM | 3 |
| Idaho | 2,778 | 2,460 | 12.9% | 164 | 133 | 2,613 | 2,328 | 0 | 0 | 0 | 0 |
| Montana | 1,966 | 1,755 | 12.0% | 233 | 237 | 1,733 | 1,517 | 0 | 0 | 0 | 0 |
| Nevada | 300 | 251 | 19.8% | 0 | 0 | 300 | 251 | 0 | 0 | 0 | 0 |
| New Mexico | 2,263 | 2,193 | 3.1% | 0 | 0 | 2,259 | 2,190 | NM | 3 | 0 | 0 |
| Utah | 665 | 540 | 23.2% | 0 | 0 | 665 | 540 | 0 | 0 | 0 | 0 |
| Wyoming | 4,420 | 4,433 | -0.3% | 1,916 | 2,045 | 2,504 | 2,389 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 28,620 | 27,282 | 4.9% | 6,173 | 5,615 | 22,441 | 21,664 | NM | 1 | NM | 2 |
| California | 13,776 | 12,822 | 7.4% | 1,237 | 892 | 12,533 | 11,928 | NM | 1 | NM | 2 |
| Oregon | 7,580 | 7,456 | 1.7% | 1,358 | 1,397 | 6,223 | 6,059 | 0 | 0 | 0 | 0 |
| Washington | 7,264 | 7,004 | 3.7% | 3,578 | 3,327 | 3,686 | 3,678 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 739 | 649 | 13.9% | 105 | 99 | 634 | 550 | 0 | 0 | 0 | 0 |
| Alaska | 154 | 145 | 5.7% | 105 | 99 | 49 | 46 | 0 | 0 | 0 | 0 |
| Hawaii | 585 | 503 | 16.3% | 0 | 0 | 585 | 503 | 0 | 0 | 0 | 0 |
| U.S. Total | 181,791 | 167,840 | 8.3% | 27,675 | 26,436 | 153,969 | 141,306 | 106 | 61 | 42 | 37 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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, December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 700 | 665 | 5.2% | 41 | 69 | 488 | 400 | 15 | 13 | 156 | 182 |
| Connecticut | 72 | 56 | 28.9% | 0 | 0 | 69 | 54 | NM | 2 | 0 | 0 |
| Maine | 335 | 333 | 0.9% | 0 | 0 | 170 | 142 | 9 | 8 | 156 | 182 |
| Massachusetts | 98 | 101 | -3.2% | 0 | 0 | 97 | 101 | NM | 0 | 0 | 0 |
| New Hampshire | 139 | 120 | 16.5% | 21 | 37 | 115 | 79 | 3 | 3 | 0 | 0 |
| Rhode Island | 20 | 9 | 126.4% | 0 | 0 | 20 | 9 | 0 | 0 | 0 | 0 |
| Vermont | 35 | 47 | -25.4% | 20 | 31 | NM | 15 | NM | 0 | 0 | 0 |
| Middle Atlantic | 514 | 522 | -1.6% | 0 | 24 | 388 | 373 | 44 | 43 | 81 | 83 |
| New Jersey | 89 | 91 | -2.4% | 0 | 0 | 74 | 76 | 15 | 15 | 0 | 0 |
| New York | 204 | 210 | -2.5% | 0 | 24 | 160 | 143 | 19 | 17 | 25 | 26 |
| Pennsylvania | 221 | 221 | -0.4% | 0 | 0 | 154 | 154 | 10 | 11 | 56 | 56 |
| East North Central | 546 | 508 | 7.5% | 43 | 42 | 312 | 310 | 18 | 15 | 174 | 141 |
| Illinois | 55 | 54 | 3.2% | 0 | 0 | 55 | 54 | 0 | 0 | 0 | 0 |
| Indiana | 32 | 31 | 3.3% | 27 | 26 | 0 | 0 | NM | 2 | 4 | 4 |
| Michigan | 240 | 227 | 5.6% | 0 | 0 | 154 | 149 | 15 | 12 | 72 | 66 |
| Ohio | 69 | 76 | -9.8% | NM | 1 | 38 | 46 | 0 | 0 | 30 | 29 |
| Wisconsin | 150 | 120 | 24.9% | 15 | 15 | 65 | 62 | NM | 1 | 68 | 42 |
| West North Central | 179 | 166 | 7.9% | 44 | 38 | 77 | 69 | 8 | 8 | 50 | 50 |
| Iowa | 13 | 16 | -17.7% | NM | 2 | 7 | 9 | NM | 3 | 1 | 2 |
| Kansas | 5 | 5 | -0.4% | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 |
| Minnesota | 146 | 132 | 10.8% | 34 | 29 | 64 | 55 | NM | 1 | 47 | 47 |
| Missouri | 8 | 7 | 5.4% | NM | 3 | NM | 2 | 2 | 3 | NM | 0 |
| Nebraska | 6 | 6 | 2.9% | NM | 4 | 0 | 0 | NM | 1 | 0 | 0 |
| North Dakota | NM | 0 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 0 |
| South Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 1,568 | 1,549 | 1.2% | 161 | 140 | 519 | 498 | 32 | 29 | 856 | 882 |
| Delaware | NM | 5 | NM | 0 | 0 | NM | 5 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 426 | 413 | 3.2% | 9 | 9 | 230 | 229 | 4 | 3 | 184 | 173 |
| Georgia | 376 | 354 | 6.2% | 0 | 0 | 54 | 54 | NM | 2 | 319 | 298 |
| Maryland | 46 | 43 | 7.9% | 0 | 0 | 33 | 28 | NM | 3 | 10 | 12 |
| North Carolina | 216 | 205 | 5.2% | 0 | 0 | 98 | 87 | 5 | 2 | 113 | 116 |
| South Carolina | 172 | 195 | -11.8% | 41 | 40 | NM | 9 | 0 | 0 | 122 | 146 |
| Virginia | 327 | 333 | -1.9% | 111 | 91 | 90 | 85 | 18 | 19 | 108 | 138 |
| West Virginia | NM | 0 | NM | 0 | 0 | NM | 0 | 0 | 0 | 0 | 0 |
| East South Central | 532 | 490 | 8.5% | 8 | 5 | 27 | 25 | 0 | 0 | 496 | 459 |
| Alabama | 289 | 232 | 24.4% | 0 | 0 | 20 | 16 | 0 | 0 | 269 | 215 |
| Kentucky | 39 | 40 | -2.4% | 8 | 5 | 0 | 0 | 0 | 0 | 31 | 35 |
| Mississippi | 116 | 120 | -3.2% | 0 | 0 | NM | 1 | 0 | 0 | 115 | 119 |
| Tennessee | 88 | 99 | -10.4% | 0 | 0 | 7 | 8 | 0 | 0 | 82 | 90 |
| West South Central | 573 | 552 | 3.8% | 10 | 0 | 73 | 81 | 4 | 4 | 485 | 468 |
| Arkansas | 151 | 126 | 19.5% | 0 | 0 | 10 | 9 | NM | 0 | 140 | 116 |
| Louisiana | 235 | 243 | -3.2% | 0 | 0 | 6 | 7 | 0 | 0 | 229 | 236 |
| Oklahoma | 28 | 29 | -2.6% | 0 | 0 | 0 | 2 | 0 | 0 | 28 | 27 |
| Texas | 159 | 154 | 3.3% | 10 | 0 | 57 | 62 | 3 | 3 | 88 | 89 |
| Mountain | 91 | 97 | -5.7% | NM | 4 | 55 | 59 | 0 | 0 | 33 | 34 |
| Arizona | 23 | 21 | 7.7% | NM | 2 | 20 | 19 | 0 | 0 | 0 | 0 |
| Colorado | 7 | 9 | -18.0% | 0 | 0 | 7 | 9 | 0 | 0 | 0 | 0 |
| Idaho | 52 | 55 | -5.7% | NM | 1 | 17 | 22 | 0 | 0 | 33 | 32 |
| Montana | 0 | 2 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Nevada | NM | 2 | NM | 0 | 0 | NM | 2 | 0 | 0 | 0 | 0 |
| New Mexico | NM | 2 | NM | 0 | 0 | NM | 2 | 0 | 0 | 0 | 0 |
| Utah | 6 | 6 | -7.9% | 0 | 0 | 6 | 6 | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 843 | 859 | -1.9% | 61 | 72 | 475 | 468 | 85 | 96 | 222 | 224 |
| California | 587 | 599 | -2.1% | 11 | 17 | 433 | 421 | 82 | 94 | 60 | 67 |
| Oregon | 90 | 92 | -3.0% | 5 | 7 | 34 | 39 | NM | 2 | 49 | 45 |
| Washington | 167 | 168 | -0.5% | 45 | 48 | 8 | 7 | NM | 1 | 113 | 112 |
| Pacific Noncontiguous | 39 | 35 | 11.4% | 7 | 3 | 0 | 0 | 21 | 20 | 12 | 12 |
| Alaska | 5 | 5 | 2.0% | 0 | 0 | 0 | 0 | 4 | 4 | NM | 1 |
| Hawaii | 34 | 30 | 12.9% | 7 | 3 | 0 | 0 | 16 | 16 | 11 | 11 |
| U.S. Total | 5,585 | 5,443 | 2.6% | 379 | 396 | 2,414 | 2,284 | 226 | 229 | 2,565 | 2,535 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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 December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 7,767 | 7,480 | 3.8% | 620 | 676 | 5,159 | 4,485 | 181 | 160 | 1,807 | 2,160 |
| Connecticut | 790 | 652 | 21.2% | 0 | 0 | 758 | 626 | 33 | 26 | 0 | 0 |
| Maine | 3,543 | 3,846 | -7.9% | 0 | 0 | 1,630 | 1,595 | 105 | 91 | 1,807 | 2,160 |
| Massachusetts | 1,187 | 1,137 | 4.4% | 0 | 0 | 1,186 | 1,137 | NM | 1 | 0 | 0 |
| New Hampshire | 1,578 | 1,306 | 20.8% | 335 | 359 | 1,204 | 907 | 39 | 40 | 0 | 0 |
| Rhode Island | 208 | 48 | 332.1% | 0 | 0 | 208 | 48 | 0 | 0 | 0 | 0 |
| Vermont | 461 | 491 | -6.2% | 285 | 317 | 173 | 172 | NM | 2 | 0 | 0 |
| Middle Atlantic | 5,893 | 5,619 | 4.9% | 0 | 175 | 4,508 | 4,190 | 495 | 485 | 890 | 770 |
| New Jersey | 1,022 | 999 | 2.4% | 0 | 0 | 868 | 841 | 155 | 158 | 0 | 0 |
| New York | 2,437 | 2,282 | 6.8% | 0 | 175 | 1,951 | 1,651 | 226 | 209 | 260 | 247 |
| Pennsylvania | 2,434 | 2,339 | 4.1% | 0 | 0 | 1,690 | 1,697 | 114 | 119 | 630 | 523 |
| East North Central | 6,324 | 6,150 | 2.8% | 614 | 584 | 3,721 | 3,578 | 228 | 188 | 1,761 | 1,801 |
| Illinois | 661 | 608 | 8.7% | 0 | 0 | 661 | 608 | NM | 0 | 0 | 0 |
| Indiana | 385 | 376 | 2.3% | 322 | 315 | 0 | 0 | 19 | 20 | 44 | 41 |
| Michigan | 2,817 | 2,715 | 3.8% | 0 | 0 | 1,839 | 1,747 | 193 | 146 | 785 | 822 |
| Ohio | 803 | 817 | -1.7% | 10 | 7 | 454 | 481 | 0 | 0 | 339 | 329 |
| Wisconsin | 1,658 | 1,634 | 1.5% | 282 | 262 | 768 | 742 | 15 | 22 | 594 | 608 |
| West North Central | 2,100 | 1,973 | 6.4% | 516 | 496 | 904 | 864 | 96 | 70 | 584 | 543 |
| Iowa | 158 | 159 | -0.1% | 26 | 24 | 86 | 86 | 26 | 27 | 20 | 21 |
| Kansas | 59 | 58 | 1.0% | 0 | 0 | 59 | 58 | 0 | 0 | 0 | 0 |
| Minnesota | 1,704 | 1,610 | 5.8% | 399 | 381 | 738 | 699 | 20 | 17 | 548 | 513 |
| Missouri | 101 | 74 | 36.4% | 41 | 41 | 22 | 22 | 32 | 8 | NM | 3 |
| Nebraska | 68 | 67 | 0.7% | 50 | 49 | 0 | 0 | 18 | 18 | 0 | 0 |
| North Dakota | 10 | 5 | 87.6% | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 5 |
| South Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 18,213 | 16,633 | 9.5% | 1,697 | 1,205 | 6,156 | 5,206 | 386 | 385 | 9,976 | 9,837 |
| Delaware | 59 | 57 | 2.3% | 0 | 0 | 59 | 57 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 4,964 | 4,449 | 11.6% | 98 | 92 | 2,736 | 2,183 | 34 | 33 | 2,096 | 2,141 |
| Georgia | 4,178 | 3,825 | 9.2% | 0 | 0 | 611 | 501 | 25 | 23 | 3,543 | 3,301 |
| Maryland | 588 | 556 | 5.7% | 0 | 0 | 414 | 401 | 36 | 29 | 138 | 126 |
| North Carolina | 2,460 | 2,610 | -5.7% | 0 | 0 | 1,274 | 1,221 | 62 | 70 | 1,125 | 1,318 |
| South Carolina | 2,225 | 2,226 | 0.0% | 466 | 439 | 98 | 86 | 0 | 0 | 1,661 | 1,702 |
| Virginia | 3,735 | 2,906 | 28.5% | 1,133 | 674 | 960 | 753 | 229 | 230 | 1,412 | 1,249 |
| West Virginia | 4 | 4 | -0.2% | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 |
| East South Central | 6,271 | 5,694 | 10.1% | 101 | 99 | 302 | 290 | 0 | 0 | 5,868 | 5,305 |
| Alabama | 3,295 | 2,876 | 14.6% | 0 | 0 | 211 | 199 | 0 | 0 | 3,084 | 2,677 |
| Kentucky | 461 | 327 | 41.1% | 100 | 98 | 0 | 0 | 0 | 0 | 361 | 228 |
| Mississippi | 1,494 | 1,448 | 3.2% | 1 | 0 | 12 | 12 | 0 | 0 | 1,481 | 1,436 |
| Tennessee | 1,021 | 1,043 | -2.1% | 0 | 0 | 79 | 79 | 0 | 0 | 943 | 964 |
| West South Central | 6,514 | 6,454 | 0.9% | 18 | 0 | 1,012 | 862 | 42 | 40 | 5,442 | 5,553 |
| Arkansas | 1,607 | 1,601 | 0.4% | 0 | 0 | 116 | 100 | 5 | 5 | 1,486 | 1,496 |
| Louisiana | 2,711 | 2,787 | -2.7% | 0 | 0 | 76 | 73 | 0 | 0 | 2,635 | 2,714 |
| Oklahoma | 323 | 344 | -6.0% | 0 | 0 | 0 | 18 | 0 | 0 | 323 | 326 |
| Texas | 1,873 | 1,723 | 8.7% | 18 | 0 | 820 | 671 | 37 | 34 | 998 | 1,017 |
| Mountain | 1,028 | 1,027 | 0.2% | 40 | 39 | 619 | 585 | 0 | 0 | 370 | 403 |
| Arizona | 239 | 171 | 39.3% | 26 | 26 | 213 | 145 | 0 | 0 | 0 | 0 |
| Colorado | 87 | 84 | 3.7% | 3 | 2 | 84 | 82 | 0 | 0 | 0 | 0 |
| Idaho | 589 | 652 | -9.7% | 11 | 11 | 208 | 243 | 0 | 0 | 370 | 398 |
| Montana | 0 | 5 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Nevada | 25 | 24 | 1.2% | 0 | 0 | 25 | 24 | 0 | 0 | 0 | 0 |
| New Mexico | 18 | 19 | -2.7% | 0 | 0 | 18 | 19 | 0 | 0 | 0 | 0 |
| Utah | 71 | 71 | 0.2% | 0 | 0 | 71 | 71 | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 9,807 | 9,446 | 3.8% | 637 | 732 | 5,550 | 5,128 | 1,013 | 1,046 | 2,607 | 2,540 |
| California | 6,962 | 6,635 | 4.9% | 189 | 205 | 5,057 | 4,670 | 984 | 1,017 | 731 | 744 |
| Oregon | 1,081 | 994 | 8.8% | 62 | 63 | 393 | 366 | 21 | 22 | 605 | 543 |
| Washington | 1,764 | 1,817 | -2.9% | 386 | 465 | 99 | 93 | 7 | 7 | 1,271 | 1,253 |
| Pacific Noncontiguous | 401 | 381 | 5.2% | 37 | 29 | 0 | 0 | 239 | 228 | 125 | 125 |
| Alaska | 53 | 52 | 1.0% | 0 | 0 | 0 | 0 | 45 | 46 | 7 | 6 |
| Hawaii | 349 | 329 | 5.8% | 37 | 29 | 0 | 0 | 194 | 183 | 118 | 118 |
| U.S. Total | 64,319 | 60,858 | 5.7% | 4,278 | 4,034 | 27,931 | 25,187 | 2,680 | 2,601 | 29,430 | 29,037 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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, December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 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 | 327 | 301 | 8.4% | 23 | 26 | 303 | 276 | 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 | 4 | 4 | 1.3% | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 |
| Montana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 273 | 248 | 10.2% | 0 | 0 | 273 | 248 | 0 | 0 | 0 | 0 |
| New Mexico | NM | 0 | NM | 0 | 0 | NM | 0 | 0 | 0 | 0 | 0 |
| Utah | 48 | 49 | -3.3% | 23 | 26 | 24 | 23 | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 1,097 | 1,038 | 5.6% | 68 | 74 | 1,029 | 964 | 0 | 0 | 0 | 0 |
| California | 1,077 | 1,018 | 5.8% | 68 | 74 | 1,009 | 944 | 0 | 0 | 0 | 0 |
| Oregon | 19 | 20 | -3.6% | 0 | 0 | 19 | 20 | 0 | 0 | 0 | 0 |
| Washington | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 20 | 26 | -23.7% | 0 | 0 | 20 | 26 | 0 | 0 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 20 | 26 | -23.7% | 0 | 0 | 20 | 26 | 0 | 0 | 0 | 0 |
| U.S. Total | 1,443 | 1,366 | 5.7% | 91 | 100 | 1,351 | 1,266 | 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 for 2014 are preliminary. Values for 2013 are final. 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 December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 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 | 3,596 | 3,029 | 18.7% | 275 | 251 | 3,321 | 2,778 | 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 | 50 | 40 | 26.3% | 0 | 0 | 50 | 40 | 0 | 0 | 0 | 0 |
| Montana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 3,006 | 2,670 | 12.6% | 0 | 0 | 3,006 | 2,670 | 0 | 0 | 0 | 0 |
| New Mexico | 19 | 0 | NM | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 |
| Utah | 522 | 319 | 63.7% | 275 | 251 | 247 | 68 | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 12,778 | 12,471 | 2.5% | 841 | 754 | 11,938 | 11,717 | 0 | 0 | 0 | 0 |
| California | 12,595 | 12,307 | 2.3% | 841 | 754 | 11,754 | 11,553 | 0 | 0 | 0 | 0 |
| Oregon | 183 | 165 | 11.4% | 0 | 0 | 183 | 165 | 0 | 0 | 0 | 0 |
| Washington | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 254 | 275 | -7.6% | 0 | 0 | 254 | 275 | 0 | 0 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 254 | 275 | -7.6% | 0 | 0 | 254 | 275 | 0 | 0 | 0 | 0 |
| U.S. Total | 16,628 | 15,775 | 5.4% | 1,116 | 1,005 | 15,513 | 14,770 | 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 for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

## Table 1.20.A. Net Generation from Solar by State, by Sector, December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 23 | 15 | 55.0% | NM | 0 | 23 | 15 | NM | 0 | 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 | 21 | 13 | 65.1% | NM | 0 | 20 | 12 | NM | 0 | 0 | 0 |
| New Hampshire | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rhode Island | NM | 0 | NM | 0 | 0 | NM | 0 | 0 | 0 | 0 | 0 |
| Vermont | NM | 2 | NM | 0 | 0 | NM | 2 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 32 | 27 | 17.0% | NM | 2 | 25 | 21 | NM | 4 | NM | 0 |
| New Jersey | 26 | 22 | 21.4% | NM | 2 | 19 | 16 | NM | 4 | NM | 0 |
| New York | 3 | 3 | 2.0% | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 |
| Pennsylvania | NM | 3 | NM | 0 | 0 | NM | 2 | 0 | 0 | NM | 0 |
| East North Central | 13 | 20 | -33.9% | NM | 1 | 13 | 19 | NM | 0 | 0 | 0 |
| Illinois | NM | 5 | NM | 0 | 0 | NM | 5 | 0 | 0 | 0 | 0 |
| Indiana | 9 | 11 | -20.7% | 0 | 0 | 9 | 11 | 0 | 0 | 0 | 0 |
| Michigan | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio | NM | 4 | NM | NM | 1 | NM | 3 | NM | 0 | 0 | 0 |
| Wisconsin | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | NM | 0 | NM | 0 | 0 | NM | 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 | NM | 0 | NM | 0 | 0 | NM | 0 | 0 | 0 | 0 | 0 |
| Missouri | NM | 0 | -- | 0 | 0 | NM | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 86 | 58 | 48.7% | 14 | 9 | 67 | 44 | NM | 5 | 0 | 0 |
| Delaware | NM | 3 | NM | NM | 0 | NM | 3 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 14 | 9 | 57.9% | 13 | 7 | NM | 2 | NM | 0 | 0 | 0 |
| Georgia | 6 | 6 | 7.3% | 0 | 0 | 6 | 6 | NM | 0 | 0 | 0 |
| Maryland | 4 | 5 | -11.8% | NM | 1 | 4 | 4 | NM | 0 | 0 | 0 |
| North Carolina | 58 | 35 | 68.2% | NM | 0 | 54 | 30 | NM | 5 | 0 | 0 |
| South Carolina | NM | 0 | NM | 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 | 2 | NM | 0 | 0 | NM | 2 | NM | 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 | NM | 2 | NM | 0 | 0 | NM | 2 | NM | 0 | 0 | 0 |
| West South Central | 15 | 14 | 6.2% | 0 | 0 | 15 | 14 | NM | 0 | 0 | 0 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 15 | 14 | 6.2% | 0 | 0 | 15 | 14 | NM | 0 | 0 | 0 |
| Mountain | 242 | 275 | -11.8% | 27 | 34 | 212 | 236 | NM | 5 | NM | 0 |
| Arizona | 143 | 182 | -21.3% | 23 | 28 | 119 | 152 | NM | 2 | 0 | 0 |
| Colorado | 12 | 16 | -26.6% | 0 | 0 | 11 | 15 | NM | 1 | 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 | 59 | 48 | 22.7% | 0 | 0 | 58 | 46 | NM | 2 | NM | 0 |
| New Mexico | 28 | 28 | -1.1% | NM | 5 | 24 | 23 | 0 | 0 | 0 | 0 |
| Utah | NM | 0 | NM | 0 | 0 | NM | 0 | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 566 | 437 | 29.4% | 20 | 43 | 541 | 386 | NM | 9 | NM | 1 |
| California | 565 | 435 | 29.8% | 20 | 42 | 540 | 384 | NM | 9 | NM | 1 |
| Oregon | NM | 2 | NM | NM | 1 | NM | 2 | 0 | 0 | 0 | 0 |
| Washington | 0 | 0 | -11.8% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | NM | 2 | NM | NM | 0 | NM | 2 | 0 | 0 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | NM | 2 | NM | NM | 0 | NM | 2 | 0 | 0 | 0 | 0 |
| U.S. Total | 985 | 850 | 15.9% | 65 | 88 | 902 | 738 | 17 | 23 | NM | 1 |

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values for 2014 are preliminary. Values for 2013 are final. 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 December 2014 and 2013 (Thousand Megawatthours)

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 477 | 126 | 279.1% | 13 | 4 | 463 | 121 | NM | 1 | 0 | 0 |
| Connecticut | 12 | 0 | -- | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Maine | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Massachusetts | 419 | 106 | 293.8% | 13 | 4 | 406 | 102 | NM | 1 | 0 | 0 |
| New Hampshire | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rhode Island | 16 | 2 | 721.0% | 0 | 0 | 16 | 2 | 0 | 0 | 0 | 0 |
| Vermont | 29 | 17 | 68.8% | 0 | 0 | 29 | 17 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 834 | 568 | 46.9% | 51 | 41 | 631 | 434 | 140 | 83 | 12 | 10 |
| New Jersey | 677 | 437 | 54.9% | 51 | 41 | 486 | 312 | 139 | 83 | NM | 1 |
| New York | 76 | 67 | 13.4% | 0 | 0 | 76 | 67 | 0 | 0 | 0 | 0 |
| Pennsylvania | 80 | 63 | 27.4% | 0 | 0 | 70 | 55 | NM | 0 | 10 | 8 |
| East North Central | 273 | 129 | 111.8% | 9 | 7 | 260 | 119 | NM | 3 | 0 | 0 |
| Illinois | 60 | 52 | 16.0% | 0 | 0 | 60 | 52 | 0 | 0 | 0 | 0 |
| Indiana | 153 | 31 | 400.6% | 0 | 0 | 153 | 31 | 0 | 0 | 0 | 0 |
| Michigan | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio | 60 | 46 | 29.1% | 9 | 7 | 47 | 37 | NM | 3 | 0 | 0 |
| Wisconsin | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 17 | 3 | 532.0% | 0 | 0 | 17 | 3 | 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 | 3 | NM | 0 | 0 | NM | 3 | 0 | 0 | 0 | 0 |
| Missouri | 13 | 0 | -- | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 1,473 | 677 | 117.4% | 217 | 187 | 1,145 | 435 | 110 | 56 | 0 | 0 |
| Delaware | 59 | 45 | 31.0% | 10 | 2 | 49 | 43 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 241 | 210 | 14.9% | 189 | 170 | 50 | 38 | NM | 2 | 0 | 0 |
| Georgia | 132 | 14 | 808.9% | 0 | 0 | 128 | 11 | NM | 3 | 0 | 0 |
| Maryland | 113 | 63 | 77.7% | 10 | 9 | 96 | 51 | 7 | 4 | 0 | 0 |
| North Carolina | 922 | 345 | 167.6% | 8 | 7 | 817 | 291 | 98 | 47 | 0 | 0 |
| South Carolina | NM | 0 | NM | 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 | 31 | 20 | 52.6% | 0 | 0 | 28 | 18 | NM | 2 | 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 | 31 | 20 | 52.6% | 0 | 0 | 28 | 18 | NM | 2 | 0 | 0 |
| West South Central | 304 | 163 | 86.5% | 0 | 0 | 301 | 161 | NM | 2 | 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 | 304 | 163 | 86.5% | 0 | 0 | 301 | 161 | NM | 2 | 0 | 0 |
| Mountain | 4,942 | 3,495 | 41.4% | 507 | 333 | 4,360 | 3,094 | 73 | 65 | 3 | 3 |
| Arizona | 3,101 | 2,111 | 46.9% | 409 | 276 | 2,671 | 1,816 | 21 | 20 | 0 | 0 |
| Colorado | 268 | 248 | 7.9% | 0 | 0 | 251 | 234 | 17 | 14 | 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 | 1,028 | 745 | 37.9% | 0 | 0 | 991 | 711 | 34 | 32 | 3 | 3 |
| New Mexico | 543 | 388 | 39.9% | 98 | 57 | 445 | 331 | 0 | 0 | 0 | 0 |
| Utah | NM | 2 | NM | 0 | 0 | NM | 2 | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 9,922 | 3,835 | 158.7% | 482 | 371 | 9,335 | 3,378 | 100 | 82 | 6 | 5 |
| California | 9,891 | 3,814 | 159.4% | 474 | 364 | 9,312 | 3,364 | 100 | 82 | 6 | 5 |
| Oregon | 30 | 20 | 48.3% | 8 | 7 | 23 | 14 | 0 | 0 | 0 | 0 |
| Washington | 1 | 1 | -4.3% | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 48 | 19 | 147.1% | 11 | 0 | 37 | 19 | 0 | 0 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 48 | 19 | 147.1% | 11 | 0 | 37 | 19 | 0 | 0 | 0 | 0 |
| U.S. Total | 18,321 | 9,036 | 102.8% | 1,290 | 943 | 16,579 | 7,782 | 432 | 294 | 20 | 17 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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-December 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 | 860,729 | 638,327 | 217,219 | 513 | 4,670 |
| 2014 | 854,416 | 636,173 | 212,998 | 269 | 4,976 |
| **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 | 75,049 | 55,688 | 18,919 | 55 | 386 |
| February | 67,129 | 49,022 | 17,700 | 50 | 358 |
| March | 70,469 | 52,038 | 17,979 | 49 | 404 |
| April | 60,807 | 45,540 | 14,852 | 40 | 374 |
| May | 64,688 | 48,328 | 15,922 | 40 | 399 |
| June | 75,054 | 56,015 | 18,605 | 38 | 395 |
| July | 83,213 | 61,387 | 21,360 | 38 | 429 |
| August | 81,970 | 61,396 | 20,127 | 38 | 408 |
| Sept | 72,723 | 53,126 | 19,179 | 38 | 380 |
| October | 66,348 | 49,423 | 16,521 | 37 | 367 |
| November | 65,959 | 49,621 | 15,930 | 42 | 366 |
| December | 77,319 | 56,743 | 20,125 | 47 | 404 |
| **2014** | | | | | |
| January | 83,600 | 62,364 | 20,755 | 31 | 449 |
| February | 76,252 | 56,134 | 19,675 | 30 | 413 |
| March | 72,234 | 52,897 | 18,876 | 27 | 435 |
| April | 58,151 | 42,217 | 15,546 | 20 | 369 |
| May | 64,018 | 47,901 | 15,694 | 18 | 405 |
| June | 74,488 | 56,639 | 17,393 | 21 | 435 |
| July | 81,580 | 61,315 | 19,793 | 21 | 450 |
| August | 81,164 | 61,258 | 19,444 | 20 | 442 |
| Sept | 69,242 | 51,465 | 17,335 | 19 | 422 |
| October | 61,323 | 45,819 | 15,103 | 16 | 385 |
| November | 64,633 | 47,394 | 16,841 | 21 | 376 |
| December | 67,730 | 50,769 | 16,543 | 24 | 394 |
| **Year to Date** | | | | | |
| 2012 | 825,734 | 615,467 | 205,295 | 307 | 4,665 |
| 2013 | 860,729 | 638,327 | 217,219 | 513 | 4,670 |
| 2014 | 854,416 | 636,173 | 212,998 | 269 | 4,976 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 860,729 | 638,327 | 217,219 | 513 | 4,670 |
| 2014 | 854,416 | 636,173 | 212,998 | 269 | 4,976 |

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 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-December 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 | 18,350 | 0 | 2,416 | 843 | 15,090 |
| 2014 | 18,218 | 0 | 2,257 | 1,054 | 14,907 |
| **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 | 1,699 | 0 | 225 | 94 | 1,381 |
| February | 1,527 | 0 | 198 | 88 | 1,242 |
| March | 1,631 | 0 | 203 | 83 | 1,345 |
| April | 1,442 | 0 | 192 | 59 | 1,191 |
| May | 1,479 | 0 | 194 | 66 | 1,219 |
| June | 1,428 | 0 | 197 | 63 | 1,168 |
| July | 1,527 | 0 | 219 | 63 | 1,245 |
| August | 1,496 | 0 | 215 | 63 | 1,218 |
| Sept | 1,404 | 0 | 196 | 58 | 1,150 |
| October | 1,470 | 0 | 164 | 53 | 1,253 |
| November | 1,599 | 0 | 212 | 70 | 1,318 |
| December | 1,647 | 0 | 203 | 83 | 1,362 |
| **2014** | | | | | |
| January | 1,721 | 0 | 193 | 115 | 1,413 |
| February | 1,600 | 0 | 195 | 115 | 1,290 |
| March | 1,760 | 0 | 243 | 113 | 1,403 |
| April | 1,498 | 0 | 207 | 90 | 1,202 |
| May | 1,492 | 0 | 195 | 74 | 1,222 |
| June | 1,394 | 0 | 191 | 67 | 1,136 |
| July | 1,490 | 0 | 200 | 77 | 1,213 |
| August | 1,474 | 0 | 183 | 70 | 1,221 |
| Sept | 1,413 | 0 | 168 | 71 | 1,174 |
| October | 1,406 | 0 | 153 | 71 | 1,181 |
| November | 1,480 | 0 | 178 | 93 | 1,209 |
| December | 1,491 | 0 | 152 | 97 | 1,242 |
| **Year to Date** | | | | | |
| 2012 | 19,333 | 0 | 2,790 | 1,143 | 15,400 |
| 2013 | 18,350 | 0 | 2,416 | 843 | 15,090 |
| 2014 | 18,218 | 0 | 2,257 | 1,054 | 14,907 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 18,350 | 0 | 2,416 | 843 | 15,090 |
| 2014 | 18,218 | 0 | 2,257 | 1,054 | 14,907 |

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 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-December 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 | 879,078 | 638,327 | 219,635 | 1,356 | 19,761 |
| 2014 | 872,634 | 636,173 | 215,255 | 1,323 | 19,883 |
| **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 | 76,748 | 55,688 | 19,144 | 149 | 1,767 |
| February | 68,656 | 49,022 | 17,897 | 137 | 1,600 |
| March | 72,100 | 52,038 | 18,182 | 132 | 1,748 |
| April | 62,249 | 45,540 | 15,044 | 100 | 1,565 |
| May | 66,168 | 48,328 | 16,116 | 105 | 1,618 |
| June | 76,482 | 56,015 | 18,802 | 102 | 1,563 |
| July | 84,740 | 61,387 | 21,580 | 100 | 1,674 |
| August | 83,466 | 61,396 | 20,342 | 102 | 1,626 |
| Sept | 74,127 | 53,126 | 19,375 | 96 | 1,530 |
| October | 67,818 | 49,423 | 16,685 | 91 | 1,620 |
| November | 67,559 | 49,621 | 16,142 | 112 | 1,683 |
| December | 78,966 | 56,743 | 20,327 | 130 | 1,765 |
| **2014** | | | | | |
| January | 85,321 | 62,364 | 20,948 | 146 | 1,862 |
| February | 77,852 | 56,134 | 19,870 | 145 | 1,703 |
| March | 73,994 | 52,897 | 19,119 | 140 | 1,838 |
| April | 59,650 | 42,217 | 15,752 | 109 | 1,571 |
| May | 65,510 | 47,901 | 15,889 | 92 | 1,627 |
| June | 75,882 | 56,639 | 17,584 | 88 | 1,571 |
| July | 83,070 | 61,315 | 19,992 | 98 | 1,664 |
| August | 82,638 | 61,258 | 19,627 | 90 | 1,663 |
| Sept | 70,655 | 51,465 | 17,503 | 91 | 1,596 |
| October | 62,729 | 45,819 | 15,256 | 88 | 1,566 |
| November | 66,112 | 47,394 | 17,019 | 114 | 1,585 |
| December | 69,221 | 50,769 | 16,695 | 121 | 1,636 |
| **Year to Date** | | | | | |
| 2012 | 845,066 | 615,467 | 208,085 | 1,450 | 20,065 |
| 2013 | 879,078 | 638,327 | 219,635 | 1,356 | 19,761 |
| 2014 | 872,634 | 636,173 | 215,255 | 1,323 | 19,883 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 879,078 | 638,327 | 219,635 | 1,356 | 19,761 |
| 2014 | 872,634 | 636,173 | 215,255 | 1,323 | 19,883 |

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 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-December 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 | 23,231 | 16,827 | 5,494 | 328 | 582 |
| 2014 | 32,084 | 20,197 | 10,682 | 565 | 640 |
| **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 | 2,962 | 1,809 | 1,036 | 47 | 69 |
| February | 1,890 | 1,279 | 526 | 35 | 51 |
| March | 1,639 | 1,334 | 232 | 24 | 50 |
| April | 1,685 | 1,335 | 282 | 24 | 43 |
| May | 1,789 | 1,419 | 294 | 20 | 55 |
| June | 1,699 | 1,321 | 319 | 18 | 41 |
| July | 2,546 | 1,732 | 740 | 31 | 43 |
| August | 1,776 | 1,402 | 306 | 26 | 41 |
| Sept | 1,591 | 1,170 | 361 | 19 | 40 |
| October | 1,581 | 1,247 | 270 | 21 | 44 |
| November | 1,657 | 1,305 | 282 | 24 | 46 |
| December | 2,416 | 1,473 | 848 | 38 | 57 |
| **2014** | | | | | |
| January | 10,637 | 4,743 | 5,543 | 235 | 117 |
| February | 3,131 | 1,896 | 1,090 | 75 | 70 |
| March | 3,602 | 1,931 | 1,519 | 77 | 74 |
| April | 1,498 | 1,245 | 205 | 19 | NM |
| May | 1,629 | 1,318 | 251 | 20 | 40 |
| June | 1,522 | 1,203 | 255 | 19 | 44 |
| July | 1,710 | 1,344 | 306 | 20 | 40 |
| August | 1,812 | 1,380 | 360 | 20 | 52 |
| Sept | 1,678 | 1,358 | 259 | 18 | 43 |
| October | 1,523 | 1,224 | 246 | 18 | 36 |
| November | 1,673 | 1,274 | 323 | 21 | 55 |
| December | 1,669 | 1,280 | 324 | 23 | 41 |
| **Year to Date** | | | | | |
| 2012 | 22,604 | 17,521 | 4,110 | 272 | 702 |
| 2013 | 23,231 | 16,827 | 5,494 | 328 | 582 |
| 2014 | 32,084 | 20,197 | 10,682 | 565 | 640 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 23,231 | 16,827 | 5,494 | 328 | 582 |
| 2014 | 32,084 | 20,197 | 10,682 | 565 | NM |

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 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-December 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 | 3,456 | 0 | 1,050 | 498 | 1,908 |
| 2014 | 4,289 | 0 | 1,197 | 869 | 2,223 |
| **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 | 473 | 0 | 63 | 214 | 196 |
| February | 311 | 0 | 79 | 55 | 178 |
| March | 235 | 0 | 89 | 3 | 143 |
| April | 245 | 0 | 89 | 3 | 153 |
| May | 248 | 0 | 92 | 7 | 149 |
| June | 230 | 0 | 86 | 6 | 139 |
| July | 220 | 0 | 90 | 13 | 117 |
| August | 209 | 0 | 90 | 5 | 114 |
| Sept | 203 | 0 | 94 | 3 | 106 |
| October | 229 | 0 | 99 | 10 | 120 |
| November | 234 | 0 | 88 | 12 | 134 |
| December | 619 | 0 | 92 | 167 | 360 |
| **2014** | | | | | |
| January | 1,113 | 0 | 193 | 381 | 539 |
| February | 486 | 0 | 98 | 123 | 266 |
| March | 491 | 0 | 109 | 132 | 251 |
| April | 225 | 0 | 88 | 21 | NM |
| May | 248 | 0 | 92 | 28 | 128 |
| June | 268 | 0 | 90 | 28 | 150 |
| July | 253 | 0 | 98 | 28 | 127 |
| August | 266 | 0 | 96 | 31 | 138 |
| Sept | 203 | 0 | 65 | 22 | 116 |
| October | 217 | 0 | 98 | 18 | 101 |
| November | 283 | 0 | 95 | 26 | 162 |
| December | 235 | 0 | 75 | 30 | 130 |
| **Year to Date** | | | | | |
| 2012 | 3,097 | 0 | 992 | 122 | 1,984 |
| 2013 | 3,456 | 0 | 1,050 | 498 | 1,908 |
| 2014 | 4,289 | 0 | 1,197 | 869 | 2,223 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 3,456 | 0 | 1,050 | 498 | 1,908 |
| 2014 | 4,289 | 0 | 1,197 | 869 | NM |

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 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-December 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 | 26,687 | 16,827 | 6,544 | 826 | 2,490 |
| 2014 | 36,373 | 20,197 | 11,879 | 1,433 | 2,863 |
| **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 | 3,435 | 1,809 | 1,099 | 261 | 265 |
| February | 2,202 | 1,279 | 604 | 90 | 229 |
| March | 1,874 | 1,334 | 321 | 27 | 193 |
| April | 1,930 | 1,335 | 371 | 27 | 196 |
| May | 2,037 | 1,419 | 386 | 27 | 204 |
| June | 1,929 | 1,321 | 405 | 24 | 179 |
| July | 2,766 | 1,732 | 829 | 44 | 160 |
| August | 1,985 | 1,402 | 396 | 32 | 155 |
| Sept | 1,794 | 1,170 | 455 | 22 | 146 |
| October | 1,810 | 1,247 | 369 | 31 | 164 |
| November | 1,891 | 1,305 | 369 | 36 | 181 |
| December | 3,035 | 1,473 | 940 | 205 | 417 |
| **2014** | | | | | |
| January | 11,750 | 4,743 | 5,736 | 616 | 655 |
| February | 3,618 | 1,896 | 1,188 | 197 | 337 |
| March | 4,093 | 1,931 | 1,628 | 209 | 325 |
| April | 1,722 | 1,245 | 293 | 41 | NM |
| May | 1,876 | 1,318 | 342 | 48 | 168 |
| June | 1,790 | 1,203 | 345 | 48 | 194 |
| July | 1,964 | 1,344 | 405 | 48 | 167 |
| August | 2,078 | 1,380 | 456 | 51 | 191 |
| Sept | 1,881 | 1,358 | 324 | 40 | 159 |
| October | 1,740 | 1,224 | 343 | 36 | 136 |
| November | 1,957 | 1,274 | 419 | 47 | 217 |
| December | 1,904 | 1,280 | 399 | 53 | 172 |
| **Year to Date** | | | | | |
| 2012 | 25,702 | 17,521 | 5,102 | 394 | 2,685 |
| 2013 | 26,687 | 16,827 | 6,544 | 826 | 2,490 |
| 2014 | 36,373 | 20,197 | 11,879 | 1,433 | 2,863 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 26,687 | 16,827 | 6,544 | 826 | 2,490 |
| 2014 | 36,373 | 20,197 | 11,879 | 1,433 | NM |

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 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-December 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 | 4,852 | 3,409 | 779 | 1 | 662 |
| 2014 | 4,325 | 3,356 | 598 | 2 | 369 |
| **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 | 385 | 253 | 67 | 0 | 65 |
| February | 314 | 220 | 62 | 0 | 32 |
| March | 364 | 236 | 67 | 0 | 60 |
| April | 342 | 217 | 62 | 0 | 63 |
| May | 469 | 361 | 41 | 0 | 68 |
| June | 476 | 348 | 63 | 0 | 66 |
| July | 474 | 337 | 72 | 0 | 65 |
| August | 491 | 332 | 93 | 0 | 66 |
| Sept | 442 | 326 | 60 | 0 | 57 |
| October | 404 | 289 | 64 | 0 | 51 |
| November | 308 | 217 | 60 | 0 | 30 |
| December | 381 | 272 | 69 | 0 | 39 |
| **2014** | | | | | |
| January | 443 | 349 | 55 | 0 | 39 |
| February | 367 | 276 | 57 | 0 | 35 |
| March | 431 | 332 | 57 | 0 | 42 |
| April | 298 | 212 | 55 | 0 | 30 |
| May | 383 | 301 | 49 | 0 | 33 |
| June | 407 | 326 | 46 | 0 | 35 |
| July | 366 | 285 | 53 | 0 | 29 |
| August | 364 | 286 | 50 | 0 | 28 |
| Sept | 352 | 268 | 61 | 0 | 23 |
| October | 222 | 177 | 23 | 0 | 21 |
| November | 278 | 221 | 33 | 0 | 24 |
| December | 414 | 322 | 60 | 0 | 31 |
| **Year to Date** | | | | | |
| 2012 | 3,675 | 2,105 | 756 | 1 | 812 |
| 2013 | 4,852 | 3,409 | 779 | 1 | 662 |
| 2014 | 4,325 | 3,356 | 598 | 2 | 369 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 4,852 | 3,409 | 779 | 1 | 662 |
| 2014 | 4,325 | 3,356 | 598 | 2 | 369 |

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 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-December 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 | 1,486 | 0 | 96 | 11 | 1,379 |
| 2014 | 1,495 | 0 | 90 | 16 | 1,389 |
| **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 | 137 | 0 | 9 | 2 | 127 |
| February | 103 | 0 | 7 | 1 | 94 |
| March | 129 | 0 | 9 | 1 | 119 |
| April | 114 | 0 | 9 | 0 | 105 |
| May | 130 | 0 | 8 | 0 | 123 |
| June | 130 | 0 | 5 | 0 | 125 |
| July | 140 | 0 | 9 | 0 | 132 |
| August | 162 | 0 | 8 | 1 | 152 |
| Sept | 115 | 0 | 7 | 1 | 107 |
| October | 118 | 0 | 9 | 1 | 108 |
| November | 92 | 0 | 8 | 1 | 83 |
| December | 115 | 0 | 9 | 1 | 105 |
| **2014** | | | | | |
| January | 118 | 0 | 9 | 2 | 108 |
| February | 103 | 0 | 7 | 1 | 95 |
| March | 113 | 0 | 8 | 2 | 103 |
| April | 104 | 0 | 9 | 2 | 93 |
| May | 72 | 0 | 8 | 1 | 63 |
| June | 80 | 0 | 0 | 0 | 79 |
| July | 166 | 0 | 5 | 0 | 161 |
| August | 177 | 0 | 9 | 2 | 167 |
| Sept | 158 | 0 | 9 | 2 | 147 |
| October | 121 | 0 | 9 | 1 | 110 |
| November | 139 | 0 | 9 | 2 | 128 |
| December | 145 | 0 | 9 | 2 | 134 |
| **Year to Date** | | | | | |
| 2012 | 1,346 | 0 | 113 | 11 | 1,222 |
| 2013 | 1,486 | 0 | 96 | 11 | 1,379 |
| 2014 | 1,495 | 0 | 90 | 16 | 1,389 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 1,486 | 0 | 96 | 11 | 1,379 |
| 2014 | 1,495 | 0 | 90 | 16 | 1,389 |

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 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-December 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 | 6,338 | 3,409 | 875 | 12 | 2,041 |
| 2014 | 5,820 | 3,356 | 688 | 18 | 1,758 |
| **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 | 522 | 253 | 76 | 2 | 191 |
| February | 416 | 220 | 69 | 2 | 126 |
| March | 493 | 236 | 76 | 2 | 180 |
| April | 456 | 217 | 71 | 0 | 168 |
| May | 600 | 361 | 48 | 0 | 191 |
| June | 606 | 348 | 68 | 0 | 191 |
| July | 614 | 337 | 80 | 0 | 197 |
| August | 653 | 332 | 101 | 2 | 218 |
| Sept | 558 | 326 | 67 | 1 | 164 |
| October | 522 | 289 | 73 | 1 | 158 |
| November | 400 | 217 | 68 | 1 | 114 |
| December | 496 | 272 | 78 | 2 | 144 |
| **2014** | | | | | |
| January | 561 | 349 | 64 | 2 | 146 |
| February | 471 | 276 | 63 | 2 | 130 |
| March | 544 | 332 | 65 | 2 | 144 |
| April | 401 | 212 | 64 | 2 | 124 |
| May | 455 | 301 | 57 | 1 | 97 |
| June | 487 | 326 | 46 | 0 | 115 |
| July | 532 | 285 | 57 | 0 | 190 |
| August | 541 | 286 | 59 | 2 | 194 |
| Sept | 510 | 268 | 70 | 2 | 170 |
| October | 342 | 177 | 32 | 2 | 131 |
| November | 417 | 221 | 42 | 2 | 152 |
| December | 559 | 322 | 69 | 2 | 165 |
| **Year to Date** | | | | | |
| 2012 | 5,021 | 2,105 | 869 | 13 | 2,034 |
| 2013 | 6,338 | 3,409 | 875 | 12 | 2,041 |
| 2014 | 5,820 | 3,356 | 688 | 18 | 1,758 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 6,338 | 3,409 | 875 | 12 | 2,041 |
| 2014 | 5,820 | 3,356 | 688 | 18 | 1,758 |

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 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-December 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 | 8,596,299 | 3,970,447 | 3,917,131 | 66,570 | 642,152 |
| 2014 | 8,502,964 | 3,723,837 | 4,106,823 | 63,797 | 608,507 |
| **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 | 666,650 | 310,174 | 296,071 | 5,247 | 55,159 |
| February | 599,100 | 278,139 | 266,731 | 4,807 | 49,424 |
| March | 637,349 | 293,545 | 285,259 | 5,365 | 53,180 |
| April | 595,667 | 268,467 | 272,544 | 5,095 | 49,562 |
| May | 646,296 | 295,973 | 294,795 | 5,160 | 50,369 |
| June | 771,868 | 363,204 | 349,597 | 5,582 | 53,485 |
| July | 949,141 | 432,493 | 451,078 | 7,169 | 58,401 |
| August | 937,197 | 442,939 | 430,139 | 6,449 | 57,671 |
| Sept | 784,619 | 365,005 | 361,481 | 6,005 | 52,128 |
| October | 669,764 | 312,216 | 300,858 | 4,993 | 51,697 |
| November | 633,885 | 284,526 | 291,241 | 4,881 | 53,237 |
| December | 704,762 | 323,768 | 317,338 | 5,817 | 57,840 |
| **2014** | | | | | |
| January | 693,701 | 309,154 | 323,905 | 5,723 | 54,919 |
| February | 576,829 | 248,391 | 274,859 | 5,194 | 48,385 |
| March | 589,375 | 256,913 | 274,764 | 5,253 | 52,446 |
| April | 578,188 | 255,080 | 270,394 | 4,837 | 47,877 |
| May | 675,243 | 314,387 | 307,894 | 4,812 | 48,150 |
| June | 752,363 | 335,439 | 362,926 | 5,099 | 48,899 |
| July | 875,603 | 379,006 | 438,296 | 5,690 | 52,612 |
| August | 929,599 | 410,371 | 460,830 | 5,902 | 52,497 |
| Sept | 803,586 | 341,201 | 406,533 | 5,543 | 50,309 |
| October | 730,714 | 308,587 | 369,739 | 5,340 | 47,048 |
| November | 630,894 | 274,273 | 300,545 | 5,079 | 50,997 |
| December | 666,868 | 291,034 | 316,139 | 5,327 | 54,369 |
| **Year to Date** | | | | | |
| 2012 | 9,484,710 | 4,101,927 | 4,686,260 | 63,116 | 633,407 |
| 2013 | 8,596,299 | 3,970,447 | 3,917,131 | 66,570 | 642,152 |
| 2014 | 8,502,964 | 3,723,837 | 4,106,823 | 63,797 | 608,507 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 8,596,299 | 3,970,447 | 3,917,131 | 66,570 | 642,152 |
| 2014 | 8,502,964 | 3,723,837 | 4,106,823 | 63,797 | 608,507 |

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 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-December 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 | 882,385 | 0 | 303,177 | 51,057 | 528,151 |
| 2014 | 877,106 | 0 | 318,451 | 48,004 | 510,651 |
| **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 | 74,638 | 0 | 25,440 | 4,277 | 44,920 |
| February | 67,391 | 0 | 23,519 | 3,883 | 39,989 |
| March | 73,151 | 0 | 25,107 | 4,051 | 43,993 |
| April | 70,245 | 0 | 23,817 | 3,571 | 42,857 |
| May | 70,784 | 0 | 24,040 | 3,703 | 43,041 |
| June | 70,610 | 0 | 24,349 | 4,045 | 42,216 |
| July | 78,649 | 0 | 27,553 | 4,968 | 46,128 |
| August | 78,207 | 0 | 27,452 | 4,811 | 45,943 |
| Sept | 72,884 | 0 | 24,996 | 4,358 | 43,529 |
| October | 72,095 | 0 | 23,964 | 4,137 | 43,993 |
| November | 73,889 | 0 | 25,253 | 4,336 | 44,300 |
| December | 79,843 | 0 | 27,687 | 4,915 | 47,241 |
| **2014** | | | | | |
| January | 83,146 | 0 | 29,951 | 4,988 | 48,208 |
| February | 70,254 | 0 | 25,737 | 4,099 | 40,417 |
| March | 75,879 | 0 | 27,211 | 3,919 | 44,750 |
| April | 69,916 | 0 | 24,871 | 3,722 | 41,322 |
| May | 67,839 | 0 | 25,369 | 3,659 | 38,810 |
| June | 69,467 | 0 | 25,670 | 3,583 | 40,213 |
| July | 71,858 | 0 | 26,661 | 3,663 | 41,534 |
| August | 74,509 | 0 | 27,513 | 4,010 | 42,986 |
| Sept | 70,872 | 0 | 25,097 | 3,789 | 41,986 |
| October | 72,080 | 0 | 25,339 | 4,068 | 42,674 |
| November | 73,467 | 0 | 26,525 | 4,155 | 42,788 |
| December | 77,820 | 0 | 28,508 | 4,348 | 44,964 |
| **Year to Date** | | | | | |
| 2012 | 886,103 | 0 | 322,607 | 47,883 | 515,613 |
| 2013 | 882,385 | 0 | 303,177 | 51,057 | 528,151 |
| 2014 | 877,106 | 0 | 318,451 | 48,004 | 510,651 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 882,385 | 0 | 303,177 | 51,057 | 528,151 |
| 2014 | 877,106 | 0 | 318,451 | 48,004 | 510,651 |

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 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-December 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 | 9,478,685 | 3,970,447 | 4,220,309 | 117,626 | 1,170,303 |
| 2014 | 9,380,070 | 3,723,837 | 4,425,274 | 111,801 | 1,119,158 |
| **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 | 741,288 | 310,174 | 321,512 | 9,524 | 100,079 |
| February | 666,492 | 278,139 | 290,249 | 8,690 | 89,413 |
| March | 710,500 | 293,545 | 310,365 | 9,417 | 97,174 |
| April | 665,912 | 268,467 | 296,361 | 8,666 | 92,419 |
| May | 717,080 | 295,973 | 318,835 | 8,863 | 93,410 |
| June | 842,478 | 363,204 | 373,946 | 9,627 | 95,701 |
| July | 1,027,790 | 432,493 | 478,631 | 12,137 | 104,529 |
| August | 1,015,404 | 442,939 | 457,592 | 11,260 | 103,614 |
| Sept | 857,503 | 365,005 | 386,477 | 10,363 | 95,657 |
| October | 741,859 | 312,216 | 324,822 | 9,130 | 95,691 |
| November | 707,774 | 284,526 | 316,494 | 9,218 | 97,537 |
| December | 784,605 | 323,768 | 345,024 | 10,732 | 105,081 |
| **2014** | | | | | |
| January | 776,847 | 309,154 | 353,856 | 10,711 | 103,127 |
| February | 647,083 | 248,391 | 300,597 | 9,293 | 88,802 |
| March | 665,254 | 256,913 | 301,974 | 9,171 | 97,196 |
| April | 648,104 | 255,080 | 295,265 | 8,560 | 89,199 |
| May | 743,082 | 314,387 | 333,263 | 8,472 | 86,960 |
| June | 821,830 | 335,439 | 388,596 | 8,683 | 89,112 |
| July | 947,462 | 379,006 | 464,957 | 9,353 | 94,146 |
| August | 1,004,108 | 410,371 | 488,342 | 9,912 | 95,483 |
| Sept | 874,458 | 341,201 | 431,630 | 9,332 | 92,295 |
| October | 802,794 | 308,587 | 395,078 | 9,408 | 89,722 |
| November | 704,361 | 274,273 | 327,069 | 9,233 | 93,785 |
| December | 744,688 | 291,034 | 344,647 | 9,674 | 99,333 |
| **Year to Date** | | | | | |
| 2012 | 10,370,812 | 4,101,927 | 5,008,867 | 110,999 | 1,149,020 |
| 2013 | 9,478,685 | 3,970,447 | 4,220,309 | 117,626 | 1,170,303 |
| 2014 | 9,380,070 | 3,723,837 | 4,425,274 | 111,801 | 1,119,158 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 9,478,685 | 3,970,447 | 4,220,309 | 117,626 | 1,170,303 |
| 2014 | 9,380,070 | 3,723,837 | 4,425,274 | 111,801 | 1,119,158 |

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 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-December 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 | 271,967 | 27,259 | 211,942 | 28,143 | 4,623 |
| 2014 | 313,570 | 33,312 | 247,487 | 27,676 | 5,096 |
| **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 | 22,446 | 2,169 | 17,413 | 2,494 | 371 |
| February | 20,061 | 1,962 | 15,670 | 2,098 | 331 |
| March | 23,296 | 2,302 | 18,243 | 2,384 | 366 |
| April | 21,467 | 2,261 | 16,911 | 1,942 | 353 |
| May | 23,275 | 2,317 | 18,229 | 2,343 | 387 |
| June | 22,614 | 2,168 | 17,652 | 2,407 | 387 |
| July | 23,199 | 2,109 | 18,232 | 2,469 | 389 |
| August | 24,445 | 2,964 | 18,590 | 2,515 | 377 |
| Sept | 22,680 | 2,272 | 17,654 | 2,366 | 388 |
| October | 22,199 | 2,286 | 17,082 | 2,432 | 400 |
| November | 22,709 | 2,210 | 17,825 | 2,252 | 422 |
| December | 23,576 | 2,241 | 18,441 | 2,441 | 453 |
| **2014** | | | | | |
| January | 27,091 | 2,832 | 21,015 | 2,743 | 501 |
| February | 23,537 | 2,481 | 18,251 | 2,398 | 408 |
| March | 26,931 | 2,849 | 21,125 | 2,511 | 446 |
| April | 26,222 | 2,788 | 20,736 | 2,280 | 418 |
| May | 26,175 | 2,785 | 20,799 | 2,205 | 385 |
| June | 26,101 | 2,787 | 20,855 | 2,083 | 376 |
| July | 27,329 | 2,917 | 21,786 | 2,228 | 398 |
| August | 26,616 | 2,829 | 21,057 | 2,320 | 411 |
| Sept | 25,348 | 2,717 | 20,111 | 2,131 | 389 |
| October | 26,154 | 2,799 | 20,625 | 2,295 | 434 |
| November | 25,486 | 2,731 | 20,286 | 2,016 | 453 |
| December | 26,580 | 2,798 | 20,841 | 2,466 | 476 |
| **Year to Date** | | | | | |
| 2012 | 256,376 | 25,193 | 201,965 | 26,672 | 2,545 |
| 2013 | 271,967 | 27,259 | 211,942 | 28,143 | 4,623 |
| 2014 | 313,570 | 33,312 | 247,487 | 27,676 | 5,096 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 271,967 | 27,259 | 211,942 | 28,143 | 4,623 |
| 2014 | 313,570 | 33,312 | 247,487 | 27,676 | 5,096 |

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.
Values for 2013 and prior years are final. Values for 2014 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-December 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 | 831 | 0 | 261 | 423 | 147 |
| 2014 | 1,803 | 0 | 1,016 | 596 | 191 |
| **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 | 64 | 0 | 18 | 33 | 12 |
| February | 64 | 0 | 22 | 30 | 11 |
| March | 60 | 0 | 23 | 24 | 13 |
| April | 76 | 0 | 28 | 37 | 11 |
| May | 86 | 0 | 35 | 40 | 11 |
| June | 79 | 0 | 30 | 37 | 12 |
| July | 87 | 0 | 35 | 39 | 13 |
| August | 77 | 0 | 27 | 37 | 13 |
| Sept | 65 | 0 | 17 | 35 | 12 |
| October | 62 | 0 | 15 | 35 | 12 |
| November | 54 | 0 | 4 | 38 | 12 |
| December | 59 | 0 | 8 | 38 | 13 |
| **2014** | | | | | |
| January | 230 | 0 | 127 | 72 | 31 |
| February | 211 | 0 | 114 | 59 | 37 |
| March | 152 | 0 | 82 | 51 | 19 |
| April | 83 | 0 | 49 | 34 | 0 |
| May | 88 | 0 | 49 | 35 | 4 |
| June | 65 | 0 | 37 | 28 | 0 |
| July | 73 | 0 | 42 | 31 | 0 |
| August | 80 | 0 | 46 | 34 | 0 |
| Sept | 75 | 0 | 44 | 31 | 0 |
| October | 234 | 0 | 134 | 72 | 28 |
| November | 264 | 0 | 153 | 75 | 36 |
| December | 247 | 0 | 139 | 73 | 35 |
| **Year to Date** | | | | | |
| 2012 | 3,189 | 0 | 2,788 | 340 | 61 |
| 2013 | 831 | 0 | 261 | 423 | 147 |
| 2014 | 1,803 | 0 | 1,016 | 596 | 191 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 831 | 0 | 261 | 423 | 147 |
| 2014 | 1,803 | 0 | 1,016 | 596 | 191 |

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

## Table 2.5.C. Landfill Gas: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-December 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 | 272,798 | 27,259 | 212,203 | 28,566 | 4,770 |
| 2014 | 315,373 | 33,312 | 248,503 | 28,272 | 5,287 |
| **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 | 22,510 | 2,169 | 17,431 | 2,527 | 383 |
| February | 20,125 | 1,962 | 15,692 | 2,128 | 342 |
| March | 23,355 | 2,302 | 18,267 | 2,408 | 378 |
| April | 21,542 | 2,261 | 16,939 | 1,979 | 364 |
| May | 23,361 | 2,317 | 18,263 | 2,383 | 398 |
| June | 22,693 | 2,168 | 17,682 | 2,443 | 400 |
| July | 23,286 | 2,109 | 18,267 | 2,508 | 402 |
| August | 24,522 | 2,964 | 18,617 | 2,552 | 390 |
| Sept | 22,744 | 2,272 | 17,671 | 2,402 | 400 |
| October | 22,261 | 2,286 | 17,096 | 2,467 | 413 |
| November | 22,764 | 2,210 | 17,829 | 2,290 | 434 |
| December | 23,635 | 2,241 | 18,448 | 2,479 | 466 |
| **2014** | | | | | |
| January | 27,321 | 2,832 | 21,142 | 2,814 | 532 |
| February | 23,748 | 2,481 | 18,365 | 2,457 | 445 |
| March | 27,083 | 2,849 | 21,207 | 2,562 | 465 |
| April | 26,305 | 2,788 | 20,785 | 2,314 | 418 |
| May | 26,263 | 2,785 | 20,848 | 2,240 | 389 |
| June | 26,166 | 2,787 | 20,892 | 2,111 | 376 |
| July | 27,402 | 2,917 | 21,828 | 2,259 | 398 |
| August | 26,695 | 2,829 | 21,102 | 2,354 | 411 |
| Sept | 25,423 | 2,717 | 20,155 | 2,162 | 389 |
| October | 26,388 | 2,799 | 20,759 | 2,367 | 463 |
| November | 25,750 | 2,731 | 20,439 | 2,092 | 489 |
| December | 26,827 | 2,798 | 20,980 | 2,539 | 511 |
| **Year to Date** | | | | | |
| 2012 | 259,564 | 25,193 | 204,753 | 27,012 | 2,606 |
| 2013 | 272,798 | 27,259 | 212,203 | 28,566 | 4,770 |
| 2014 | 315,373 | 33,312 | 248,503 | 28,272 | 5,287 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 272,798 | 27,259 | 212,203 | 28,566 | 4,770 |
| 2014 | 315,373 | 33,312 | 248,503 | 28,272 | 5,287 |

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

## Table 2.6.A. Biogenic Municipal Solid Waste: Consumption for Electricity Generation, by Sector, 2004-December 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 | 17,007 | 456 | 14,057 | 2,485 | 8 |
| 2014 | 15,755 | 444 | 13,069 | 2,234 | 8 |
| **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 | 1,328 | 32 | 1,115 | 181 | 0 |
| February | 1,199 | 30 | 1,000 | 169 | 0 |
| March | 1,411 | 31 | 1,175 | 205 | 1 |
| April | 1,371 | 43 | 1,121 | 206 | 1 |
| May | 1,480 | 43 | 1,218 | 218 | 1 |
| June | 1,503 | 40 | 1,242 | 220 | 1 |
| July | 1,549 | 44 | 1,278 | 226 | 1 |
| August | 1,478 | 40 | 1,213 | 224 | 1 |
| Sept | 1,408 | 38 | 1,154 | 216 | 1 |
| October | 1,403 | 41 | 1,155 | 206 | 0 |
| November | 1,350 | 40 | 1,107 | 203 | 0 |
| December | 1,528 | 35 | 1,280 | 213 | 1 |
| **2014** | | | | | |
| January | 1,288 | 28 | 1,064 | 194 | 1 |
| February | 1,126 | 24 | 944 | 157 | 1 |
| March | 1,344 | 38 | 1,121 | 185 | 1 |
| April | 1,305 | 44 | 1,077 | 183 | 0 |
| May | 1,341 | 42 | 1,120 | 179 | 0 |
| June | 1,328 | 40 | 1,105 | 183 | 0 |
| July | 1,409 | 44 | 1,166 | 198 | 0 |
| August | 1,388 | 38 | 1,152 | 198 | 0 |
| Sept | 1,312 | 38 | 1,090 | 185 | 0 |
| October | 1,300 | 40 | 1,074 | 185 | 1 |
| November | 1,304 | 32 | 1,080 | 191 | 1 |
| December | 1,310 | 36 | 1,076 | 197 | 1 |
| **Year to Date** | | | | | |
| 2012 | 16,968 | 418 | 14,235 | 2,304 | 12 |
| 2013 | 17,007 | 456 | 14,057 | 2,485 | 8 |
| 2014 | 15,755 | 444 | 13,069 | 2,234 | 8 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 17,007 | 456 | 14,057 | 2,485 | 8 |
| 2014 | 15,755 | 444 | 13,069 | 2,234 | 8 |

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

## Table 2.6.B. Biogenic Municipal Solid Waste: Consumption for Useful Thermal Output, by Sector, 2004-December 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 | 1,865 | 0 | 517 | 1,160 | 187 |
| 2014 | 1,819 | 0 | 594 | 1,077 | 148 |
| **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 | 156 | 0 | 42 | 98 | 17 |
| February | 143 | 0 | 40 | 91 | 12 |
| March | 167 | 0 | 47 | 104 | 16 |
| April | 164 | 0 | 40 | 109 | 15 |
| May | 153 | 0 | 32 | 105 | 16 |
| June | 167 | 0 | 47 | 103 | 17 |
| July | 158 | 0 | 45 | 95 | 18 |
| August | 155 | 0 | 44 | 93 | 17 |
| Sept | 152 | 0 | 39 | 97 | 16 |
| October | 150 | 0 | 46 | 91 | 13 |
| November | 141 | 0 | 46 | 82 | 14 |
| December | 159 | 0 | 48 | 94 | 16 |
| **2014** | | | | | |
| January | 155 | 0 | 55 | 87 | 13 |
| February | 128 | 0 | 46 | 72 | 10 |
| March | 153 | 0 | 47 | 93 | 13 |
| April | 154 | 0 | 52 | 88 | 13 |
| May | 150 | 0 | 49 | 89 | 12 |
| June | 153 | 0 | 52 | 89 | 13 |
| July | 159 | 0 | 50 | 96 | 14 |
| August | 143 | 0 | 41 | 90 | 12 |
| Sept | 147 | 0 | 43 | 91 | 12 |
| October | 152 | 0 | 53 | 88 | 11 |
| November | 156 | 0 | 50 | 93 | 12 |
| December | 170 | 0 | 56 | 101 | 13 |
| **Year to Date** | | | | | |
| 2012 | 1,986 | 0 | 522 | 1,273 | 190 |
| 2013 | 1,865 | 0 | 517 | 1,160 | 187 |
| 2014 | 1,819 | 0 | 594 | 1,077 | 148 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 1,865 | 0 | 517 | 1,160 | 187 |
| 2014 | 1,819 | 0 | 594 | 1,077 | 148 |

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

## Table 2.6.C. Biogenic Municipal Solid Waste: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-December 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 | 18,871 | 456 | 14,574 | 3,646 | 195 |
| 2014 | 17,574 | 444 | 13,663 | 3,311 | 156 |
| **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 | 1,484 | 32 | 1,157 | 278 | 17 |
| February | 1,342 | 30 | 1,040 | 259 | 13 |
| March | 1,579 | 31 | 1,222 | 309 | 17 |
| April | 1,535 | 43 | 1,161 | 315 | 16 |
| May | 1,633 | 43 | 1,250 | 323 | 17 |
| June | 1,669 | 40 | 1,289 | 322 | 18 |
| July | 1,707 | 44 | 1,323 | 322 | 18 |
| August | 1,633 | 40 | 1,257 | 317 | 18 |
| Sept | 1,559 | 38 | 1,193 | 312 | 17 |
| October | 1,552 | 41 | 1,201 | 297 | 13 |
| November | 1,491 | 40 | 1,152 | 284 | 14 |
| December | 1,687 | 35 | 1,328 | 307 | 17 |
| **2014** | | | | | |
| January | 1,442 | 28 | 1,119 | 281 | 14 |
| February | 1,253 | 24 | 990 | 229 | 10 |
| March | 1,497 | 38 | 1,168 | 278 | 13 |
| April | 1,459 | 44 | 1,130 | 272 | 14 |
| May | 1,491 | 42 | 1,169 | 268 | 12 |
| June | 1,481 | 40 | 1,156 | 271 | 13 |
| July | 1,568 | 44 | 1,216 | 294 | 14 |
| August | 1,531 | 38 | 1,193 | 288 | 13 |
| Sept | 1,459 | 38 | 1,132 | 276 | 13 |
| October | 1,452 | 40 | 1,127 | 273 | 13 |
| November | 1,460 | 32 | 1,131 | 284 | 14 |
| December | 1,480 | 36 | 1,132 | 298 | 14 |
| **Year to Date** | | | | | |
| 2012 | 18,954 | 418 | 14,757 | 3,577 | 203 |
| 2013 | 18,871 | 456 | 14,574 | 3,646 | 195 |
| 2014 | 17,574 | 444 | 13,663 | 3,311 | 156 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 18,871 | 456 | 14,574 | 3,646 | 195 |
| 2014 | 17,574 | 444 | 13,663 | 3,311 | 156 |

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

**Table 2.7.A. Consumption of Coal for Electricity Generation by State, by Sector, December 2014 and December 2013 (Thousand Tons)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 130 | 535 | -76.0% | 42 | 108 | 86 | 425 | 0 | 0 | 2 | 2 |
| Connecticut | 9 | 122 | -93.0% | 0 | 0 | 9 | 122 | 0 | 0 | 0 | 0 |
| Maine | 2 | 2 | 0.9% | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 1 |
| Massachusetts | 77 | 303 | -75.0% | 0 | 0 | 76 | 302 | 0 | 0 | 1 | 1 |
| New Hampshire | 42 | 108 | -61.0% | 42 | 108 | 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 | 3,166 | 3,994 | -21.0% | NM | 0 | 3,141 | 3,967 | NM | 0 | 25 | 26 |
| New Jersey | 52 | 69 | -25.0% | 0 | 0 | 52 | 69 | 0 | 0 | 0 | 0 |
| New York | 93 | 277 | -67.0% | NM | 0 | 87 | 271 | 0 | 0 | 5 | 6 |
| Pennsylvania | 3,021 | 3,647 | -17.0% | 0 | 0 | 3,001 | 3,627 | NM | 0 | 19 | 20 |
| East North Central | 15,103 | 18,341 | -18.0% | 10,161 | 12,986 | 4,830 | 5,263 | 6 | 4 | 106 | 88 |
| Illinois | 4,582 | 4,958 | -7.6% | 512 | 570 | 4,012 | 4,337 | 2 | 2 | 56 | 50 |
| Indiana | 3,755 | 4,352 | -14.0% | 3,482 | 4,082 | 269 | 266 | 3 | 2 | NM | 0 |
| Michigan | 2,140 | 2,783 | -23.0% | 2,094 | 2,748 | 23 | 20 | 0 | 0 | 22 | 15 |
| Ohio | 2,819 | 3,872 | -27.0% | 2,287 | 3,226 | 525 | 639 | NM | 0 | 7 | 7 |
| Wisconsin | 1,807 | 2,376 | -24.0% | 1,786 | 2,359 | 0 | 0 | NM | 0 | 21 | 17 |
| West North Central | 12,200 | 12,596 | -3.1% | 12,038 | 12,424 | 1 | 1 | 6 | 6 | 155 | 164 |
| Iowa | 2,097 | 1,926 | 8.9% | 2,017 | 1,847 | 0 | 0 | 4 | 3 | 76 | 75 |
| Kansas | 1,352 | 1,645 | -18.0% | 1,352 | 1,645 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 1,722 | 1,515 | 14.0% | 1,687 | 1,473 | 0 | 0 | 0 | 0 | 35 | 41 |
| Missouri | 3,700 | 3,814 | -3.0% | 3,693 | 3,808 | 1 | 1 | 2 | 2 | 3 | 3 |
| Nebraska | 1,232 | 1,501 | -18.0% | 1,199 | 1,465 | 0 | 0 | 0 | 0 | 33 | 36 |
| North Dakota | 1,939 | 2,028 | -4.4% | 1,931 | 2,020 | 0 | 0 | 0 | 0 | 8 | 9 |
| South Dakota | 158 | 167 | -5.0% | 158 | 167 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 9,265 | 10,072 | -8.0% | 7,827 | 8,386 | 1,390 | 1,633 | 2 | 4 | 46 | 50 |
| Delaware | 7 | 55 | -88.0% | 0 | 0 | 7 | 55 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 1,872 | 1,650 | 13.0% | 1,858 | 1,623 | 11 | 23 | 0 | 0 | NM | 4 |
| Georgia | 1,368 | 2,003 | -32.0% | 1,361 | 1,995 | 0 | 0 | 0 | 0 | 7 | 9 |
| Maryland | 455 | 606 | -25.0% | 0 | 0 | 451 | 601 | NM | 2 | 3 | 3 |
| North Carolina | 1,199 | 1,351 | -11.0% | 1,168 | 1,289 | 28 | 55 | 1 | 2 | NM | 5 |
| South Carolina | 868 | 857 | 1.3% | 863 | 851 | 0 | 0 | 0 | 0 | 5 | 6 |
| Virginia | 780 | 915 | -15.0% | 752 | 867 | 23 | 39 | NM | 0 | 5 | 9 |
| West Virginia | 2,716 | 2,634 | 3.1% | 1,824 | 1,761 | 871 | 859 | 0 | 0 | 21 | 14 |
| East South Central | 6,719 | 7,185 | -6.5% | 6,442 | 6,881 | 253 | 278 | NM | 1 | 23 | 25 |
| Alabama | 1,704 | 1,963 | -13.0% | 1,700 | 1,958 | 0 | 0 | 0 | 0 | 4 | 5 |
| Kentucky | 3,469 | 3,578 | -3.0% | 3,469 | 3,578 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 376 | 507 | -26.0% | 123 | 229 | 253 | 278 | 0 | 0 | 0 | 0 |
| Tennessee | 1,170 | 1,137 | 2.9% | 1,150 | 1,116 | 0 | 0 | NM | 1 | 20 | 21 |
| West South Central | 11,201 | 14,045 | -20.0% | 5,845 | 6,997 | 5,348 | 7,032 | 0 | 0 | NM | 17 |
| Arkansas | 1,262 | 1,782 | -29.0% | 1,261 | 1,507 | 0 | 274 | 0 | 0 | 1 | 1 |
| Louisiana | 1,083 | 1,088 | -0.5% | 682 | 458 | 401 | 630 | 0 | 0 | 0 | 0 |
| Oklahoma | 1,433 | 1,755 | -18.0% | 1,331 | 1,597 | 94 | 142 | 0 | 0 | NM | 16 |
| Texas | 7,424 | 9,420 | -21.0% | 2,570 | 3,435 | 4,854 | 5,985 | 0 | 0 | 0 | 0 |
| Mountain | 9,305 | 9,629 | -3.4% | 8,248 | 8,717 | 1,035 | 889 | 0 | 0 | 22 | 23 |
| Arizona | 1,855 | 2,041 | -9.1% | 1,855 | 2,041 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 1,486 | 1,678 | -11.0% | 1,485 | 1,675 | NM | 2 | 0 | 0 | NM | 0 |
| Idaho | 2 | 3 | -36.0% | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 |
| Montana | 928 | 751 | 24.0% | NM | 27 | 904 | 723 | 0 | 0 | NM | 1 |
| Nevada | 177 | 276 | -36.0% | 115 | 198 | 62 | 78 | 0 | 0 | 0 | 0 |
| New Mexico | 1,207 | 982 | 23.0% | 1,207 | 982 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 1,355 | 1,431 | -5.3% | 1,323 | 1,389 | 32 | 42 | 0 | 0 | 0 | 0 |
| Wyoming | 2,295 | 2,467 | -7.0% | 2,240 | 2,405 | NM | 43 | 0 | 0 | 19 | 19 |
| Pacific Contiguous | 535 | 792 | -32.0% | 149 | 228 | 380 | 557 | 0 | 0 | 7 | 7 |
| California | 6 | 6 | -1.0% | 0 | 0 | NM | 0 | 0 | 0 | 6 | 6 |
| Oregon | 149 | 228 | -35.0% | 149 | 228 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 381 | 558 | -32.0% | 0 | 0 | 380 | 557 | 0 | 0 | 1 | 1 |
| Pacific Noncontiguous | 106 | 133 | -20.0% | 18 | 18 | 78 | 81 | 9 | 32 | NM | 2 |
| Alaska | 45 | 66 | -33.0% | 18 | 18 | 18 | 17 | 9 | 32 | 0 | 0 |
| Hawaii | 61 | 67 | -7.9% | 0 | 0 | 60 | 64 | 0 | 0 | NM | 2 |
| U.S. Total | 67,730 | 77,319 | -12.0% | 50,769 | 56,743 | 16,543 | 20,125 | 24 | 47 | 394 | 404 |

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values for 2014 are preliminary. Values for 2013 are final. 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 December 2014 and December 2013 (Thousand Tons)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 2,373 | 2,773 | -14.0% | 544 | 616 | 1,815 | 2,144 | 0 | 0 | 15 | 13 |
| Connecticut | 499 | 419 | 19.0% | 0 | 0 | 499 | 419 | 0 | 0 | 0 | 0 |
| Maine | 19 | 15 | 27.0% | 0 | 0 | 10 | 7 | 0 | 0 | 9 | 8 |
| Massachusetts | 1,311 | 1,723 | -24.0% | 0 | 0 | 1,305 | 1,718 | 0 | 0 | 6 | 5 |
| New Hampshire | 544 | 616 | -12.0% | 544 | 616 | 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 | 40,623 | 44,603 | -8.9% | NM | 1 | 40,321 | 44,361 | 7 | 6 | 286 | 236 |
| New Jersey | 1,078 | 854 | 26.0% | 0 | 0 | 1,078 | 854 | 0 | 0 | 0 | 0 |
| New York | 2,214 | 2,294 | -3.4% | NM | 1 | 2,139 | 2,224 | 0 | 0 | 67 | 69 |
| Pennsylvania | 37,331 | 41,456 | -10.0% | 0 | 0 | 37,105 | 41,284 | 7 | 6 | 219 | 167 |
| East North Central | 190,587 | 195,548 | -2.5% | 133,507 | 138,501 | 55,810 | 55,912 | 72 | 78 | 1,198 | 1,057 |
| Illinois | 52,236 | 52,610 | -0.7% | 5,765 | 6,261 | 45,798 | 45,735 | 20 | 19 | 653 | 595 |
| Indiana | 48,620 | 46,522 | 4.5% | 45,793 | 43,742 | 2,790 | 2,742 | 30 | 32 | 6 | 5 |
| Michigan | 29,614 | 31,855 | -7.0% | 29,118 | 31,434 | 246 | 203 | 19 | 22 | 231 | 196 |
| Ohio | 38,607 | 40,688 | -5.1% | 31,538 | 33,390 | 6,976 | 7,233 | 2 | 4 | 91 | 62 |
| Wisconsin | 21,509 | 23,874 | -9.9% | 21,293 | 23,674 | 0 | 0 | 1 | 1 | 216 | 199 |
| West North Central | 138,743 | 138,338 | 0.3% | 136,840 | 136,497 | 16 | 16 | 69 | 69 | 1,817 | 1,756 |
| Iowa | 20,770 | 20,421 | 1.7% | 19,834 | 19,517 | 0 | 0 | 45 | 39 | 890 | 864 |
| Kansas | 18,199 | 18,915 | -3.8% | 18,199 | 18,915 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 17,213 | 14,193 | 21.0% | 16,789 | 13,765 | 0 | 0 | 0 | 1 | 424 | 426 |
| Missouri | 43,135 | 44,405 | -2.9% | 43,062 | 44,333 | 16 | 16 | 24 | 28 | 33 | 28 |
| Nebraska | 15,418 | 16,191 | -4.8% | 15,038 | 15,829 | 0 | 0 | 0 | 0 | 379 | 361 |
| North Dakota | 22,229 | 22,366 | -0.6% | 22,137 | 22,289 | 0 | 0 | 0 | 0 | 91 | 76 |
| South Dakota | 1,780 | 1,847 | -3.6% | 1,780 | 1,847 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 126,212 | 117,662 | 7.3% | 105,209 | 96,964 | 20,380 | 20,167 | 20 | 21 | 603 | 509 |
| Delaware | 397 | 708 | -44.0% | 0 | 0 | 397 | 708 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 22,850 | 20,689 | 10.0% | 22,219 | 20,103 | 594 | 548 | 0 | 0 | 37 | 38 |
| Georgia | 22,757 | 20,737 | 9.7% | 22,660 | 20,633 | 0 | 0 | 0 | 0 | 97 | 103 |
| Maryland | 7,454 | 6,816 | 9.4% | 0 | 0 | 7,402 | 6,770 | 10 | 9 | 41 | 37 |
| North Carolina | 19,759 | 19,078 | 3.6% | 19,086 | 18,318 | 618 | 695 | 6 | 9 | 49 | 55 |
| South Carolina | 11,856 | 10,035 | 18.0% | 11,797 | 9,973 | 0 | 0 | 0 | 0 | 59 | 62 |
| Virginia | 9,284 | 9,555 | -2.8% | 8,606 | 9,049 | 576 | 399 | 4 | 3 | 97 | 103 |
| West Virginia | 31,856 | 30,044 | 6.0% | 20,841 | 18,888 | 10,792 | 11,046 | 0 | 0 | 222 | 110 |
| East South Central | 87,732 | 86,724 | 1.2% | 84,825 | 83,259 | 2,625 | 3,169 | 7 | 5 | 275 | 291 |
| Alabama | 23,919 | 24,448 | -2.2% | 23,873 | 24,400 | 0 | 0 | 0 | 0 | 46 | 48 |
| Kentucky | 39,124 | 39,475 | -0.9% | 39,124 | 39,475 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 6,550 | 5,867 | 12.0% | 3,925 | 2,698 | 2,625 | 3,169 | 0 | 0 | 0 | 0 |
| Tennessee | 18,139 | 16,935 | 7.1% | 17,903 | 16,686 | 0 | 0 | 7 | 5 | 229 | 243 |
| West South Central | 152,492 | 154,042 | -1.0% | 77,531 | 78,913 | 74,781 | 74,920 | 0 | 0 | 181 | 208 |
| Arkansas | 19,295 | 18,787 | 2.7% | 17,226 | 16,454 | 2,055 | 2,312 | 0 | 0 | 14 | 22 |
| Louisiana | 12,632 | 13,787 | -8.4% | 5,846 | 6,769 | 6,787 | 7,018 | 0 | 0 | 0 | 0 |
| Oklahoma | 18,907 | 18,980 | -0.4% | 17,517 | 17,596 | 1,224 | 1,198 | 0 | 0 | 167 | 186 |
| Texas | 101,658 | 102,487 | -0.8% | 36,942 | 38,095 | 64,715 | 64,392 | 0 | 0 | 0 | 0 |
| Mountain | 107,805 | 112,695 | -4.3% | 95,676 | 101,207 | 11,622 | 10,990 | 0 | 0 | 507 | 498 |
| Arizona | 22,911 | 23,298 | -1.7% | 22,911 | 23,298 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 17,769 | 18,695 | -5.0% | 17,740 | 18,661 | 25 | 29 | 0 | 0 | 4 | 5 |
| Idaho | 21 | 21 | -2.5% | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 21 |
| Montana | 10,319 | 9,570 | 7.8% | 264 | 292 | 10,045 | 9,270 | 0 | 0 | 10 | 8 |
| Nevada | 3,446 | 2,933 | 17.0% | 2,667 | 2,188 | 779 | 745 | 0 | 0 | 0 | 0 |
| New Mexico | 11,913 | 14,270 | -17.0% | 11,913 | 14,270 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 15,178 | 15,796 | -3.9% | 14,572 | 15,099 | 356 | 430 | 0 | 0 | 250 | 268 |
| Wyoming | 26,248 | 28,112 | -6.6% | 25,609 | 27,400 | 417 | 516 | 0 | 0 | 222 | 196 |
| Pacific Contiguous | 6,626 | 6,914 | -4.2% | 1,853 | 2,183 | 4,698 | 4,649 | 0 | 0 | 75 | 83 |
| California | 286 | 293 | -2.5% | 0 | 0 | 223 | 220 | 0 | 0 | 63 | 73 |
| Oregon | 1,853 | 2,183 | -15.0% | 1,853 | 2,183 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 4,486 | 4,438 | 1.1% | 0 | 0 | 4,475 | 4,429 | 0 | 0 | 12 | 10 |
| Pacific Noncontiguous | 1,224 | 1,430 | -14.0% | 180 | 185 | 929 | 890 | 94 | 334 | 20 | 21 |
| Alaska | 480 | 729 | -34.0% | 180 | 185 | 206 | 210 | 94 | 334 | 0 | 0 |
| Hawaii | 744 | 701 | 6.1% | 0 | 0 | 724 | 680 | 0 | 0 | 20 | 21 |
| U.S. Total | 854,416 | 860,729 | -0.7% | 636,173 | 638,327 | 212,998 | 217,219 | 269 | 513 | 4,976 | 4,670 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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, December 2014 and December 2013 (Thousand Barrels)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 63 | 560 | -89.0% | 11 | 55 | 42 | 481 | NM | 17 | NM | 6 |
| Connecticut | 17 | 139 | -88.0% | NM | 3 | 16 | 135 | NM | 1 | NM | 0 |
| Maine | NM | 91 | NM | NM | 0 | 5 | 85 | NM | 0 | NM | 5 |
| Massachusetts | 30 | 239 | -87.0% | 3 | 22 | 22 | 213 | NM | 5 | NM | 0 |
| New Hampshire | NM | 62 | NM | 4 | 21 | NM | 37 | NM | 4 | NM | 0 |
| Rhode Island | NM | 22 | NM | NM | 6 | 0 | 12 | NM | 4 | 0 | 0 |
| Vermont | NM | 7 | NM | NM | 3 | 0 | 0 | NM | 4 | 0 | 0 |
| Middle Atlantic | 145 | NM | NM | 20 | 49 | 111 | NM | NM | 2 | 11 | 12 |
| New Jersey | 23 | 9 | 159.0% | NM | 0 | 22 | 8 | NM | 0 | NM | 0 |
| New York | 56 | 74 | -24.0% | 20 | 49 | 26 | 16 | NM | 1 | 8 | 8 |
| Pennsylvania | 66 | NM | NM | NM | 0 | 63 | NM | NM | 1 | NM | 3 |
| East North Central | 93 | 95 | -2.0% | 74 | 82 | 17 | 11 | NM | 0 | 2 | 2 |
| Illinois | 12 | 7 | 68.0% | 4 | 4 | 8 | 3 | NM | 0 | 0 | 0 |
| Indiana | 21 | 27 | -22.0% | 19 | 26 | 0 | 0 | NM | 0 | 2 | 1 |
| Michigan | 20 | 24 | -18.0% | 19 | 23 | 0 | 0 | 0 | 0 | 0 | 1 |
| Ohio | 34 | 32 | 5.4% | 25 | 24 | 8 | 8 | NM | 0 | NM | 1 |
| Wisconsin | 7 | 5 | 29.0% | 6 | 5 | NM | 0 | NM | 0 | NM | 0 |
| West North Central | 48 | 100 | -52.0% | 47 | 95 | NM | 4 | NM | 1 | NM | 0 |
| Iowa | 4 | 37 | -89.0% | 4 | 37 | NM | 1 | NM | 0 | NM | 0 |
| Kansas | 10 | 18 | -44.0% | 10 | 18 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 6 | 17 | -62.0% | 6 | 12 | NM | 4 | NM | 0 | NM | 0 |
| Missouri | 18 | 15 | 13.0% | 17 | 15 | NM | 0 | NM | 0 | 0 | 0 |
| Nebraska | 5 | 5 | 1.2% | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 5 | 7 | -20.0% | 5 | 7 | 0 | 0 | NM | 0 | NM | 0 |
| South Dakota | NM | 2 | NM | NM | 2 | NM | 0 | NM | 0 | 0 | 0 |
| South Atlantic | 220 | 268 | -18.0% | 149 | 158 | 53 | 86 | NM | 16 | 7 | 8 |
| Delaware | 6 | 2 | 127.0% | NM | 0 | 5 | 2 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 41 | 67 | -38.0% | 40 | 64 | NM | 1 | 0 | 0 | 1 | 1 |
| Georgia | 20 | 12 | 67.0% | 18 | 9 | NM | 0 | NM | 0 | 2 | 3 |
| Maryland | 33 | 101 | -68.0% | 3 | 9 | 19 | 75 | NM | 16 | NM | 0 |
| North Carolina | 35 | 33 | 6.5% | 34 | 32 | NM | 1 | NM | 0 | NM | 0 |
| South Carolina | 14 | 11 | 34.0% | 10 | 8 | NM | 0 | NM | 0 | 2 | 2 |
| Virginia | 48 | 15 | 218.0% | 22 | 10 | 25 | 4 | NM | 0 | 1 | 1 |
| West Virginia | 23 | 28 | -18.0% | 22 | 25 | 1 | 3 | 0 | 0 | 0 | 0 |
| East South Central | 62 | 91 | -32.0% | 60 | 87 | NM | 0 | NM | 0 | NM | 5 |
| Alabama | 14 | 12 | 11.0% | 12 | 9 | NM | 0 | 0 | 0 | NM | 4 |
| Kentucky | 21 | 28 | -24.0% | 21 | 28 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 2 | 3 | -39.0% | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 25 | 48 | -48.0% | 25 | 47 | 0 | 0 | NM | 0 | NM | 1 |
| West South Central | 34 | 52 | -35.0% | 24 | 15 | 10 | 35 | NM | 0 | 1 | 2 |
| Arkansas | 8 | 9 | -10.0% | 7 | 8 | 0 | 1 | 0 | 0 | 0 | 0 |
| Louisiana | 11 | 8 | 39.0% | 3 | 1 | 7 | 5 | 0 | 0 | 0 | 1 |
| Oklahoma | NM | 4 | NM | 1 | 3 | 0 | 0 | NM | NM | NM | 0 |
| Texas | 15 | 32 | -54.0% | 12 | 2 | 3 | 29 | NM | 0 | NM | 1 |
| Mountain | 41 | 35 | 17.0% | 36 | 33 | NM | 2 | NM | 0 | NM | 0 |
| Arizona | 8 | 4 | 91.0% | 8 | 4 | 0 | 0 | NM | 0 | 0 | 0 |
| Colorado | NM | 3 | NM | NM | 3 | 0 | 0 | 0 | 0 | NM | 0 |
| Idaho | NM | 0 | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 4 | 1 | 193.0% | NM | 0 | 4 | 1 | 0 | 0 | 0 | 0 |
| Nevada | 1 | 3 | -57.0% | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | 11 | 15 | -29.0% | 10 | 14 | NM | 1 | 0 | 0 | NM | 0 |
| Utah | 4 | 1 | 278.0% | 3 | 1 | NM | 0 | 0 | 0 | NM | 0 |
| Wyoming | 8 | 7 | 20.0% | 8 | 7 | 0 | 0 | 0 | 0 | NM | 0 |
| Pacific Contiguous | 14 | 13 | 2.7% | 8 | 5 | NM | 5 | NM | 0 | 1 | 3 |
| California | 7 | 10 | -27.0% | 5 | 4 | NM | 4 | NM | 0 | NM | 2 |
| Oregon | 3 | 1 | 340.0% | 3 | 1 | 0 | 0 | NM | 0 | 0 | 0 |
| Washington | 4 | 3 | 33.0% | NM | 0 | 2 | 1 | NM | 0 | 1 | 2 |
| Pacific Noncontiguous | 950 | 1,038 | -8.4% | 852 | 894 | 81 | 124 | NM | 1 | 16 | 19 |
| Alaska | 114 | 146 | -22.0% | 108 | 138 | 0 | 0 | NM | 1 | 6 | 8 |
| Hawaii | 836 | 892 | -6.3% | 744 | 756 | 81 | 124 | 0 | 0 | 10 | 11 |
| U.S. Total | 1,669 | 2,416 | -31.0% | 1,280 | 1,473 | 324 | 848 | 23 | 38 | 41 | 57 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

**Table 2.8.B. Consumption of Petroleum Liquids for Electricity Generation by State, by Sector, Year-to-Date through December 2014 and December 2013 (Thousand Barrels)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 3,717 | 2,017 | 84.0% | 521 | 308 | 2,974 | 1,584 | 173 | 90 | 49 | 35 |
| Connecticut | 894 | 555 | 61.0% | NM | 11 | 862 | 535 | NM | 6 | NM | 2 |
| Maine | 525 | 461 | 14.0% | NM | 1 | 474 | 424 | NM | 6 | 40 | 30 |
| Massachusetts | 1,657 | 713 | 132.0% | 237 | 126 | 1,333 | 546 | 84 | 39 | NM | 2 |
| New Hampshire | 457 | 187 | 145.0% | 215 | 135 | 222 | 41 | 19 | 11 | NM | 0 |
| Rhode Island | 134 | 75 | 79.0% | 24 | 22 | 83 | 38 | 27 | 14 | 0 | 0 |
| Vermont | NM | 27 | NM | NM | 13 | 0 | 0 | NM | 14 | 0 | 0 |
| Middle Atlantic | 5,692 | 2,559 | 122.0% | 1,615 | 896 | 3,903 | 1,533 | 55 | 25 | 119 | 105 |
| New Jersey | 816 | 187 | 336.0% | NM | 1 | 802 | 180 | NM | 1 | NM | 4 |
| New York | 3,611 | 1,705 | 112.0% | 1,612 | 894 | 1,875 | 721 | 48 | 19 | 76 | 72 |
| Pennsylvania | 1,265 | 667 | 90.0% | NM | 1 | 1,225 | 632 | NM | 5 | NM | 29 |
| East North Central | 1,490 | 1,190 | 25.0% | 1,096 | 954 | 360 | 212 | NM | 4 | 29 | 20 |
| Illinois | 162 | 136 | 19.0% | 56 | 49 | 106 | 87 | NM | 0 | 0 | 0 |
| Indiana | 288 | 257 | 12.0% | 270 | 246 | 0 | 0 | NM | 1 | 17 | 9 |
| Michigan | 289 | 259 | 11.0% | 281 | 251 | 0 | 0 | 3 | 2 | 5 | 6 |
| Ohio | 635 | 466 | 36.0% | 383 | 342 | 246 | 121 | NM | 1 | 5 | 3 |
| Wisconsin | 115 | 72 | 60.0% | 105 | 66 | 9 | 5 | NM | 0 | 1 | 1 |
| West North Central | 749 | 684 | 9.5% | 716 | 666 | 26 | 11 | NM | 3 | 3 | 3 |
| Iowa | 125 | 184 | -32.0% | 122 | 181 | 3 | 3 | NM | 0 | NM | 0 |
| Kansas | 104 | 109 | -5.1% | 104 | 109 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 121 | 75 | 61.0% | 94 | 63 | 23 | 8 | NM | 2 | 2 | 2 |
| Missouri | 227 | 136 | 67.0% | 227 | 136 | NM | 0 | NM | 0 | 0 | 0 |
| Nebraska | 100 | 94 | 6.4% | 100 | 94 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 52 | 65 | -20.0% | 51 | 64 | 0 | 0 | NM | 0 | NM | 1 |
| South Dakota | 21 | 21 | -0.3% | 20 | 20 | NM | 1 | NM | 0 | 0 | 0 |
| South Atlantic | 6,607 | 3,046 | 117.0% | 4,406 | 2,241 | 1,786 | 507 | 313 | 190 | 103 | 107 |
| Delaware | 261 | 43 | 514.0% | NM | 0 | 260 | 42 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 1,021 | 866 | 18.0% | 991 | 836 | NM | 13 | 0 | 0 | 17 | 17 |
| Georgia | 391 | 172 | 128.0% | 239 | 127 | 115 | 3 | NM | 3 | 35 | 39 |
| Maryland | 1,199 | 544 | 120.0% | 50 | 41 | 840 | 317 | 308 | 185 | NM | 1 |
| North Carolina | 836 | 401 | 108.0% | 763 | 383 | 55 | 9 | NM | 0 | 18 | 10 |
| South Carolina | 530 | 208 | 154.0% | 470 | 180 | 39 | 8 | NM | 0 | 21 | 20 |
| Virginia | 2,085 | 542 | 284.0% | 1,651 | 409 | 420 | 111 | NM | 1 | 12 | 21 |
| West Virginia | 284 | 270 | 5.4% | 241 | 265 | 44 | 5 | 0 | 0 | 0 | 0 |
| East South Central | 860 | 650 | 32.0% | 793 | 608 | 24 | 2 | NM | 0 | 43 | 41 |
| Alabama | 218 | 143 | 53.0% | 153 | 107 | 24 | 2 | 0 | 0 | 41 | 34 |
| Kentucky | 256 | 227 | 13.0% | 256 | 227 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 32 | 25 | 27.0% | NM | 23 | 0 | 0 | 0 | 0 | 1 | 3 |
| Tennessee | 354 | 255 | 39.0% | 352 | 251 | 0 | 0 | NM | 0 | NM | 4 |
| West South Central | 365 | 369 | -1.2% | 177 | 137 | 170 | 205 | NM | 2 | 16 | 26 |
| Arkansas | 49 | 73 | -33.0% | 33 | 46 | 12 | 26 | 0 | 0 | 4 | 1 |
| Louisiana | 91 | 95 | -4.2% | 29 | 24 | 54 | 50 | 0 | 0 | 8 | 21 |
| Oklahoma | 22 | 19 | 16.0% | 21 | 18 | 0 | 0 | NM | NM | NM | 1 |
| Texas | 203 | 182 | 11.0% | 93 | 48 | 104 | 129 | NM | 2 | NM | 3 |
| Mountain | 453 | 406 | 11.0% | 404 | 365 | 49 | 40 | NM | 0 | NM | 1 |
| Arizona | 109 | 81 | 35.0% | 109 | 81 | 0 | 0 | NM | 0 | 0 | 0 |
| Colorado | 33 | 29 | 14.0% | 33 | 29 | 0 | 0 | NM | 0 | NM | 0 |
| Idaho | NM | 0 | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 43 | 33 | 31.0% | NM | 5 | 36 | 28 | 0 | 0 | 0 | 0 |
| Nevada | 29 | 35 | -16.0% | 25 | 28 | 4 | 6 | 0 | 0 | 0 | 0 |
| New Mexico | 126 | 110 | 14.0% | 118 | 106 | NM | 5 | 0 | 0 | NM | 0 |
| Utah | 43 | 46 | -4.5% | 42 | 44 | NM | 1 | 0 | 0 | NM | 0 |
| Wyoming | 70 | 73 | -4.2% | 69 | 72 | 0 | 0 | 0 | 0 | NM | 0 |
| Pacific Contiguous | 168 | 159 | 5.6% | 92 | 78 | 51 | 40 | NM | 3 | 21 | 38 |
| California | 104 | 95 | 9.4% | 62 | 59 | 34 | 23 | NM | 2 | 7 | 12 |
| Oregon | NM | 11 | NM | 18 | 10 | 0 | 0 | NM | 1 | 0 | 0 |
| Washington | 45 | 52 | -14.0% | NM | 8 | 17 | 17 | NM | 1 | 14 | 27 |
| Pacific Noncontiguous | 11,982 | 12,151 | -1.4% | 10,377 | 10,574 | 1,339 | 1,360 | 10 | 11 | 256 | 206 |
| Alaska | 1,398 | 1,386 | 0.9% | 1,309 | 1,307 | 0 | 0 | 5 | 6 | 84 | 74 |
| Hawaii | 10,585 | 10,765 | -1.7% | 9,068 | 9,267 | 1,339 | 1,360 | 6 | 5 | 172 | 133 |
| U.S. Total | 32,084 | 23,231 | 38.0% | 20,197 | 16,827 | 10,682 | 5,494 | 565 | 328 | 640 | 582 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

**Table 2.9.A. Consumption of Petroleum Coke for Electricity Generation by State, by Sector, December 2014 and December 2013 (Thousand Tons)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 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 | 6 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 6 |
| New Jersey | NM | 1 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 1 |
| New York | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pennsylvania | NM | 5 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 5 |
| East North Central | 102 | 145 | -30.0% | 52 | 88 | 44 | 52 | 0 | 0 | 7 | 6 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 25 | 43 | -43.0% | 25 | 43 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 30 | 45 | -32.0% | 26 | 39 | 1 | 3 | 0 | 0 | 3 | 2 |
| Ohio | 43 | 49 | -12.0% | 0 | 0 | 42 | 49 | 0 | 0 | 0 | 0 |
| Wisconsin | 5 | 8 | -46.0% | 1 | 5 | 0 | 0 | 0 | 0 | 3 | 3 |
| West North Central | 2 | 2 | -2.1% | 0 | 0 | 0 | 0 | 0 | 0 | NM | 2 |
| Iowa | 2 | 2 | -2.1% | 0 | 0 | 0 | 0 | 0 | 0 | NM | 2 |
| 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 | 56 | 29 | 94.0% | 53 | 26 | 0 | 0 | 0 | 0 | 3 | 3 |
| 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 | 53 | 26 | 105.0% | 53 | 26 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 3 | 3 | 4.5% | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 |
| 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 | 36 | 43 | -17.0% | 36 | 43 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 36 | 43 | -17.0% | 36 | 43 | 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 | 198 | 140 | 41.0% | 182 | 116 | 0 | 1 | 0 | 0 | 15 | 22 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 189 | 124 | 52.0% | 182 | 116 | 0 | 0 | 0 | 0 | 7 | 8 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 9 | 15 | -44.0% | 0 | 0 | 0 | 1 | 0 | 0 | 9 | 14 |
| Mountain | 16 | 16 | 1.3% | 0 | 0 | 16 | 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 | 16 | 16 | 1.3% | 0 | 0 | 16 | 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 | 0 | -- | 0 | 0 | NM | 0 | 0 | 0 | 0 | 0 |
| California | NM | 0 | -- | 0 | 0 | NM | 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 | 414 | 381 | 8.7% | 322 | 272 | 60 | 69 | 0 | 0 | 31 | 39 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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 December 2014 and December 2013 (Thousand Tons)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 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 | 45 | 54 | -16.0% | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 54 |
| New Jersey | NM | 6 | NM | 0 | 0 | 0 | 0 | 0 | 0 | NM | 6 |
| New York | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pennsylvania | 40 | 48 | -16.0% | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 48 |
| East North Central | 1,180 | 1,085 | 8.8% | 677 | 464 | 438 | 552 | 0 | 0 | 65 | 68 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 283 | 343 | -18.0% | 283 | 343 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 398 | 144 | 176.0% | 350 | 91 | 22 | 32 | 0 | 0 | 26 | 22 |
| Ohio | 418 | 523 | -20.0% | 0 | 0 | 416 | 520 | 0 | 0 | 2 | 3 |
| Wisconsin | 81 | 74 | 9.8% | 45 | 31 | 0 | 0 | 0 | 0 | 37 | 43 |
| West North Central | 22 | 30 | -26.0% | 0 | 0 | 0 | 0 | 2 | 1 | 20 | 28 |
| Iowa | 22 | 30 | -26.0% | 0 | 0 | 0 | 0 | 2 | 1 | 20 | 28 |
| 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 | 527 | 793 | -33.0% | 494 | 757 | 0 | 0 | 0 | 0 | 33 | 36 |
| Delaware | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 494 | 757 | -35.0% | 494 | 757 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 33 | 36 | -7.9% | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 36 |
| Maryland | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Carolina | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Carolina | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 401 | 499 | -20.0% | 401 | 499 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 401 | 499 | -20.0% | 401 | 499 | 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 | 1,989 | 2,211 | -10.0% | 1,783 | 1,689 | 0 | 47 | 0 | 0 | 206 | 476 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 1,867 | 1,796 | 4.0% | 1,783 | 1,689 | 0 | 0 | 0 | 0 | 84 | 107 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 122 | 415 | -71.0% | 0 | 0 | 0 | 47 | 0 | 0 | 122 | 369 |
| Mountain | 153 | 172 | -11.0% | 0 | 0 | 153 | 172 | 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 | 153 | 172 | -11.0% | 0 | 0 | 153 | 172 | 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 | 7 | 9 | -21.0% | 0 | 0 | 7 | 9 | 0 | 0 | 0 | 0 |
| California | 7 | 9 | -21.0% | 0 | 0 | 7 | 9 | 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 | 4,325 | 4,852 | -11.0% | 3,356 | 3,409 | 598 | 779 | 2 | 1 | 369 | 662 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

**Table 2.10.A. Consumption of Natural Gas for Electricity Generation by State, by Sector, December 2014 and December 2013 (Million Cubic Feet)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 25,505 | 23,943 | 6.5% | 145 | 128 | 23,922 | 21,123 | 644 | 666 | 794 | 2,026 |
| Connecticut | 10,316 | 8,601 | 20.0% | 4 | 29 | 9,604 | 7,881 | NM | 221 | NM | 470 |
| Maine | 1,902 | 3,916 | -51.0% | 0 | 0 | 1,643 | 2,383 | NM | 37 | 233 | 1,496 |
| Massachusetts | 7,307 | 6,903 | 5.9% | 104 | 94 | 6,790 | 6,382 | 324 | 378 | NM | 50 |
| New Hampshire | 3,068 | 2,438 | 26.0% | 33 | 0 | 3,008 | 2,412 | NM | 15 | NM | 11 |
| Rhode Island | 2,906 | 2,080 | 40.0% | 0 | 0 | 2,877 | 2,065 | NM | NM | 0 | 0 |
| Vermont | 4 | 4 | 0.3% | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 88,490 | 82,660 | 7.1% | 10,055 | 10,408 | 76,626 | 70,423 | 860 | 858 | 949 | 971 |
| New Jersey | 20,346 | 16,438 | 24.0% | NM | 28 | 19,868 | 15,978 | NM | 131 | NM | 300 |
| New York | 34,815 | 36,435 | -4.4% | 10,032 | 10,377 | 23,989 | 25,285 | 641 | 621 | NM | 151 |
| Pennsylvania | 33,329 | 29,787 | 12.0% | 0 | 2 | 32,769 | 29,159 | NM | 106 | 467 | 519 |
| East North Central | 40,167 | 35,374 | 14.0% | 15,959 | 14,317 | 22,342 | 19,177 | 883 | 876 | 983 | 1,004 |
| Illinois | 3,497 | 2,549 | 37.0% | 57 | 186 | 2,813 | 1,787 | 420 | 403 | NM | 174 |
| Indiana | 6,887 | 6,445 | 6.9% | 5,103 | 4,706 | 1,459 | 1,453 | NM | 35 | 297 | 252 |
| Michigan | 7,215 | 8,818 | -18.0% | 1,813 | 2,210 | 4,768 | 5,854 | 237 | 280 | 398 | 474 |
| Ohio | 17,340 | 13,432 | 29.0% | 6,361 | 4,997 | 10,785 | 8,275 | NM | 108 | NM | 52 |
| Wisconsin | 5,227 | 4,130 | 27.0% | 2,625 | 2,220 | 2,517 | 1,808 | 42 | 49 | 43 | 53 |
| West North Central | 9,231 | 12,165 | -24.0% | 8,077 | 10,659 | 737 | 894 | 179 | 375 | 239 | 237 |
| Iowa | 1,415 | 1,239 | 14.0% | 1,333 | 1,067 | 0 | 0 | NM | 48 | 52 | 124 |
| Kansas | 1,186 | 1,327 | -11.0% | 1,097 | 1,283 | 0 | 0 | 0 | 0 | 88 | 45 |
| Minnesota | 3,422 | 5,004 | -32.0% | 3,105 | 3,910 | 89 | 738 | 149 | 299 | 79 | 56 |
| Missouri | 2,384 | 3,241 | -26.0% | 1,730 | 3,052 | 649 | 156 | 0 | 28 | NM | 6 |
| Nebraska | 278 | 241 | 15.0% | 270 | 241 | 0 | 0 | NM | 0 | NM | 0 |
| North Dakota | NM | 149 | NM | 6 | 142 | 0 | 0 | 0 | 0 | NM | 7 |
| South Dakota | 535 | 963 | -44.0% | 535 | 963 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 142,232 | 133,942 | 6.2% | 114,813 | 113,923 | 24,933 | 17,506 | NM | 456 | 2,069 | 2,057 |
| Delaware | 4,815 | 3,304 | 46.0% | NM | 15 | 3,946 | 2,641 | 0 | 0 | 863 | 647 |
| District of Columbia | NM | 66 | NM | 0 | 0 | 0 | 0 | NM | 66 | 0 | 0 |
| Florida | 71,975 | 72,000 | 0.0% | 67,615 | 68,343 | 3,590 | 2,871 | NM | 12 | 754 | 774 |
| Georgia | 24,337 | 18,662 | 30.0% | 19,317 | 16,567 | 4,793 | 1,773 | 0 | 0 | 227 | 322 |
| Maryland | 1,411 | 2,640 | -47.0% | 0 | 0 | 1,076 | 2,253 | NM | 365 | NM | 23 |
| North Carolina | 21,254 | 19,006 | 12.0% | 14,089 | 17,290 | 7,105 | 1,652 | 1 | 7 | 58 | 58 |
| South Carolina | 5,980 | 5,187 | 15.0% | 5,554 | 5,032 | 409 | 66 | NM | 4 | 11 | 85 |
| Virginia | 12,151 | 12,942 | -6.1% | 8,186 | 6,645 | 3,830 | 6,146 | NM | 2 | 132 | 148 |
| West Virginia | 233 | 136 | 71.0% | 45 | 32 | 184 | 104 | 0 | 0 | NM | 0 |
| East South Central | 57,562 | 50,260 | 15.0% | 30,636 | 30,935 | 24,479 | 17,114 | NM | 96 | 2,309 | 2,115 |
| Alabama | 31,288 | 28,034 | 12.0% | 9,577 | 10,453 | 21,034 | 16,878 | 0 | 0 | 678 | 703 |
| Kentucky | 1,504 | 625 | 141.0% | 1,287 | 504 | 76 | 48 | 0 | 0 | NM | 73 |
| Mississippi | 21,414 | 19,221 | 11.0% | 16,633 | 17,721 | 3,369 | 188 | NM | 9 | 1,403 | 1,303 |
| Tennessee | 3,355 | 2,380 | 41.0% | 3,139 | 2,256 | 0 | 0 | NM | 88 | 87 | 37 |
| West South Central | 172,301 | 194,383 | -11.0% | 45,374 | 62,929 | 86,287 | 90,015 | 670 | 693 | 39,971 | 40,746 |
| Arkansas | 4,996 | 6,382 | -22.0% | 1,867 | 2,302 | 2,954 | 3,886 | NM | 1 | 174 | 193 |
| Louisiana | 34,442 | 40,603 | -15.0% | 13,349 | 20,202 | 3,679 | 2,370 | NM | 181 | 17,246 | 17,849 |
| Oklahoma | 16,113 | 21,961 | -27.0% | 11,628 | 16,618 | 4,432 | 5,293 | NM | 0 | 41 | 51 |
| Texas | 116,749 | 125,437 | -6.9% | 18,530 | 23,807 | 75,221 | 78,467 | 489 | 511 | 22,510 | 22,653 |
| Mountain | 45,815 | 59,386 | -23.0% | 31,428 | 38,136 | 13,280 | 19,563 | 337 | 371 | 770 | 1,316 |
| Arizona | 9,718 | 18,628 | -48.0% | 4,410 | 8,087 | 5,189 | 10,418 | NM | 123 | 0 | 0 |
| Colorado | 8,732 | 8,823 | -1.0% | 4,916 | 5,858 | 3,802 | 2,933 | 5 | 10 | NM | 21 |
| Idaho | 1,142 | 3,258 | -65.0% | 343 | 1,841 | 757 | 1,354 | 0 | 0 | 41 | 63 |
| Montana | NM | 918 | NM | NM | 801 | NM | 117 | 0 | 0 | 0 | 0 |
| Nevada | 13,805 | 14,846 | -7.0% | 11,629 | 13,078 | 1,937 | 1,530 | NM | 58 | 179 | 180 |
| New Mexico | 6,489 | 6,382 | 1.7% | 5,136 | 3,979 | 1,275 | 2,319 | NM | 84 | 0 | 0 |
| Utah | 5,065 | 6,193 | -18.0% | 4,471 | 4,458 | NM | 871 | NM | 97 | 281 | 768 |
| Wyoming | 286 | 339 | -16.0% | NM | 34 | NM | 21 | 0 | 0 | 260 | 284 |
| Pacific Contiguous | 82,848 | 109,290 | -24.0% | 31,893 | 39,078 | 43,534 | 61,523 | 1,196 | 1,405 | 6,226 | 7,284 |
| California | 67,939 | 85,695 | -21.0% | 22,677 | 24,511 | 37,978 | 52,669 | 1,138 | 1,294 | 6,147 | 7,221 |
| Oregon | 8,541 | 12,594 | -32.0% | 3,417 | 5,205 | 5,032 | 7,260 | NM | 100 | 39 | 29 |
| Washington | 6,368 | 11,001 | -42.0% | 5,799 | 9,362 | 524 | 1,594 | NM | 11 | 39 | 34 |
| Pacific Noncontiguous | 2,718 | 3,359 | -19.0% | 2,655 | 3,255 | 0 | 0 | NM | 20 | NM | 84 |
| Alaska | 2,718 | 3,359 | -19.0% | 2,655 | 3,255 | 0 | 0 | NM | 20 | NM | 84 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 666,868 | 704,762 | -5.4% | 291,034 | 323,768 | 316,139 | 317,338 | 5,327 | 5,817 | 54,369 | 57,840 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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 December 2014 and December 2013 (Million Cubic Feet)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 353,619 | 388,323 | -8.9% | 3,601 | 2,587 | 328,061 | 354,489 | 7,737 | 8,407 | 14,221 | 22,839 |
| Connecticut | 108,011 | 115,211 | -6.2% | 121 | 114 | 99,040 | 106,231 | 2,998 | 2,986 | 5,851 | 5,880 |
| Maine | 31,142 | 36,922 | -16.0% | 0 | 0 | 23,853 | 20,904 | NM | 349 | 6,983 | 15,670 |
| Massachusetts | 137,580 | 159,436 | -14.0% | 3,021 | 2,074 | 129,498 | 151,703 | 3,805 | 4,503 | 1,255 | 1,156 |
| New Hampshire | 31,553 | 29,966 | 5.3% | 423 | 355 | 30,816 | 29,289 | NM | 188 | NM | 134 |
| Rhode Island | 45,297 | 46,743 | -3.1% | 0 | 0 | 44,852 | 46,362 | 445 | 381 | 0 | 0 |
| Vermont | 36 | 44 | -18.0% | 36 | 44 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 1,066,163 | 1,014,727 | 5.1% | 115,698 | 127,285 | 929,679 | 866,210 | 9,634 | 9,634 | 11,152 | 11,598 |
| New Jersey | 236,333 | 209,799 | 13.0% | NM | 358 | 230,577 | 203,823 | 1,597 | 1,867 | 3,774 | 3,750 |
| New York | 444,836 | 448,127 | -0.7% | 115,273 | 126,900 | 320,973 | 312,882 | 6,776 | 6,542 | 1,813 | 1,802 |
| Pennsylvania | 384,994 | 356,802 | 7.9% | NM | 27 | 378,129 | 349,506 | 1,260 | 1,224 | 5,564 | 6,046 |
| East North Central | 454,853 | 462,070 | -1.6% | 169,795 | 190,971 | 262,763 | 248,720 | 10,630 | 10,844 | 11,666 | 11,536 |
| Illinois | 45,654 | 55,230 | -17.0% | 3,821 | 5,279 | 34,305 | 42,757 | 4,895 | 4,690 | 2,634 | 2,504 |
| Indiana | 76,145 | 76,626 | -0.6% | 53,151 | 53,291 | 19,091 | 19,676 | 385 | 352 | 3,519 | 3,308 |
| Michigan | 96,943 | 106,990 | -9.4% | 25,741 | 27,553 | 64,101 | 71,661 | 2,679 | 3,028 | 4,423 | 4,748 |
| Ohio | 176,185 | 161,863 | 8.8% | 57,486 | 72,085 | 116,009 | 87,171 | 2,128 | 2,166 | 562 | 440 |
| Wisconsin | 59,925 | 61,361 | -2.3% | 29,597 | 32,762 | 29,257 | 27,454 | 543 | 608 | 529 | 536 |
| West North Central | 107,342 | 135,310 | -21.0% | 89,580 | 113,907 | 12,572 | 15,780 | 2,819 | 3,312 | 2,372 | 2,312 |
| Iowa | 12,089 | 13,239 | -8.7% | 11,035 | 12,070 | NM | 0 | 367 | 426 | 687 | 743 |
| Kansas | 21,717 | 24,124 | -10.0% | 20,674 | 23,268 | 0 | 0 | 0 | 0 | 1,043 | 856 |
| Minnesota | 31,224 | 51,573 | -39.0% | 24,845 | 40,589 | 4,161 | 8,325 | 1,755 | 2,087 | 462 | 573 |
| Missouri | 34,847 | 37,283 | -6.5% | 25,664 | 28,968 | 8,410 | 7,455 | 696 | 799 | NM | 61 |
| Nebraska | 4,165 | 4,605 | -9.6% | 4,132 | 4,604 | 0 | 0 | NM | 1 | NM | 0 |
| North Dakota | 111 | 414 | -73.0% | 40 | 337 | 0 | 0 | 0 | 0 | 70 | 78 |
| South Dakota | 3,189 | 4,071 | -22.0% | 3,189 | 4,071 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 1,879,246 | 1,871,068 | 0.4% | 1,493,258 | 1,537,482 | 358,380 | 302,358 | 5,250 | 5,224 | 22,359 | 26,005 |
| Delaware | 53,184 | 51,434 | 3.4% | NM | 229 | 45,268 | 41,227 | 0 | 0 | 7,657 | 9,978 |
| District of Columbia | 880 | 900 | -2.2% | 0 | 0 | 0 | 0 | 880 | 900 | 0 | 0 |
| Florida | 1,050,210 | 1,040,363 | 0.9% | 975,419 | 955,851 | 65,317 | 74,874 | 199 | 174 | 9,275 | 9,464 |
| Georgia | 291,839 | 283,295 | 3.0% | 207,859 | 216,505 | 81,601 | 62,879 | 0 | 0 | 2,379 | 3,911 |
| Maryland | 23,919 | 27,549 | -13.0% | 0 | 0 | 19,575 | 23,236 | 4,053 | 4,020 | 291 | 292 |
| North Carolina | 207,246 | 202,035 | 2.6% | 140,040 | 179,920 | 66,186 | 21,569 | 3 | 33 | 1,018 | 513 |
| South Carolina | 85,833 | 90,653 | -5.3% | 75,808 | 79,389 | 9,704 | 10,518 | NM | 67 | 243 | 679 |
| Virginia | 159,343 | 172,002 | -7.4% | 91,989 | 105,103 | 65,858 | 65,701 | 37 | 30 | 1,459 | 1,167 |
| West Virginia | 6,791 | 2,838 | 139.0% | 1,881 | 484 | 4,872 | 2,354 | 0 | 0 | NM | 0 |
| East South Central | 665,314 | 645,019 | 3.1% | 358,409 | 380,637 | 279,494 | 237,438 | 1,561 | 1,566 | 25,849 | 25,378 |
| Alabama | 352,223 | 341,316 | 3.2% | 108,256 | 109,084 | 235,799 | 223,568 | 0 | 0 | 8,168 | 8,664 |
| Kentucky | 28,458 | 16,077 | 77.0% | 25,317 | 12,350 | 1,602 | 2,186 | 0 | 0 | 1,539 | 1,541 |
| Mississippi | 237,381 | 249,151 | -4.7% | 179,818 | 222,590 | 42,093 | 11,684 | 106 | 108 | 15,364 | 14,769 |
| Tennessee | 47,252 | 38,475 | 23.0% | 45,019 | 36,613 | 0 | 0 | 1,455 | 1,458 | 778 | 404 |
| West South Central | 2,278,633 | 2,333,083 | -2.3% | 689,116 | 789,831 | 1,142,231 | 1,083,107 | 8,099 | 8,154 | 439,187 | 451,991 |
| Arkansas | 68,211 | 88,619 | -23.0% | 15,576 | 34,000 | 50,867 | 52,902 | NM | 11 | 1,756 | 1,707 |
| Louisiana | 468,844 | 458,282 | 2.3% | 210,100 | 239,746 | 73,068 | 21,652 | 1,851 | 1,978 | 183,825 | 194,906 |
| Oklahoma | 208,546 | 247,998 | -16.0% | 142,226 | 188,711 | 65,672 | 58,749 | 150 | 64 | 497 | 475 |
| Texas | 1,533,033 | 1,538,184 | -0.3% | 321,213 | 327,374 | 952,625 | 949,804 | 6,086 | 6,101 | 253,109 | 254,905 |
| Mountain | 636,236 | 659,072 | -3.5% | 398,432 | 416,867 | 225,283 | 225,026 | 3,957 | 4,097 | 8,564 | 13,082 |
| Arizona | 207,745 | 224,151 | -7.3% | 91,585 | 91,603 | 114,775 | 131,088 | 1,385 | 1,460 | 0 | 0 |
| Colorado | 96,588 | 87,650 | 10.0% | 55,139 | 63,200 | 41,274 | 24,182 | 52 | 52 | 124 | 217 |
| Idaho | 17,759 | 24,885 | -29.0% | 8,841 | 12,464 | 8,615 | 11,985 | 0 | 0 | 303 | 436 |
| Montana | 6,421 | 7,273 | -12.0% | 5,606 | 6,348 | 816 | 925 | 0 | 0 | 0 | 0 |
| Nevada | 167,796 | 180,669 | -7.1% | 131,458 | 153,922 | 33,740 | 23,886 | 716 | 695 | 1,881 | 2,166 |
| New Mexico | 73,835 | 73,209 | 0.9% | 51,305 | 47,697 | 21,618 | 24,497 | 905 | 976 | NM | 40 |
| Utah | 62,893 | 57,911 | 8.6% | 54,191 | 41,294 | 4,291 | 8,267 | 899 | 916 | 3,512 | 7,434 |
| Wyoming | 3,199 | 3,324 | -3.7% | NM | 338 | NM | 197 | 0 | 0 | 2,737 | 2,789 |
| Pacific Contiguous | 1,030,405 | 1,052,826 | -2.1% | 375,503 | 376,937 | 568,361 | 584,003 | 14,069 | 15,295 | 72,472 | 76,590 |
| California | 859,854 | 867,611 | -0.9% | 269,179 | 267,749 | 505,467 | 509,639 | 13,341 | 14,400 | 71,867 | 75,823 |
| Oregon | 89,670 | 102,013 | -12.0% | 34,539 | 36,429 | 54,177 | 64,421 | 657 | 813 | 298 | 350 |
| Washington | 80,881 | 83,202 | -2.8% | 71,785 | 72,759 | 8,717 | 9,943 | 72 | 82 | 308 | 417 |
| Pacific Noncontiguous | 31,153 | 34,801 | -10.0% | 30,444 | 33,944 | 0 | 0 | NM | 37 | 667 | 821 |
| Alaska | 31,153 | 34,801 | -10.0% | 30,444 | 33,944 | 0 | 0 | NM | 37 | 667 | 821 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 8,502,964 | 8,596,299 | -1.1% | 3,723,837 | 3,970,447 | 4,106,823 | 3,917,131 | 63,797 | 66,570 | 608,507 | 642,152 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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, December 2014 and December 2013 (Million Cubic Feet)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 1,149 | 835 | 38.0% | 0 | 0 | 1,062 | 780 | NM | 55 | 0 | 0 |
| Connecticut | NM | 45 | NM | 0 | 0 | NM | 45 | 0 | 0 | 0 | 0 |
| Maine | NM | 68 | NM | 0 | 0 | NM | 68 | 0 | 0 | 0 | 0 |
| Massachusetts | 368 | 354 | 3.9% | 0 | 0 | 368 | 354 | 0 | 0 | 0 | 0 |
| New Hampshire | 203 | 141 | 44.0% | 0 | 0 | NM | 87 | NM | 55 | 0 | 0 |
| Rhode Island | 383 | 169 | 126.0% | 0 | 0 | 383 | 169 | 0 | 0 | 0 | 0 |
| Vermont | NM | 57 | NM | 0 | 0 | NM | 57 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 5,222 | 5,015 | 4.1% | 0 | 0 | 5,071 | 4,849 | NM | 44 | 125 | 123 |
| New Jersey | 944 | 919 | 2.7% | 0 | 0 | 944 | 897 | 0 | 22 | 0 | 0 |
| New York | 1,708 | 1,448 | 18.0% | 0 | 0 | 1,708 | 1,448 | 0 | 0 | 0 | 0 |
| Pennsylvania | 2,571 | 2,648 | -2.9% | 0 | 0 | 2,420 | 2,504 | NM | 22 | 125 | 123 |
| East North Central | 6,639 | 5,584 | 19.0% | 798 | 606 | 5,793 | 4,948 | NM | 4 | NM | 25 |
| Illinois | 1,598 | 1,369 | 17.0% | 0 | 0 | 1,598 | 1,369 | 0 | 0 | 0 | 0 |
| Indiana | 795 | 597 | 33.0% | 755 | 571 | 0 | 0 | 0 | 0 | NM | 25 |
| Michigan | 2,022 | 1,673 | 21.0% | 0 | 0 | 2,022 | 1,673 | 0 | 0 | 0 | 0 |
| Ohio | 1,046 | 1,068 | -2.1% | NM | 23 | 1,019 | 1,045 | 0 | 0 | 0 | 0 |
| Wisconsin | 1,179 | 878 | 34.0% | NM | 12 | 1,155 | 862 | NM | 4 | 0 | 0 |
| West North Central | 1,015 | 850 | 19.0% | 322 | 235 | 693 | 615 | 0 | 0 | 0 | 0 |
| Iowa | 206 | 195 | 5.6% | 0 | 0 | 206 | 195 | 0 | 0 | 0 | 0 |
| Kansas | NM | 134 | NM | 0 | 0 | NM | 134 | 0 | 0 | 0 | 0 |
| Minnesota | 365 | 315 | 16.0% | NM | 61 | 276 | 253 | 0 | 0 | 0 | 0 |
| Missouri | NM | 107 | NM | NM | 75 | NM | 32 | 0 | 0 | 0 | 0 |
| Nebraska | NM | 98 | NM | NM | 98 | 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 | 4,197 | 3,412 | 23.0% | 538 | 513 | 2,991 | 2,371 | 357 | 223 | 311 | 305 |
| Delaware | NM | 122 | NM | 0 | 0 | NM | 122 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 685 | 858 | -20.0% | 176 | 176 | 509 | 644 | 0 | 0 | 0 | 38 |
| Georgia | 365 | 329 | 11.0% | 0 | 0 | 236 | 224 | NM | 41 | NM | 63 |
| Maryland | 362 | 276 | 31.0% | 0 | 0 | NM | 146 | 175 | 130 | 0 | 0 |
| North Carolina | 834 | 286 | 192.0% | 0 | 0 | 729 | 254 | NM | 32 | 0 | 0 |
| South Carolina | 616 | 560 | 10.0% | 352 | 329 | NM | 28 | 0 | 0 | 232 | 203 |
| Virginia | 1,200 | 973 | 23.0% | NM | 9 | 1,162 | 943 | NM | 21 | 0 | 0 |
| West Virginia | NM | 8 | NM | 0 | 0 | NM | 8 | 0 | 0 | 0 | 0 |
| East South Central | 457 | 317 | 44.0% | 242 | 132 | 215 | 185 | 0 | 0 | 0 | 0 |
| Alabama | NM | 4 | NM | 0 | 0 | NM | 4 | 0 | 0 | 0 | 0 |
| Kentucky | 242 | 132 | 83.0% | 242 | 132 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | NM | 11 | NM | 0 | 0 | NM | 11 | 0 | 0 | 0 | 0 |
| Tennessee | NM | 169 | NM | 0 | 0 | NM | 169 | 0 | 0 | 0 | 0 |
| West South Central | 1,594 | 1,458 | 9.3% | 0 | 0 | 1,523 | 1,402 | NM | 57 | 0 | 0 |
| Arkansas | NM | 129 | NM | 0 | 0 | NM | 129 | 0 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 41 | -100.0% | 0 | 0 | 0 | 41 | 0 | 0 | 0 | 0 |
| Texas | 1,444 | 1,289 | 12.0% | 0 | 0 | 1,373 | 1,232 | NM | 57 | 0 | 0 |
| Mountain | 529 | 506 | 4.5% | NM | 97 | 421 | 409 | 0 | 0 | 0 | 0 |
| Arizona | NM | 149 | NM | NM | 76 | NM | 73 | 0 | 0 | 0 | 0 |
| Colorado | NM | 125 | NM | 0 | 0 | NM | 125 | 0 | 0 | 0 | 0 |
| Idaho | NM | 65 | NM | NM | 21 | NM | 44 | 0 | 0 | 0 | 0 |
| Montana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | NM | 49 | NM | 0 | 0 | NM | 49 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | NM | 118 | NM | 0 | 0 | NM | 118 | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 5,669 | 5,521 | 2.7% | 789 | 658 | 3,071 | 2,883 | 1,809 | 1,980 | 0 | 0 |
| California | 4,746 | 4,762 | -0.3% | 280 | 274 | 2,710 | 2,552 | 1,757 | 1,937 | 0 | 0 |
| Oregon | 499 | 438 | 14.0% | NM | 114 | 319 | 280 | NM | 44 | 0 | 0 |
| Washington | 424 | 321 | 32.0% | 382 | 270 | NM | 51 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | NM | 79 | NM | 0 | 0 | 0 | 0 | NM | 79 | 0 | 0 |
| Alaska | NM | 79 | NM | 0 | 0 | 0 | 0 | NM | 79 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 26,580 | 23,576 | 13.0% | 2,798 | 2,241 | 20,841 | 18,441 | 2,466 | 2,441 | 476 | 453 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. 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 December 2014 and December 2013 (Million Cubic Feet)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 13,235 | 8,911 | 49.0% | 0 | 0 | 12,196 | 8,201 | 1,040 | 711 | 0 | 0 |
| Connecticut | 684 | 549 | 25.0% | 0 | 0 | 684 | 549 | 0 | 0 | 0 | 0 |
| Maine | 984 | 829 | 19.0% | 0 | 0 | 984 | 829 | 0 | 0 | 0 | 0 |
| Massachusetts | 4,460 | 4,087 | 9.1% | 0 | 0 | 4,460 | 4,087 | 0 | 0 | 0 | 0 |
| New Hampshire | 2,417 | 1,839 | 31.0% | 0 | 0 | 1,377 | 1,128 | 1,040 | 711 | 0 | 0 |
| Rhode Island | 4,015 | 956 | 320.0% | 0 | 0 | 4,015 | 956 | 0 | 0 | 0 | 0 |
| Vermont | 675 | 652 | 3.6% | 0 | 0 | 675 | 652 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 60,975 | 55,992 | 8.9% | 0 | 0 | 59,268 | 54,345 | 254 | 302 | 1,453 | 1,344 |
| New Jersey | 11,332 | 10,110 | 12.0% | 0 | 0 | 11,332 | 10,047 | 0 | 64 | 0 | 0 |
| New York | 20,705 | 16,851 | 23.0% | 0 | 0 | 20,705 | 16,851 | 0 | 0 | 0 | 0 |
| Pennsylvania | 28,938 | 29,031 | -0.3% | 0 | 0 | 27,232 | 27,448 | 254 | 238 | 1,453 | 1,344 |
| East North Central | 80,058 | 66,326 | 21.0% | 9,615 | 7,415 | 70,005 | 58,169 | 70 | 433 | 368 | 309 |
| Illinois | 19,193 | 15,444 | 24.0% | 0 | 0 | 19,193 | 15,444 | 0 | 0 | 0 | 0 |
| Indiana | 9,517 | 7,322 | 30.0% | 9,149 | 7,014 | 0 | 0 | 0 | 0 | 368 | 309 |
| Michigan | 24,617 | 20,603 | 19.0% | 0 | 0 | 24,617 | 20,603 | 0 | 0 | 0 | 0 |
| Ohio | 12,631 | 11,080 | 14.0% | 293 | 242 | 12,339 | 10,838 | 0 | 0 | 0 | 0 |
| Wisconsin | 14,099 | 11,877 | 19.0% | 173 | 159 | 13,857 | 11,285 | 70 | 433 | 0 | 0 |
| West North Central | 12,087 | 9,945 | 22.0% | 3,698 | 3,034 | 8,389 | 6,911 | 0 | 0 | 0 | 0 |
| Iowa | 2,473 | 1,989 | 24.0% | 0 | 0 | 2,473 | 1,989 | 0 | 0 | 0 | 0 |
| Kansas | 2,044 | 1,636 | 25.0% | 0 | 0 | 2,044 | 1,636 | 0 | 0 | 0 | 0 |
| Minnesota | 4,348 | 3,605 | 21.0% | 993 | 769 | 3,354 | 2,836 | 0 | 0 | 0 | 0 |
| Missouri | 1,742 | 1,519 | 15.0% | 1,224 | 1,069 | 518 | 450 | 0 | 0 | 0 | 0 |
| Nebraska | 1,481 | 1,197 | 24.0% | 1,481 | 1,197 | 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 | 48,864 | 42,409 | 15.0% | 6,270 | 5,439 | 35,625 | 30,635 | 3,694 | 3,364 | 3,275 | 2,970 |
| Delaware | 1,530 | 1,288 | 19.0% | 0 | 0 | 1,530 | 1,288 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 8,035 | 8,541 | -5.9% | 1,977 | 1,861 | 6,058 | 6,550 | 0 | 0 | 0 | 130 |
| Georgia | 4,185 | 3,494 | 20.0% | 0 | 0 | 2,859 | 2,359 | 513 | 445 | 813 | 690 |
| Maryland | 4,101 | 3,676 | 12.0% | 0 | 0 | 2,221 | 1,960 | 1,879 | 1,716 | 0 | 0 |
| North Carolina | 9,856 | 8,118 | 21.0% | 0 | 0 | 8,837 | 7,158 | 1,019 | 960 | 0 | 0 |
| South Carolina | 7,013 | 5,928 | 18.0% | 4,174 | 3,479 | 377 | 298 | 0 | 0 | 2,462 | 2,151 |
| Virginia | 14,037 | 11,275 | 24.0% | 119 | 99 | 13,634 | 10,933 | 284 | 244 | 0 | 0 |
| West Virginia | 108 | 89 | 21.0% | 0 | 0 | 108 | 89 | 0 | 0 | 0 | 0 |
| East South Central | 5,533 | 4,505 | 23.0% | 2,945 | 2,460 | 2,588 | 2,045 | 0 | 0 | 0 | 0 |
| Alabama | 283 | 236 | 20.0% | 0 | 0 | 283 | 236 | 0 | 0 | 0 | 0 |
| Kentucky | 2,945 | 2,460 | 20.0% | 2,945 | 2,460 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 287 | 214 | 34.0% | 0 | 0 | 287 | 214 | 0 | 0 | 0 | 0 |
| Tennessee | 2,018 | 1,595 | 26.0% | 0 | 0 | 2,018 | 1,595 | 0 | 0 | 0 | 0 |
| West South Central | 19,090 | 16,355 | 17.0% | 0 | 0 | 18,378 | 15,716 | 712 | 639 | 0 | 0 |
| Arkansas | 1,823 | 1,422 | 28.0% | 0 | 0 | 1,823 | 1,422 | 0 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 450 | -100.0% | 0 | 0 | 0 | 450 | 0 | 0 | 0 | 0 |
| Texas | 17,267 | 14,483 | 19.0% | 0 | 0 | 16,554 | 13,844 | 712 | 639 | 0 | 0 |
| Mountain | 6,409 | 5,607 | 14.0% | 1,291 | 1,077 | 5,118 | 4,529 | 0 | 0 | 0 | 0 |
| Arizona | 2,053 | 1,651 | 24.0% | 1,009 | 843 | 1,044 | 808 | 0 | 0 | 0 | 0 |
| Colorado | 1,356 | 1,385 | -2.1% | 0 | 0 | 1,356 | 1,385 | 0 | 0 | 0 | 0 |
| Idaho | 799 | 724 | 10.0% | 282 | 234 | 516 | 490 | 0 | 0 | 0 | 0 |
| Montana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 636 | 539 | 18.0% | 0 | 0 | 636 | 539 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 1,565 | 1,308 | 20.0% | 0 | 0 | 1,565 | 1,308 | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 66,263 | 61,066 | 8.5% | 9,493 | 7,833 | 35,920 | 31,390 | 20,850 | 21,843 | 0 | 0 |
| California | 55,169 | 52,551 | 5.0% | 3,261 | 3,317 | 31,599 | 27,870 | 20,309 | 21,364 | 0 | 0 |
| Oregon | 5,919 | 4,806 | 23.0% | 1,549 | 1,254 | 3,830 | 3,073 | 541 | 480 | 0 | 0 |
| Washington | 5,174 | 3,709 | 40.0% | 4,683 | 3,262 | 491 | 447 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 1,056 | 851 | 24.0% | 0 | 0 | 0 | 0 | 1,056 | 851 | 0 | 0 |
| Alaska | 1,056 | 851 | 24.0% | 0 | 0 | 0 | 0 | 1,056 | 851 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 313,570 | 271,967 | 15.0% | 33,312 | 27,259 | 247,487 | 211,942 | 27,676 | 28,143 | 5,096 | 4,623 |

Displayed values of zero may 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 for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

**Table 2.12.A. Consumption of Biogenic Municipal Solid Waste Gas for Electricity Generation by State, by Sector, December 2014 and December 2013 (Thousand Tons)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 310 | 329 | -5.8% | 0 | 0 | 288 | 305 | 23 | 24 | 0 | 0 |
| Connecticut | 112 | 119 | -5.8% | 0 | 0 | 106 | 111 | NM | 8 | 0 | 0 |
| Maine | 24 | 25 | -4.8% | 0 | 0 | NM | 9 | 16 | 16 | 0 | 0 |
| Massachusetts | 163 | 174 | -5.9% | 0 | 0 | 163 | 174 | 0 | 0 | 0 | 0 |
| New Hampshire | 11 | 12 | -5.6% | 0 | 0 | 11 | 12 | 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 | 449 | 483 | -7.2% | 0 | 0 | 356 | 383 | 92 | 100 | 0 | 0 |
| New Jersey | 117 | 128 | -8.8% | 0 | 0 | 85 | 97 | 31 | 31 | 0 | 0 |
| New York | 168 | 178 | -6.0% | 0 | 0 | 130 | 132 | 38 | 47 | 0 | 0 |
| Pennsylvania | 164 | 177 | -7.2% | 0 | 0 | 141 | 154 | 23 | 23 | 0 | 0 |
| East North Central | 20 | 19 | 9.8% | 3 | 3 | 0 | 0 | 17 | 16 | 0 | 0 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 1 | 1 | -23.0% | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Michigan | 16 | 15 | 8.8% | 0 | 0 | 0 | 0 | 16 | 15 | 0 | 0 |
| Ohio | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wisconsin | 3 | 3 | 28.0% | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 49 | 53 | -6.4% | 32 | 32 | 15 | 19 | NM | 2 | 0 | 0 |
| Iowa | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 49 | 53 | -6.4% | 32 | 32 | 15 | 19 | NM | 2 | 0 | 0 |
| Missouri | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 387 | 539 | -28.0% | 0 | 0 | 355 | 503 | 31 | 36 | 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 | 232 | 391 | -41.0% | 0 | 0 | 232 | 391 | 0 | 0 | 0 | 0 |
| Georgia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 66 | 59 | 12.0% | 0 | 0 | 66 | 59 | NM | 0 | 0 | 0 |
| North Carolina | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Carolina | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia | 89 | 89 | -0.6% | 0 | 0 | 57 | 54 | 31 | 36 | 0 | 0 |
| West Virginia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West South Central | 1 | 1 | 32.0% | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 1 | 1 | 32.0% | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Texas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mountain | NM | 0 | NM | 0 | 0 | NM | 0 | 0 | 0 | 0 | 0 |
| Arizona | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | NM | 0 | NM | 0 | 0 | NM | 0 | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 62 | 70 | -11.0% | 0 | 0 | 62 | 70 | 0 | 0 | 0 | 0 |
| California | 43 | 47 | -10.0% | 0 | 0 | 43 | 47 | 0 | 0 | 0 | 0 |
| Oregon | NM | 11 | NM | 0 | 0 | NM | 11 | 0 | 0 | 0 | 0 |
| Washington | 12 | 12 | 4.5% | 0 | 0 | 12 | 12 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 32 | 35 | -8.7% | 0 | 0 | 0 | 0 | 32 | 35 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 32 | 35 | -8.7% | 0 | 0 | 0 | 0 | 32 | 35 | 0 | 0 |
| U.S. Total | 1,310 | 1,528 | -14.0% | 36 | 35 | 1,076 | 1,280 | 197 | 213 | 1 | 1 |

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values for 2014 are preliminary. Values for 2013 are final. 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.
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**Table 2.12.B. Consumption of Biogenic Municipal Solid Waste Gas for Electricity Generation by State, by Sector, Year-to-Date through December 2014 and December 2013 (Thousand Tons)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 3,735 | 3,913 | -4.5% | 0 | 0 | 3,496 | 3,630 | 240 | 283 | 0 | 0 |
| Connecticut | 1,357 | 1,416 | -4.1% | 0 | 0 | 1,290 | 1,330 | 68 | 86 | 0 | 0 |
| Maine | 269 | 312 | -14.0% | 0 | 0 | 97 | 115 | 172 | 196 | 0 | 0 |
| Massachusetts | 1,973 | 2,029 | -2.8% | 0 | 0 | 1,973 | 2,029 | 0 | 0 | 0 | 0 |
| New Hampshire | 136 | 156 | -13.0% | 0 | 0 | 136 | 156 | 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 | 5,003 | 5,438 | -8.0% | 0 | 0 | 3,988 | 4,261 | 1,015 | 1,178 | 0 | 0 |
| New Jersey | 1,340 | 1,403 | -4.5% | 0 | 0 | 998 | 1,059 | 343 | 345 | 0 | 0 |
| New York | 1,852 | 2,034 | -9.0% | 0 | 0 | 1,448 | 1,469 | 403 | 565 | 0 | 0 |
| Pennsylvania | 1,811 | 2,001 | -9.5% | 0 | 0 | 1,542 | 1,733 | 269 | 268 | 0 | 0 |
| East North Central | 238 | 242 | -1.6% | 33 | 34 | 0 | 0 | 205 | 208 | 0 | 0 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 9 | 12 | -24.0% | 0 | 0 | 0 | 0 | 9 | 12 | 0 | 0 |
| Michigan | 195 | 195 | 0.0% | 0 | 0 | 0 | 0 | 195 | 195 | 0 | 0 |
| Ohio | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wisconsin | 33 | 34 | -3.0% | 33 | 34 | 0 | 0 | 0 | 0 | 0 | 0 |
| West North Central | 614 | 660 | -7.1% | 411 | 422 | 183 | 216 | 20 | 22 | 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 | 614 | 660 | -7.1% | 411 | 422 | 183 | 216 | 20 | 22 | 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 | 5,022 | 5,526 | -9.1% | 0 | 0 | 4,655 | 5,109 | 367 | 417 | 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 | 3,199 | 3,710 | -14.0% | 0 | 0 | 3,199 | 3,710 | 0 | 0 | 0 | 0 |
| Georgia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 803 | 768 | 4.6% | 0 | 0 | 803 | 768 | 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 | 1,020 | 1,047 | -2.7% | 0 | 0 | 653 | 631 | 367 | 417 | 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 | 8 | 8 | -5.3% | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 8 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 8 | 8 | -5.3% | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 8 |
| Texas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mountain | 2 | 3 | -13.0% | 0 | 0 | 2 | 3 | 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 | 2 | 3 | -13.0% | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 745 | 838 | -11.0% | 0 | 0 | 745 | 838 | 0 | 0 | 0 | 0 |
| California | 508 | 551 | -7.9% | 0 | 0 | 508 | 551 | 0 | 0 | 0 | 0 |
| Oregon | 89 | 117 | -24.0% | 0 | 0 | 89 | 117 | 0 | 0 | 0 | 0 |
| Washington | 149 | 170 | -13.0% | 0 | 0 | 149 | 170 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 388 | 379 | 2.5% | 0 | 0 | 0 | 0 | 388 | 379 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 388 | 379 | 2.5% | 0 | 0 | 0 | 0 | 388 | 379 | 0 | 0 |
| U.S. Total | 15,755 | 17,007 | -7.4% | 444 | 456 | 13,069 | 14,057 | 2,234 | 2,485 | 8 | 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.
Notes: See Glossary for definitions. Values for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

## Table 3.1. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, 2004 - December 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 | 147,884 | 31,673 | 390 | 120,792 | 22,494 | 303 | 27,092 | 9,179 | 86 |
| 2014 | 151,362 | 32,139 | 847 | 116,774 | 21,396 | 705 | 34,588 | 10,743 | 142 |
| **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 | 178,859 | 31,314 | 442 | 145,550 | 23,442 | 358 | 33,309 | 7,872 | 84 |
| February | 175,565 | 31,205 | 442 | 144,081 | 23,182 | 362 | 31,484 | 8,023 | 81 |
| March | 171,736 | 32,199 | 407 | 141,891 | 23,917 | 323 | 29,845 | 8,281 | 84 |
| April | 173,014 | 31,569 | 456 | 143,082 | 23,399 | 387 | 29,933 | 8,169 | 69 |
| May | 177,174 | 31,494 | 443 | 144,824 | 23,305 | 348 | 32,350 | 8,189 | 96 |
| June | 171,124 | 31,313 | 408 | 139,705 | 23,148 | 303 | 31,418 | 8,165 | 105 |
| July | 160,019 | 30,804 | 394 | 131,967 | 22,770 | 279 | 28,053 | 8,034 | 115 |
| August | 154,567 | 31,436 | 260 | 127,153 | 23,070 | 183 | 27,414 | 8,366 | 77 |
| Sept | 152,694 | 31,428 | 309 | 125,579 | 22,618 | 191 | 27,115 | 8,811 | 118 |
| October | 154,194 | 31,771 | 291 | 125,616 | 22,696 | 214 | 28,578 | 9,075 | 77 |
| November | 156,249 | 32,620 | 338 | 126,611 | 22,827 | 250 | 29,638 | 9,793 | 88 |
| December | 147,884 | 31,673 | 390 | 120,792 | 22,494 | 303 | 27,092 | 9,179 | 86 |
| **2014, End of Month Stocks** | | | | | | | | | |
| January | 133,647 | 27,141 | 298 | 107,614 | 20,386 | 216 | 26,033 | 6,756 | 82 |
| February | 119,885 | 28,477 | 276 | 96,427 | 20,573 | 202 | 23,458 | 7,904 | 74 |
| March | 118,305 | 28,338 | 349 | 95,065 | 20,831 | 282 | 23,241 | 7,506 | 67 |
| April | 128,883 | 28,596 | 514 | 102,826 | 20,971 | 451 | 26,057 | 7,625 | 63 |
| May | 136,474 | 28,233 | 457 | 107,267 | 20,687 | 374 | 29,207 | 7,545 | 83 |
| June | 132,879 | 28,470 | 410 | 103,168 | 20,707 | 356 | 29,711 | 7,763 | 54 |
| July | 125,240 | 27,813 | 381 | 97,031 | 20,080 | 300 | 28,209 | 7,734 | 81 |
| August | 120,709 | 27,900 | 388 | 92,607 | 20,192 | 289 | 28,103 | 7,708 | 99 |
| Sept | 123,814 | 28,176 | 389 | 95,465 | 20,180 | 297 | 28,349 | 7,995 | 92 |
| October | 135,709 | 29,148 | 510 | 104,699 | 20,515 | 394 | 31,010 | 8,633 | 116 |
| November | 141,309 | 30,857 | 640 | 109,757 | 20,759 | 510 | 31,552 | 10,098 | 130 |
| December | 151,362 | 32,139 | 847 | 116,774 | 21,396 | 705 | 34,588 | 10,743 | 142 |

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

| Census Division and State | Coal (Thousand Tons) | | | Petroleum Liquids (Thousand Barrels) | | | Petroleum Coke (Thousand Tons) | | |
|---|---|---|---|---|---|---|---|---|---|
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | Percentage Change |
| New England | 1,543 | 1,129 | 37.0% | 4,838 | 3,613 | 34.0% | 0 | 0 | -- |
| Connecticut | W | W | W | 1,414 | 1,141 | 24.0% | 0 | 0 | -- |
| Maine | 0 | 0 | -- | W | W | W | 0 | 0 | -- |
| Massachusetts | W | 582 | W | 1,933 | 1,496 | 29.0% | 0 | 0 | -- |
| New Hampshire | W | W | W | W | W | W | 0 | 0 | -- |
| Rhode Island | W | 0 | W | W | W | W | 0 | 0 | -- |
| Vermont | 0 | 0 | -- | 32 | NM | NM | 0 | 0 | -- |
| Middle Atlantic | 8,394 | 5,973 | 41.0% | 5,591 | 4,943 | 13.0% | W | W | W |
| New Jersey | 893 | 1,045 | -15.0% | 780 | 803 | -2.9% | 0 | 0 | -- |
| New York | 894 | 429 | 108.0% | 3,534 | 3,409 | 3.7% | 0 | 0 | -- |
| Pennsylvania | 6,606 | 4,499 | 47.0% | 1,277 | 731 | 75.0% | W | W | W |
| East North Central | 33,749 | 28,279 | 19.0% | 1,136 | 1,158 | -1.9% | 236 | 86 | 175.0% |
| Illinois | 7,465 | 6,273 | 19.0% | 99 | 118 | -16.0% | 0 | 0 | -- |
| Indiana | 8,966 | 8,034 | 12.0% | 128 | 117 | 9.2% | W | 0 | W |
| Michigan | 6,995 | 6,032 | 16.0% | 333 | 382 | -13.0% | W | W | W |
| Ohio | 6,543 | 4,536 | 44.0% | 336 | 318 | 5.7% | W | W | W |
| Wisconsin | 3,780 | 3,403 | 11.0% | 240 | 223 | 7.7% | W | W | W |
| West North Central | 20,488 | 22,930 | -11.0% | 1,122 | 1,127 | -0.4% | 0 | 0 | -- |
| Iowa | 3,834 | 6,734 | -43.0% | 152 | 161 | -5.8% | 0 | 0 | -- |
| Kansas | 2,990 | 3,155 | -5.2% | 117 | 134 | -13.0% | 0 | 0 | -- |
| Minnesota | 2,323 | 1,971 | 18.0% | 141 | 154 | -8.5% | 0 | 0 | -- |
| Missouri | 6,442 | 7,195 | -10.0% | 406 | 285 | 42.0% | 0 | 0 | -- |
| Nebraska | W | 2,522 | W | 203 | 271 | -25.0% | 0 | 0 | -- |
| North Dakota | 1,685 | W | W | 43 | 44 | -3.7% | 0 | 0 | -- |
| South Dakota | W | W | W | 61 | 77 | -21.0% | 0 | 0 | -- |
| South Atlantic | 29,601 | 32,373 | -8.6% | 12,280 | 12,640 | -2.8% | W | W | W |
| Delaware | W | W | W | 278 | 365 | -24.0% | 0 | 0 | -- |
| District of Columbia | 0 | 0 | -- | 0 | 0 | -- | 0 | 0 | -- |
| Florida | W | W | W | 5,912 | 6,382 | -7.4% | W | W | W |
| Georgia | 5,605 | 7,992 | -30.0% | 924 | 900 | 2.6% | 0 | 0 | -- |
| Maryland | 1,856 | 1,327 | 40.0% | 782 | 732 | 6.9% | 0 | 0 | -- |
| North Carolina | W | 5,541 | W | 1,237 | 1,134 | 9.1% | 0 | 0 | -- |
| South Carolina | 4,102 | 5,107 | -20.0% | 651 | 620 | 5.0% | 0 | 0 | -- |
| Virginia | 1,506 | 1,428 | 5.4% | 2,322 | 2,335 | -0.6% | 0 | 0 | -- |
| West Virginia | 4,578 | 5,402 | -15.0% | 173 | 172 | 0.6% | W | W | W |
| East South Central | 16,859 | 16,840 | 0.1% | 1,946 | 1,972 | -1.3% | W | W | W |
| Alabama | 4,121 | 4,285 | -3.8% | 257 | 301 | -15.0% | 0 | 0 | -- |
| Kentucky | 8,356 | 7,925 | 5.4% | 260 | 260 | 0.0% | W | W | W |
| Mississippi | 946 | 1,427 | -34.0% | 579 | 589 | -1.6% | 0 | 0 | -- |
| Tennessee | 3,436 | 3,203 | 7.3% | 849 | 822 | 3.4% | 0 | 0 | -- |
| West South Central | 22,419 | 23,375 | -4.1% | 2,042 | 2,273 | -10.0% | W | W | W |
| Arkansas | 3,023 | 3,253 | -7.1% | W | W | W | 0 | 0 | -- |
| Louisiana | 3,361 | 3,790 | -11.0% | 501 | 639 | -22.0% | W | W | W |
| Oklahoma | 2,940 | 3,072 | -4.3% | W | W | W | 0 | 0 | -- |
| Texas | 13,095 | 13,261 | -1.2% | 1,248 | 1,310 | -4.8% | 0 | 0 | -- |
| Mountain | 17,005 | 15,732 | 8.1% | 640 | 905 | -29.0% | W | W | W |
| Arizona | 2,688 | 2,645 | 1.6% | 148 | 194 | -24.0% | 0 | 0 | -- |
| Colorado | 4,594 | 3,701 | 24.0% | 220 | 243 | -9.5% | 0 | 0 | -- |
| Idaho | 0 | 0 | -- | W | W | W | 0 | 0 | -- |
| Montana | W | W | W | W | 20 | W | W | W | W |
| Nevada | 1,141 | 639 | 79.0% | W | 179 | W | 0 | 0 | -- |
| New Mexico | W | W | W | W | W | W | 0 | 0 | -- |
| Utah | 3,211 | 4,099 | -22.0% | W | W | W | 0 | 0 | -- |
| Wyoming | 3,372 | 2,742 | 23.0% | 34 | 31 | 11.0% | 0 | 0 | -- |
| Pacific Contiguous | W | W | W | 342 | 417 | -18.0% | 0 | W | W |
| California | 0 | W | W | 161 | 235 | -31.0% | 0 | W | W |
| Oregon | W | W | W | W | W | W | 0 | 0 | -- |
| Washington | W | W | W | W | W | W | 0 | 0 | -- |
| Pacific Noncontiguous | W | W | W | 2,202 | 2,626 | -16.0% | 0 | 0 | -- |
| Alaska | 0 | W | W | 30 | 290 | -90.0% | 0 | 0 | -- |
| Hawaii | W | W | W | 2,172 | 2,336 | -7.0% | 0 | 0 | -- |
| U.S. Total | 151,362 | 147,884 | 2.4% | 32,139 | 31,673 | 1.5% | 847 | 390 | 117.0% |

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 for 2014 are preliminary. Values for 2013 are final. 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, December 2014 and 2013

| | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| **Census Division** | **December 2014** | **December 2013** | **Percentage Change** | **December 2014** | **December 2013** | **December 2014** | **December 2013** |
| **Coal (Thousand Tons)** | | | | | | | |
| New England | 1,543 | 1,129 | 36.7% | W | W | W | W |
| Middle Atlantic | 8,394 | 5,973 | 40.5% | 0 | 0 | 8,394 | 5,973 |
| East North Central | 33,749 | 28,279 | 19.3% | 25,249 | 22,076 | 8,500 | 6,203 |
| West North Central | 20,488 | 22,930 | -10.6% | 20,488 | W | 0 | W |
| South Atlantic | 29,601 | 32,373 | -8.6% | 25,122 | 29,241 | 4,480 | 3,132 |
| East South Central | 16,859 | 16,840 | 0.1% | 16,859 | 16,840 | 0 | 0 |
| West South Central | 22,419 | 23,375 | -4.1% | 12,257 | 13,676 | 10,162 | 9,700 |
| Mountain | 17,005 | 15,732 | 8.1% | 15,713 | W | 1,292 | W |
| Pacific Contiguous | W | W | W | W | W | W | W |
| Pacific Noncontiguous | W | W | W | 0 | W | W | W |
| **U.S. Total** | **151,362** | **147,884** | **2.4%** | **116,774** | **120,792** | **34,588** | **27,092** |
| **Petroleum Liquids (Thousand Barrels)** | | | | | | | |
| New England | 4,838 | 3,613 | 33.9% | 864 | W | 3,974 | W |
| Middle Atlantic | 5,591 | 4,943 | 13.1% | 1,954 | 2,025 | 3,637 | 2,918 |
| East North Central | 1,136 | 1,158 | -1.9% | 894 | 944 | 242 | 214 |
| West North Central | 1,122 | 1,127 | -0.4% | 1,096 | 1,099 | 26 | 28 |
| South Atlantic | 12,280 | 12,640 | -2.8% | 10,151 | 10,476 | 2,129 | 2,163 |
| East South Central | 1,946 | 1,972 | -1.3% | W | W | W | W |
| West South Central | 2,042 | 2,273 | -10.2% | 1,483 | W | 559 | W |
| Mountain | 640 | 905 | -29.2% | W | 863 | W | 42 |
| Pacific Contiguous | 342 | 417 | -18.0% | 252 | 324 | 90 | 93 |
| Pacific Noncontiguous | 2,202 | 2,626 | -16.2% | W | W | W | W |
| **U.S. Total** | **32,139** | **31,673** | **1.5%** | **21,396** | **22,494** | **10,743** | **9,179** |
| **Petroleum Coke (Thousand Tons)** | | | | | | | |
| New England | 0 | 0 | -- | 0 | 0 | 0 | 0 |
| Middle Atlantic | W | W | W | 0 | 0 | W | W |
| East North Central | 236 | 86 | 174.8% | W | W | W | W |
| West North Central | 0 | 0 | -- | 0 | 0 | 0 | 0 |
| South Atlantic | W | W | W | W | W | W | W |
| East South Central | W | W | W | W | W | 0 | 0 |
| West South Central | W | W | W | W | W | 0 | 0 |
| Mountain | W | W | W | 0 | 0 | W | W |
| Pacific Contiguous | 0 | W | W | 0 | 0 | 0 | W |
| Pacific Noncontiguous | 0 | 0 | -- | 0 | 0 | 0 | 0 |
| **U.S. Total** | **847** | **390** | **117.3%** | **W** | **303** | **W** | **86** |

W = Withheld to avoid disclosure of individual company data.
Notes: See Glossary for definitions. Values for 2014 are preliminary. Values for 2013 are final. 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 - December 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 | 73,113 | 69,720 | 5,051 | 147,884 |
| 2014 | 72,580 | 72,699 | 6,083 | 151,362 |
| **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 | 83,501 | 90,693 | 4,664 | 178,859 |
| February | 81,835 | 89,227 | 4,504 | 175,565 |
| March | 80,528 | 86,416 | 4,792 | 171,736 |
| April | 82,756 | 85,182 | 5,076 | 173,014 |
| May | 84,487 | 86,439 | 6,248 | 177,174 |
| June | 82,016 | 82,922 | 6,186 | 171,124 |
| July | 75,887 | 78,372 | 5,760 | 160,019 |
| August | 73,002 | 75,970 | 5,595 | 154,567 |
| Sept | 72,121 | 75,001 | 5,571 | 152,694 |
| October | 74,079 | 74,620 | 5,496 | 154,194 |
| November | 75,232 | 75,683 | 5,334 | 156,249 |
| December | 73,113 | 69,720 | 5,051 | 147,884 |
| **2014, End of Month Stocks** | | | | |
| January | 63,026 | 65,238 | 5,382 | 133,647 |
| February | 55,476 | 58,960 | 5,449 | 119,885 |
| March | 54,643 | 58,201 | 5,462 | 118,305 |
| April | 59,931 | 62,873 | 6,079 | 128,883 |
| May | 63,227 | 66,882 | 6,365 | 136,474 |
| June | 62,063 | 64,339 | 6,477 | 132,879 |
| July | 59,524 | 59,438 | 6,278 | 125,240 |
| August | 59,489 | 54,719 | 6,501 | 120,709 |
| Sept | 62,310 | 55,377 | 6,127 | 123,814 |
| October | 68,285 | 61,269 | 6,155 | 135,709 |
| November | 69,703 | 65,965 | 5,641 | 141,309 |
| December | 72,580 | 72,699 | 6,083 | 151,362 |

Notes: See Glossary for definitions.
Values for 2013 and prior years are final. Values for 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 - December 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 | 15,906,809 | 823,222 | 2.34 | 45.33 | 1.29 | 93.7 | 123,964 | 20,413 | 20.56 | 124.90 | 0.46 | 76.5 |
| 2014 | 16,295,085 | 836,196 | 2.37 | 46.11 | 1.32 | 95.8 | 171,500 | 28,355 | 19.88 | 120.32 | 0.46 | 78.0 |
| **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 | 1,342,301 | 69,783 | 2.34 | 45.09 | 1.27 | 90.9 | 10,766 | 1,787 | 21.00 | 126.64 | 0.50 | 52.0 |
| February | 1,229,209 | 63,662 | 2.34 | 45.28 | 1.34 | 92.7 | 10,780 | 1,756 | 21.02 | 129.19 | 0.46 | 79.8 |
| March | 1,291,446 | 66,546 | 2.35 | 45.68 | 1.34 | 92.3 | 14,263 | 2,321 | 20.15 | 123.86 | 0.46 | 123.8 |
| April | 1,229,373 | 62,822 | 2.37 | 46.51 | 1.36 | 100.9 | 6,131 | 1,025 | 21.53 | 128.84 | 0.52 | 53.1 |
| May | 1,328,111 | 68,190 | 2.37 | 46.23 | 1.31 | 103.1 | 8,658 | 1,428 | 20.70 | 125.53 | 0.50 | 70.1 |
| June | 1,319,801 | 68,294 | 2.36 | 45.62 | 1.26 | 89.3 | 7,007 | 1,170 | 20.96 | 125.57 | 0.50 | 60.6 |
| July | 1,392,487 | 72,998 | 2.31 | 44.14 | 1.19 | 86.1 | 10,748 | 1,782 | 20.51 | 123.69 | 0.48 | 64.4 |
| August | 1,465,659 | 76,277 | 2.33 | 44.76 | 1.26 | 91.4 | 11,993 | 1,962 | 19.70 | 120.41 | 0.44 | 98.8 |
| Sept | 1,359,392 | 70,489 | 2.35 | 45.29 | 1.29 | 95.1 | 9,904 | 1,630 | 20.17 | 122.66 | 0.38 | 90.9 |
| October | 1,318,098 | 67,874 | 2.34 | 45.49 | 1.33 | 100.1 | 10,145 | 1,675 | 20.86 | 126.37 | 0.43 | 92.5 |
| November | 1,311,392 | 67,740 | 2.33 | 45.11 | 1.29 | 100.3 | 12,818 | 2,105 | 20.10 | 122.51 | 0.46 | 111.3 |
| December | 1,319,540 | 68,548 | 2.34 | 45.06 | 1.29 | 86.8 | 10,751 | 1,775 | 20.95 | 126.83 | 0.45 | 58.5 |
| **2014** | | | | | | | | | | | | |
| January | 1,295,172 | 67,779 | 2.30 | 43.90 | 1.26 | 79.4 | 26,893 | 4,499 | 21.87 | 130.83 | 0.43 | 38.3 |
| February | 1,195,094 | 61,440 | 2.33 | 45.27 | 1.35 | 78.9 | 26,044 | 4,286 | 21.60 | 131.47 | 0.44 | 118.5 |
| March | 1,374,906 | 69,853 | 2.37 | 46.61 | 1.35 | 94.4 | 15,155 | 2,507 | 21.94 | 132.70 | 0.44 | 61.3 |
| April | 1,316,053 | 66,626 | 2.39 | 47.21 | 1.34 | 111.7 | 8,946 | 1,480 | 21.71 | 131.19 | 0.41 | 86.0 |
| May | 1,359,265 | 69,106 | 2.40 | 47.17 | 1.38 | 105.5 | 8,613 | 1,430 | 21.19 | 127.61 | 0.46 | 76.2 |
| June | 1,342,560 | 68,561 | 2.38 | 46.61 | 1.36 | 90.4 | 9,308 | 1,541 | 21.41 | 129.32 | 0.45 | 86.1 |
| July | 1,404,470 | 72,363 | 2.37 | 46.03 | 1.28 | 87.1 | 8,413 | 1,392 | 21.29 | 128.63 | 0.50 | 70.9 |
| August | 1,460,347 | 74,999 | 2.37 | 46.10 | 1.33 | 90.8 | 9,143 | 1,503 | 20.63 | 125.49 | 0.51 | 72.3 |
| Sept | 1,377,308 | 70,587 | 2.37 | 46.25 | 1.34 | 99.9 | 10,201 | 1,683 | 19.67 | 119.52 | 0.51 | 89.4 |
| October | 1,390,364 | 71,389 | 2.30 | 44.86 | 1.30 | 113.8 | 12,820 | 2,128 | 18.49 | 111.48 | 0.48 | 122.3 |
| November | 1,347,066 | 69,471 | 2.30 | 44.61 | 1.30 | 105.1 | 17,738 | 2,951 | 16.52 | 99.39 | 0.43 | 150.8 |
| December | 1,432,479 | 74,020 | 2.51 | 48.54 | 1.30 | 106.9 | 18,225 | 2,955 | 13.91 | 85.81 | 0.48 | 155.2 |
| **Year to Date** | | | | | | | | | | | | |
| 2012 | 16,265,578 | 841,183 | 2.38 | 46.09 | 1.25 | 99.5 | 116,937 | 19,464 | 21.85 | 131.28 | 0.51 | 75.7 |
| 2013 | 15,906,809 | 823,222 | 2.34 | 45.33 | 1.29 | 93.7 | 123,964 | 20,413 | 20.56 | 124.90 | 0.46 | 76.5 |
| 2014 | 16,295,085 | 836,196 | 2.37 | 46.11 | 1.32 | 95.8 | 171,500 | 28,355 | 19.88 | 120.32 | 0.46 | 78.0 |

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

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

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

## Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 2004 - December 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 | 132,474 | 4,660 | 2.18 | 61.95 | 5.41 | 73.5 | 8,721,114 | 8,503,424 | 4.33 | 4.44 | 89.7 | 3.09 |
| 2014 | 144,694 | 5,091 | 1.96 | 55.81 | 5.55 | 87.5 | 8,671,674 | 8,423,883 | 5.00 | 5.14 | 89.8 | 3.32 |
| **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 | 10,103 | 355 | 2.04 | 58.21 | 5.61 | 68.1 | 676,695 | 660,645 | 4.38 | 4.49 | 89.1 | 3.08 |
| February | 9,754 | 343 | 2.09 | 59.50 | 5.40 | 82.5 | 607,094 | 592,786 | 4.39 | 4.50 | 88.9 | 3.09 |
| March | 8,239 | 290 | 2.08 | 59.25 | 5.47 | 58.8 | 649,452 | 633,519 | 4.30 | 4.40 | 89.2 | 3.09 |
| April | 11,240 | 396 | 2.28 | 64.98 | 5.35 | 86.8 | 609,479 | 594,620 | 4.67 | 4.79 | 89.3 | 3.15 |
| May | 11,758 | 412 | 2.34 | 66.64 | 5.37 | 68.8 | 665,433 | 648,152 | 4.62 | 4.75 | 90.4 | 3.15 |
| June | 11,528 | 407 | 2.42 | 68.49 | 5.07 | 67.1 | 782,722 | 762,845 | 4.42 | 4.54 | 90.6 | 3.14 |
| July | 12,215 | 428 | 2.29 | 65.47 | 5.44 | 69.6 | 949,493 | 924,645 | 4.20 | 4.31 | 90.0 | 3.11 |
| August | 10,902 | 381 | 2.25 | 64.57 | 5.38 | 58.3 | 940,629 | 917,829 | 3.91 | 4.00 | 90.4 | 2.99 |
| Sept | 12,370 | 433 | 2.17 | 61.88 | 5.36 | 77.7 | 794,084 | 774,415 | 4.08 | 4.18 | 90.3 | 3.02 |
| October | 12,201 | 432 | 2.13 | 60.26 | 5.37 | 82.8 | 683,580 | 666,361 | 4.11 | 4.21 | 89.8 | 2.99 |
| November | 9,653 | 339 | 1.91 | 54.26 | 5.43 | 84.7 | 647,943 | 631,751 | 4.19 | 4.30 | 89.3 | 3.01 |
| December | 12,511 | 444 | 2.02 | 57.05 | 5.66 | 89.4 | 714,509 | 695,857 | 4.91 | 5.04 | 88.7 | 3.26 |
| **2014** | | | | | | | | | | | | |
| January | 9,894 | 350 | 1.80 | 50.87 | 5.25 | 62.5 | 709,245 | 691,475 | 7.04 | 7.22 | 89.0 | 4.10 |
| February | 10,083 | 356 | W | W | 5.46 | 75.6 | 587,376 | 572,177 | 7.40 | 7.59 | 88.4 | W |
| March | 12,939 | 457 | 2.00 | 56.64 | 5.81 | 84.1 | 606,222 | 590,661 | 6.00 | 6.15 | 88.8 | 3.53 |
| April | 12,734 | 449 | 2.11 | 59.89 | 5.95 | 111.9 | 593,040 | 577,655 | 5.07 | 5.20 | 89.1 | 3.24 |
| May | 12,593 | 446 | 2.18 | 61.41 | 5.55 | 98.1 | 691,105 | 672,102 | 4.93 | 5.07 | 90.5 | 3.25 |
| June | 11,435 | 400 | 2.05 | 58.67 | 5.77 | 82.2 | 766,138 | 744,633 | 4.83 | 4.97 | 90.6 | 3.28 |
| July | 11,392 | 399 | 1.88 | 53.73 | 5.69 | 74.9 | 886,181 | 860,304 | 4.43 | 4.57 | 90.8 | 3.17 |
| August | 12,517 | 439 | 1.95 | 55.68 | 5.51 | 81.1 | 943,735 | 915,459 | 4.12 | 4.24 | 91.2 | 3.07 |
| Sept | 11,559 | 406 | 1.90 | 54.12 | 5.43 | 79.6 | 811,708 | 786,977 | 4.20 | 4.33 | 90.0 | 3.06 |
| October | 10,797 | 381 | 1.77 | 50.25 | 5.31 | 111.4 | 743,322 | 720,648 | 4.10 | 4.23 | 89.8 | 2.96 |
| November | 11,980 | 421 | 1.84 | 52.32 | 5.45 | 100.9 | 646,732 | 626,919 | 4.48 | 4.62 | 89.0 | 3.07 |
| December | 16,770 | 587 | 1.98 | 56.64 | 5.40 | 105.0 | 686,870 | 664,873 | 4.35 | 4.49 | 89.3 | 3.14 |
| **Year to Date** | | | | | | | | | | | | |
| 2012 | 119,667 | 4,180 | 2.24 | 64.14 | 5.55 | 83.3 | 9,746,691 | 9,531,389 | 3.42 | 3.50 | 91.9 | 2.83 |
| 2013 | 132,474 | 4,660 | 2.18 | 61.95 | 5.41 | 73.5 | 8,721,114 | 8,503,424 | 4.33 | 4.44 | 89.7 | 3.09 |
| 2014 | 144,694 | 5,091 | 1.96 | 55.81 | 5.55 | 87.5 | 8,671,674 | 8,423,883 | 5.00 | 5.14 | 89.8 | 3.32 |

Displayed values of zero may 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.

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See Glossary for definitions.
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See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.

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

## Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2004 - December 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 | 11,595,328 | 592,772 | 2.38 | 46.51 | 1.23 | 92.9 | 78,101 | 12,814 | 21.09 | 128.57 | 0.43 | 76.2 |
| 2014 | 11,991,691 | 607,877 | 2.40 | 47.31 | 1.26 | 95.6 | 99,044 | 16,281 | 19.91 | 121.16 | 0.44 | 80.6 |
| **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 | 966,431 | 49,719 | 2.37 | 46.15 | 1.18 | 89.3 | 7,473 | 1,239 | 21.08 | 127.15 | 0.41 | 68.5 |
| February | 899,054 | 45,989 | 2.38 | 46.62 | 1.26 | 93.8 | 6,220 | 1,009 | 21.34 | 131.57 | 0.40 | 78.9 |
| March | 948,352 | 48,339 | 2.37 | 46.58 | 1.27 | 92.9 | 9,929 | 1,608 | 20.43 | 126.13 | 0.45 | 120.6 |
| April | 904,409 | 45,784 | 2.41 | 47.65 | 1.28 | 100.5 | 3,831 | 638 | 21.99 | 131.94 | 0.45 | 47.8 |
| May | 958,782 | 48,775 | 2.40 | 47.27 | 1.23 | 100.9 | 6,010 | 987 | 20.90 | 127.33 | 0.47 | 69.5 |
| June | 965,951 | 49,292 | 2.39 | 46.90 | 1.21 | 88.0 | 4,713 | 786 | 21.31 | 127.71 | 0.43 | 59.5 |
| July | 1,031,429 | 53,206 | 2.34 | 45.37 | 1.16 | 86.7 | 7,153 | 1,184 | 20.82 | 125.77 | 0.44 | 68.4 |
| August | 1,071,201 | 54,959 | 2.37 | 46.16 | 1.21 | 89.5 | 8,382 | 1,353 | 19.78 | 122.55 | 0.45 | 96.5 |
| Sept | 974,613 | 49,808 | 2.38 | 46.62 | 1.22 | 93.8 | 4,882 | 795 | 21.67 | 132.98 | 0.34 | 68.0 |
| October | 956,973 | 48,754 | 2.37 | 46.45 | 1.27 | 98.7 | 6,139 | 1,011 | 21.98 | 133.43 | 0.40 | 81.1 |
| November | 958,575 | 49,043 | 2.36 | 46.21 | 1.22 | 98.8 | 6,313 | 1,037 | 21.61 | 131.57 | 0.41 | 79.5 |
| December | 959,557 | 49,103 | 2.37 | 46.32 | 1.23 | 86.5 | 7,055 | 1,166 | 21.58 | 130.56 | 0.43 | 79.2 |
| **2014** | | | | | | | | | | | | |
| January | 926,991 | 47,962 | 2.31 | 44.60 | 1.18 | 76.9 | 12,038 | 2,017 | 21.73 | 129.71 | 0.32 | 42.5 |
| February | 863,997 | 43,905 | 2.33 | 45.93 | 1.28 | 78.2 | 12,405 | 2,045 | 21.75 | 132.02 | 0.49 | 107.8 |
| March | 989,078 | 49,867 | 2.38 | 47.17 | 1.30 | 94.3 | 9,000 | 1,475 | 21.54 | 131.41 | 0.39 | 76.4 |
| April | 953,528 | 47,782 | 2.41 | 48.20 | 1.28 | 113.2 | 6,706 | 1,101 | 21.74 | 132.38 | 0.36 | 88.4 |
| May | 996,345 | 50,122 | 2.42 | 48.21 | 1.32 | 104.6 | 5,373 | 895 | 21.89 | 131.40 | 0.34 | 67.9 |
| June | 992,039 | 49,981 | 2.40 | 47.74 | 1.29 | 88.2 | 6,342 | 1,050 | 21.67 | 130.93 | 0.34 | 87.2 |
| July | 1,048,298 | 53,172 | 2.40 | 47.43 | 1.22 | 86.7 | 5,999 | 988 | 21.28 | 129.22 | 0.47 | 73.5 |
| August | 1,090,914 | 55,193 | 2.41 | 47.56 | 1.27 | 90.1 | 6,888 | 1,124 | 20.62 | 126.42 | 0.50 | 81.4 |
| Sept | 1,034,229 | 52,306 | 2.41 | 47.59 | 1.27 | 101.6 | 6,927 | 1,138 | 19.90 | 121.14 | 0.48 | 83.9 |
| October | 1,040,271 | 52,787 | 2.33 | 45.87 | 1.26 | 115.2 | 6,948 | 1,150 | 19.34 | 117.04 | 0.48 | 94.0 |
| November | 1,000,204 | 50,949 | 2.33 | 45.73 | 1.24 | 107.5 | 7,528 | 1,240 | 17.71 | 107.59 | 0.50 | 97.3 |
| December | 1,055,798 | 53,851 | 2.61 | 51.19 | 1.25 | 106.1 | 12,890 | 2,058 | 13.23 | 82.89 | 0.46 | 160.7 |
| **Year to Date** | | | | | | | | | | | | |
| 2012 | 11,939,543 | 609,445 | 2.43 | 47.51 | 1.18 | 99.0 | 86,030 | 14,252 | 22.11 | 133.44 | 0.41 | 81.3 |
| 2013 | 11,595,328 | 592,772 | 2.38 | 46.51 | 1.23 | 92.9 | 78,101 | 12,814 | 21.09 | 128.57 | 0.43 | 76.2 |
| 2014 | 11,991,691 | 607,877 | 2.40 | 47.31 | 1.26 | 95.6 | 99,044 | 16,281 | 19.91 | 121.16 | 0.44 | 80.6 |

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

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

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

## Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2004 - December 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 | 2.11 | 60.30 | 5.34 | 101.6 | 3,939,408 | 3,851,241 | 4.49 | 4.59 | 97.0 | 2.99 |
| 2014 | 123,793 | 4,349 | 1.89 | 53.77 | 5.56 | 129.6 | 3,714,733 | 3,614,573 | 5.16 | 5.30 | 97.1 | 3.14 |
| **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 | 308,726 | 302,282 | 4.35 | 4.44 | 97.5 | 2.95 |
| February | 7,272 | 254 | 2.05 | 58.54 | 5.32 | 115.4 | 276,355 | 270,729 | 4.29 | 4.38 | 97.3 | 2.92 |
| March | 5,449 | 190 | 2.00 | 57.27 | 5.37 | 80.5 | 292,291 | 285,901 | 4.44 | 4.54 | 97.4 | 2.99 |
| April | 8,309 | 291 | 2.23 | 63.79 | 5.23 | 133.8 | 267,830 | 262,122 | 4.88 | 4.99 | 97.6 | 3.03 |
| May | 8,610 | 301 | 2.28 | 65.22 | 5.28 | 83.5 | 298,278 | 291,130 | 4.84 | 4.96 | 98.4 | 3.06 |
| June | 8,302 | 291 | 2.36 | 67.19 | 4.88 | 83.7 | 360,943 | 352,719 | 4.65 | 4.75 | 97.1 | 3.06 |
| July | 9,006 | 314 | 2.25 | 64.47 | 5.35 | 93.2 | 427,831 | 417,585 | 4.38 | 4.48 | 96.6 | 3.01 |
| August | 7,910 | 274 | 2.15 | 62.01 | 5.24 | 82.6 | 436,060 | 426,576 | 4.15 | 4.24 | 96.3 | 2.97 |
| Sept | 10,687 | 373 | 2.09 | 59.92 | 5.32 | 114.6 | 360,603 | 352,812 | 4.35 | 4.44 | 96.7 | 2.97 |
| October | 9,457 | 333 | 2.06 | 58.58 | 5.37 | 114.9 | 309,544 | 302,556 | 4.40 | 4.50 | 96.9 | 2.95 |
| November | 7,486 | 262 | 1.87 | 53.23 | 5.41 | 120.6 | 281,343 | 274,910 | 4.44 | 4.55 | 96.6 | 2.92 |
| December | 9,784 | 343 | 1.93 | 54.95 | 5.75 | 125.9 | 319,604 | 311,919 | 4.93 | 5.05 | 96.3 | 3.10 |
| **2014** | | | | | | | | | | | | |
| January | 8,753 | 309 | 1.79 | 50.66 | 5.22 | 88.7 | 308,967 | 301,902 | 6.20 | 6.34 | 97.7 | 3.44 |
| February | 8,883 | 312 | 2.01 | 57.15 | 5.47 | 113.1 | 247,518 | 241,777 | 7.01 | 7.18 | 97.3 | 3.55 |
| March | 11,235 | 396 | 1.94 | 54.97 | 5.85 | 119.1 | 257,997 | 252,175 | 5.92 | 6.06 | 98.2 | 3.22 |
| April | 11,184 | 394 | 2.07 | 58.69 | 5.98 | 186.0 | 256,911 | 250,788 | 5.33 | 5.46 | 98.3 | 3.12 |
| May | 10,813 | 383 | 2.13 | 60.11 | 5.57 | 127.3 | 315,637 | 307,499 | 5.26 | 5.40 | 97.8 | 3.17 |
| June | 9,321 | 325 | 1.97 | 56.35 | 5.85 | 99.7 | 333,374 | 324,743 | 5.16 | 5.30 | 96.8 | 3.17 |
| July | 9,697 | 339 | 1.79 | 51.25 | 5.70 | 119.2 | 374,870 | 364,240 | 4.83 | 4.97 | 96.1 | 3.11 |
| August | 10,451 | 365 | 1.85 | 52.89 | 5.51 | 127.9 | 407,404 | 395,736 | 4.46 | 4.59 | 96.4 | 3.03 |
| Sept | 9,844 | 345 | 1.81 | 51.54 | 5.40 | 128.7 | 336,865 | 326,815 | 4.63 | 4.77 | 95.8 | 3.02 |
| October | 9,240 | 326 | 1.65 | 46.75 | 5.25 | 183.7 | 306,705 | 297,593 | 4.56 | 4.71 | 96.4 | 2.90 |
| November | 10,079 | 354 | 1.70 | 48.51 | 5.43 | 159.9 | 274,868 | 266,620 | 4.75 | 4.90 | 97.2 | 2.93 |
| December | 14,294 | 499 | 1.90 | 54.38 | 5.40 | 154.9 | 293,615 | 284,687 | 4.60 | 4.74 | 97.8 | 3.12 |
| **Year to Date** | | | | | | | | | | | | |
| 2012 | 72,782 | 2,521 | 2.30 | 66.40 | 5.46 | 119.8 | 4,083,579 | 4,003,457 | 3.74 | 3.81 | 97.6 | 2.86 |
| 2013 | 99,088 | 3,463 | 2.11 | 60.30 | 5.34 | 101.6 | 3,939,408 | 3,851,241 | 4.49 | 4.59 | 97.0 | 2.99 |
| 2014 | 123,793 | 4,349 | 1.89 | 53.77 | 5.56 | 129.6 | 3,714,733 | 3,614,573 | 5.16 | 5.30 | 97.1 | 3.14 |

Displayed values of zero may 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.

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See Glossary for definitions.
Values for 2013 and prior years are final. Values for 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.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.

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

## Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2004 - December 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 | 4,032,431 | 217,572 | 2.20 | 40.95 | 1.48 | 99.1 | 43,432 | 7,205 | 19.71 | 118.88 | 0.45 | 110.1 |
| 2014 | 4,096,609 | 219,181 | 2.24 | 41.84 | 1.49 | 101.8 | 70,520 | 11,760 | 19.88 | 119.39 | 0.45 | 99.0 |
| **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 | 352,557 | 18,976 | 2.21 | 41.20 | 1.51 | 99.1 | 2,963 | 495 | 21.11 | 126.80 | 0.54 | 45.0 |
| February | 308,971 | 16,694 | 2.18 | 40.44 | 1.56 | 93.3 | 4,345 | 712 | 20.68 | 126.61 | 0.51 | 117.8 |
| March | 319,485 | 17,108 | 2.24 | 41.93 | 1.57 | 94.1 | 4,016 | 661 | 19.63 | 119.32 | 0.41 | 206.0 |
| April | 303,157 | 16,041 | 2.21 | 41.98 | 1.60 | 106.6 | 2,074 | 350 | W | W | 0.44 | 94.2 |
| May | 345,413 | 18,316 | 2.23 | 42.25 | 1.53 | 113.7 | 2,404 | 402 | 20.48 | 122.55 | 0.43 | 104.1 |
| June | 331,183 | 17,955 | 2.22 | 40.98 | 1.41 | 95.5 | 2,048 | 344 | 20.51 | 122.17 | 0.43 | 84.9 |
| July | 336,772 | 18,662 | 2.18 | 39.50 | 1.28 | 86.5 | 3,386 | 564 | 20.03 | 120.23 | 0.46 | 68.0 |
| August | 369,852 | 20,185 | 2.16 | 39.71 | 1.41 | 99.2 | 3,449 | 582 | 19.54 | 115.78 | 0.39 | 147.1 |
| Sept | 361,593 | 19,609 | 2.20 | 40.72 | 1.48 | 101.2 | 4,942 | 821 | 18.64 | 112.29 | 0.40 | 180.6 |
| October | 338,484 | 18,086 | 2.22 | 41.67 | 1.47 | 108.4 | 3,904 | 647 | 19.14 | 115.55 | 0.47 | 175.5 |
| November | 328,769 | 17,596 | 2.18 | 40.82 | 1.50 | 109.0 | 6,401 | 1,051 | 18.52 | 113.07 | 0.49 | 284.8 |
| December | 336,195 | 18,343 | 2.20 | 40.48 | 1.44 | 90.2 | 3,498 | 576 | 19.73 | 119.40 | 0.43 | 61.3 |
| **2014** | | | | | | | | | | | | |
| January | 350,905 | 19,050 | 2.24 | 41.28 | 1.46 | 90.9 | 14,545 | 2,432 | 22.04 | 132.11 | 0.46 | 42.4 |
| February | 314,645 | 16,810 | 2.27 | 42.55 | 1.53 | 84.6 | 13,366 | 2,197 | 21.48 | 131.02 | 0.39 | 185.0 |
| March | 366,874 | 19,151 | 2.31 | 44.21 | 1.49 | 100.2 | 6,040 | 1,013 | 22.58 | 134.67 | 0.52 | 62.3 |
| April | 345,380 | 18,077 | 2.28 | 43.56 | 1.48 | 114.8 | 2,123 | 360 | 21.86 | 128.91 | 0.48 | 122.7 |
| May | 346,525 | 18,254 | 2.29 | 43.49 | 1.55 | 114.9 | 3,114 | 515 | 20.13 | 121.81 | 0.52 | 150.3 |
| June | 334,501 | 17,873 | 2.28 | 42.65 | 1.53 | 101.6 | 2,781 | 462 | 21.06 | 126.86 | 0.51 | 133.8 |
| July | 338,433 | 18,407 | 2.23 | 40.92 | 1.45 | 92.1 | 2,293 | 385 | 21.58 | 128.67 | 0.50 | 95.1 |
| August | 351,259 | 19,006 | 2.20 | 40.73 | 1.49 | 96.8 | 2,146 | 361 | W | W | 0.49 | 79.2 |
| Sept | 326,150 | 17,536 | 2.21 | 41.14 | 1.55 | 100.2 | 3,143 | 523 | 19.18 | 115.94 | 0.50 | 161.2 |
| October | 332,719 | 17,836 | 2.18 | 40.69 | 1.41 | 116.9 | 5,736 | 956 | 17.56 | 105.37 | 0.44 | 278.5 |
| November | 329,754 | 17,767 | 2.18 | 40.50 | 1.46 | 104.4 | 10,062 | 1,687 | 15.60 | 93.15 | 0.38 | 403.0 |
| December | 359,464 | 19,414 | 2.18 | 40.43 | 1.44 | 116.3 | 5,171 | 870 | 15.56 | 92.53 | 0.53 | 217.9 |
| **Year to Date** | | | | | | | | | | | | |
| 2012 | 4,036,436 | 218,341 | 2.21 | 40.92 | 1.42 | 104.9 | 23,922 | 4,073 | 22.34 | 131.28 | 0.44 | 79.8 |
| 2013 | 4,032,431 | 217,572 | 2.20 | 40.95 | 1.48 | 99.1 | 43,432 | 7,205 | 19.71 | 118.88 | 0.45 | 110.1 |
| 2014 | 4,096,609 | 219,181 | 2.24 | 41.84 | 1.49 | 101.8 | 70,520 | 11,760 | 19.88 | 119.39 | 0.45 | 99.0 |

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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 - December 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 | 65.6 | 4,025,263 | 3,917,898 | 4.25 | 4.36 | 92.8 | W |
| 2014 | 13,781 | 488 | W | W | 5.33 | 70.9 | 4,236,618 | 4,111,996 | 4.92 | 5.07 | 92.9 | W |
| **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 | 67.8 | 305,859 | 297,827 | 4.59 | 4.72 | 92.6 | 3.29 |
| February | 1,424 | 51 | 0.00 | 0.00 | 5.39 | 74.3 | 271,071 | 264,155 | 4.73 | 4.85 | 91.0 | 3.39 |
| March | 1,474 | 53 | 0.00 | 0.00 | 5.36 | 69.9 | 293,315 | 285,996 | 4.36 | 4.47 | 92.2 | 3.27 |
| April | 1,507 | 54 | W | W | 5.44 | 76.0 | 282,900 | 275,394 | 4.56 | 4.68 | 92.9 | W |
| May | 1,628 | 57 | W | W | 5.43 | 118.1 | 304,542 | 296,100 | 4.45 | 4.58 | 92.9 | W |
| June | 1,541 | 54 | W | W | 5.43 | 80.3 | 357,118 | 347,375 | 4.20 | 4.32 | 92.9 | W |
| July | 1,543 | 54 | W | W | 5.37 | 67.4 | 457,359 | 444,633 | 4.06 | 4.17 | 92.9 | W |
| August | 951 | 34 | W | W | 5.36 | 33.2 | 439,538 | 428,028 | 3.67 | 3.77 | 93.5 | W |
| Sept | 118 | 4 | W | W | 5.22 | 6.1 | 372,893 | 362,795 | 3.83 | 3.94 | 93.9 | W |
| October | 1,492 | 53 | W | W | 5.33 | 73.4 | 311,285 | 302,936 | 3.86 | 3.96 | 93.3 | W |
| November | 1,490 | 52 | 0.00 | 0.00 | 5.43 | 77.3 | 301,695 | 293,861 | 4.03 | 4.14 | 92.9 | 3.11 |
| December | 1,538 | 55 | W | W | 5.42 | 70.9 | 327,686 | 318,797 | 5.05 | 5.19 | 92.4 | W |
| **2014** | | | | | | | | | | | | |
| January | 922 | 33 | W | W | 5.35 | 52.1 | 336,380 | 327,589 | 8.51 | 8.74 | 92.6 | W |
| February | 1,039 | 38 | 0.00 | 0.00 | 5.27 | 60.5 | 282,563 | 274,863 | 8.22 | 8.45 | 91.4 | 5.15 |
| March | 1,127 | 41 | W | W | 5.47 | 62.2 | 284,981 | 277,149 | 6.35 | 6.53 | 91.8 | W |
| April | 1,047 | 37 | W | W | 5.53 | 57.7 | 279,495 | 271,880 | 4.86 | 5.00 | 92.1 | W |
| May | 1,419 | 50 | W | W | 5.35 | 88.2 | 317,301 | 308,271 | 4.54 | 4.68 | 92.5 | W |
| June | 1,349 | 47 | W | W | 5.24 | 103.8 | 374,148 | 363,114 | 4.47 | 4.61 | 93.4 | W |
| July | 1,124 | 39 | W | W | 5.55 | 68.7 | 448,710 | 435,451 | 4.03 | 4.15 | 93.7 | W |
| August | 1,401 | 49 | W | W | 5.39 | 84.4 | 473,204 | 458,695 | 3.76 | 3.88 | 93.9 | W |
| Sept | 946 | 33 | W | W | 5.29 | 47.9 | 417,116 | 404,366 | 3.77 | 3.88 | 93.7 | W |
| October | 821 | 29 | W | W | 5.26 | 91.0 | 380,154 | 368,467 | 3.63 | 3.74 | 93.3 | W |
| November | 1,066 | 36 | W | W | 5.29 | 87.7 | 311,963 | 302,414 | 4.30 | 4.43 | 92.5 | W |
| December | 1,520 | 53 | W | W | 5.10 | 76.6 | 330,603 | 319,737 | 4.08 | 4.22 | 92.8 | W |
| **Year to Date** | | | | | | | | | | | | |
| 2012 | 23,024 | 801 | 0.82 | 23.98 | 5.49 | 92.1 | 4,810,553 | 4,696,637 | 3.17 | 3.25 | 93.8 | 2.74 |
| 2013 | 16,150 | 575 | W | W | 5.39 | 65.6 | 4,025,263 | 3,917,898 | 4.25 | 4.36 | 92.8 | W |
| 2014 | 13,781 | 488 | W | W | 5.33 | 70.9 | 4,236,618 | 4,111,996 | 4.92 | 5.07 | 92.9 | W |

Displayed values of zero may 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.

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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 - December 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 | 11.2 | 0 | 0 | -- | -- | -- | 0.0 |
| 2014 | 3,746 | 163 | W | W | 2.70 | 12.3 | 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 | 11.2 | 0 | 0 | -- | -- | -- | 0.0 |
| February | 394 | 17 | W | W | 3.07 | 12.2 | 0 | 0 | -- | -- | -- | 0.0 |
| March | 489 | 21 | W | W | 2.74 | 16.0 | 0 | 0 | -- | -- | -- | 0.0 |
| April | 241 | 10 | W | W | 3.04 | 10.4 | 0 | 0 | -- | -- | -- | 0.0 |
| May | 383 | 17 | W | W | 2.96 | 15.8 | 0 | 0 | -- | -- | -- | 0.0 |
| June | 355 | 16 | W | W | 2.91 | 15.2 | 0 | 0 | -- | -- | -- | 0.0 |
| July | 209 | 9 | W | W | 3.41 | 8.9 | 0 | 0 | -- | -- | -- | 0.0 |
| August | 386 | 17 | W | W | 2.82 | 16.3 | 0 | 0 | -- | -- | -- | 0.0 |
| Sept | 143 | 6 | W | W | 3.37 | 6.4 | 0 | 0 | -- | -- | -- | 0.0 |
| October | 61 | 3 | W | W | 3.34 | 2.9 | 0 | 0 | -- | -- | -- | 0.0 |
| November | 202 | 9 | W | W | 3.52 | 7.9 | 0 | 0 | -- | -- | -- | 0.0 |
| December | 254 | 11 | W | W | 3.45 | 8.6 | 0 | 0 | -- | -- | -- | 0.0 |
| **2014** | | | | | | | | | | | | |
| January | 400 | 18 | W | W | 3.06 | 12.0 | 0 | 0 | -- | -- | -- | 0.0 |
| February | 407 | 18 | W | W | 2.91 | 12.4 | 0 | 0 | -- | -- | -- | 0.0 |
| March | 452 | 20 | W | W | 2.72 | 14.1 | 0 | 0 | -- | -- | -- | 0.0 |
| April | 364 | 15 | W | W | 1.91 | 13.5 | 0 | 0 | -- | -- | -- | 0.0 |
| May | 475 | 21 | W | W | 2.54 | 22.5 | 0 | 0 | -- | -- | -- | 0.0 |
| June | 116 | 5 | W | W | 2.88 | 5.7 | 0 | 0 | -- | -- | -- | 0.0 |
| July | 261 | 11 | W | W | 2.52 | 11.4 | 0 | 0 | -- | -- | -- | 0.0 |
| August | 159 | 7 | W | W | 2.96 | 7.5 | 0 | 0 | -- | -- | -- | 0.0 |
| Sept | 306 | 13 | W | W | 2.56 | 14.9 | 0 | 0 | -- | -- | -- | 0.0 |
| October | 313 | 14 | W | W | 2.72 | 15.7 | 0 | 0 | -- | -- | -- | 0.0 |
| November | 229 | 10 | W | W | 3.00 | 8.8 | 0 | 0 | -- | -- | -- | 0.0 |
| December | 264 | 12 | W | W | 2.96 | 9.6 | 0 | 0 | -- | -- | -- | 0.0 |
| **Year to Date** | | | | | | | | | | | | |
| 2012 | 4,427 | 192 | 3.41 | 78.71 | 2.75 | 13.2 | 247 | 43 | W | W | 0.00 | 11.0 |
| 2013 | 3,507 | 151 | W | W | 3.05 | 11.2 | 0 | 0 | -- | -- | -- | 0.0 |
| 2014 | 3,746 | 163 | W | W | 2.70 | 12.3 | 0 | 0 | -- | -- | -- | 0.0 |

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NM = Not meaningful due to large relative standard error or excessive percentage change.
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Totals may not equal sum of components because of independent rounding.
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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.
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 - December 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 | 4.6 | W |
| 2014 | 0 | 0 | -- | -- | -- | 0.0 | 5,765 | 5,712 | 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 | 3.4 | W |
| February | 0 | 0 | -- | -- | -- | 0.0 | 361 | 357 | W | W | 4.1 | W |
| March | 0 | 0 | -- | -- | -- | 0.0 | 382 | 378 | W | W | 4.0 | W |
| April | 0 | 0 | -- | -- | -- | 0.0 | 375 | 371 | W | W | 4.3 | W |
| May | 0 | 0 | -- | -- | -- | 0.0 | 467 | 464 | W | W | 5.2 | W |
| June | 0 | 0 | -- | -- | -- | 0.0 | 404 | 401 | W | W | 4.2 | W |
| July | 0 | 0 | -- | -- | -- | 0.0 | 445 | 440 | W | W | 3.6 | W |
| August | 0 | 0 | -- | -- | -- | 0.0 | 414 | 411 | W | W | 3.7 | W |
| Sept | 0 | 0 | -- | -- | -- | 0.0 | 560 | 554 | W | W | 5.4 | W |
| October | 0 | 0 | -- | -- | -- | 0.0 | 633 | 629 | W | W | 6.9 | W |
| November | 0 | 0 | -- | -- | -- | 0.0 | 529 | 524 | W | W | 5.7 | W |
| December | 0 | 0 | -- | -- | -- | 0.0 | 599 | 592 | W | W | 5.5 | W |
| **2014** | | | | | | | | | | | | |
| January | 0 | 0 | -- | -- | -- | 0.0 | 405 | 400 | W | W | 3.7 | W |
| February | 0 | 0 | -- | -- | -- | 0.0 | 296 | 292 | W | W | 3.2 | W |
| March | 0 | 0 | -- | -- | -- | 0.0 | 354 | 349 | W | W | 3.8 | W |
| April | 0 | 0 | -- | -- | -- | 0.0 | 439 | 435 | W | W | 5.1 | W |
| May | 0 | 0 | -- | -- | -- | 0.0 | 490 | 486 | W | W | 5.7 | W |
| June | 0 | 0 | -- | -- | -- | 0.0 | 438 | 435 | W | W | 5.0 | W |
| July | 0 | 0 | -- | -- | -- | 0.0 | 475 | 471 | W | W | 5.0 | W |
| August | 0 | 0 | -- | -- | -- | 0.0 | 624 | 619 | W | W | 6.3 | W |
| Sept | 0 | 0 | -- | -- | -- | 0.0 | 553 | 548 | W | W | 5.9 | W |
| October | 0 | 0 | -- | -- | -- | 0.0 | 578 | 573 | W | W | 6.1 | W |
| November | 0 | 0 | -- | -- | -- | 0.0 | 476 | 471 | W | W | 5.1 | W |
| December | 0 | 0 | -- | -- | -- | 0.0 | 638 | 632 | W | W | 6.5 | W |
| **Year to Date** | | | | | | | | | | | | |
| 2012 | 0 | 0 | -- | -- | -- | 0.0 | 18,315 | 18,008 | 5.88 | 5.98 | 16.2 | W |
| 2013 | 0 | 0 | -- | -- | -- | 0.0 | 5,497 | 5,450 | W | W | 4.6 | W |
| 2014 | 0 | 0 | -- | -- | -- | 0.0 | 5,765 | 5,712 | W | W | 5.1 | W |

Displayed values of zero may 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.

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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 - December 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 | 275,543 | 12,727 | W | W | 1.32 | 64.4 | 2,431 | 394 | 18.20 | 112.29 | 1.43 | 15.8 |
| 2014 | 203,039 | 8,976 | W | W | 1.54 | 45.1 | 1,937 | 315 | 18.03 | 110.83 | 1.52 | 11.0 |
| **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 | 22,923 | 1,071 | W | W | 1.23 | 60.6 | 330 | 53 | 18.32 | 113.35 | 1.58 | 20.1 |
| February | 20,789 | 962 | W | W | 1.31 | 60.2 | 214 | 35 | 18.09 | 110.29 | 1.33 | 15.3 |
| March | 23,120 | 1,078 | W | W | 1.24 | 61.7 | 318 | 52 | 18.11 | 111.18 | 1.25 | 26.9 |
| April | 21,566 | 986 | W | W | 1.35 | 63.0 | 226 | 36 | W | W | 1.63 | 18.6 |
| May | 23,533 | 1,082 | W | W | 1.31 | 66.8 | 244 | 39 | 17.85 | 110.67 | 1.41 | 19.2 |
| June | 22,312 | 1,032 | W | W | 1.18 | 66.0 | 246 | 40 | 18.19 | 112.54 | 1.69 | 22.2 |
| July | 24,077 | 1,120 | W | W | 1.29 | 67.0 | 208 | 33 | 17.37 | 108.22 | 1.66 | 20.8 |
| August | 24,220 | 1,116 | W | W | 1.30 | 68.6 | 161 | 26 | 18.55 | 113.24 | 1.38 | 17.0 |
| Sept | 23,042 | 1,066 | W | W | 1.37 | 69.7 | 80 | 13 | 18.61 | 114.88 | 1.32 | 8.8 |
| October | 22,581 | 1,031 | W | W | 1.38 | 63.7 | 102 | 17 | 19.09 | 118.20 | 0.80 | 10.1 |
| November | 23,845 | 1,092 | W | W | 1.42 | 64.9 | 104 | 17 | 19.02 | 115.77 | 1.00 | 9.5 |
| December | 23,534 | 1,091 | W | W | 1.40 | 61.8 | 198 | 32 | 18.35 | 113.33 | 1.25 | 7.7 |
| **2014** | | | | | | | | | | | | |
| January | 16,877 | 750 | W | W | 1.49 | 40.3 | 310 | 50 | 19.16 | 117.73 | 1.34 | 7.7 |
| February | 16,046 | 707 | W | W | 1.53 | 41.5 | 274 | 44 | 20.61 | 127.88 | 1.01 | 13.1 |
| March | 18,501 | 816 | W | W | 1.62 | 44.4 | 115 | 19 | 21.18 | 130.19 | 1.11 | 5.8 |
| April | 16,782 | 751 | W | W | 1.46 | 47.8 | 118 | 19 | 16.98 | 105.64 | 1.78 | 13.3 |
| May | 15,920 | 709 | W | W | 1.47 | 43.6 | 126 | 20 | 17.42 | 107.63 | 1.81 | 12.1 |
| June | 15,904 | 703 | W | W | 1.61 | 44.8 | 185 | 30 | 18.05 | 111.09 | 1.86 | 15.5 |
| July | 17,479 | 773 | W | W | 1.49 | 46.5 | 121 | 20 | 15.79 | 98.08 | 1.72 | 11.7 |
| August | 18,015 | 794 | W | W | 1.58 | 47.7 | 110 | 18 | W | W | 1.64 | 9.4 |
| Sept | 16,624 | 732 | W | W | 1.47 | 45.8 | 132 | 22 | 17.63 | 107.87 | 1.95 | 13.5 |
| October | 17,061 | 752 | W | W | 1.59 | 48.0 | 135 | 22 | 16.12 | 98.52 | 1.65 | 16.2 |
| November | 16,880 | 745 | W | W | 1.61 | 47.0 | 148 | 25 | 17.58 | 105.86 | 1.47 | 11.3 |
| December | 16,952 | 743 | W | W | 1.52 | 45.4 | 164 | 27 | 15.14 | 92.18 | 1.47 | 15.7 |
| **Year to Date** | | | | | | | | | | | | |
| 2012 | 285,172 | 13,206 | 3.02 | 65.24 | 1.33 | 65.8 | 6,739 | 1,095 | W | W | 1.52 | 40.8 |
| 2013 | 275,543 | 12,727 | W | W | 1.32 | 64.4 | 2,431 | 394 | 18.20 | 112.29 | 1.43 | 15.8 |
| 2014 | 203,039 | 8,976 | W | W | 1.54 | 45.1 | 1,937 | 315 | 18.03 | 110.83 | 1.52 | 11.0 |

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NM = Not meaningful due to large relative standard error or excessive percentage change.
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See Glossary for definitions.
Values for 2013 and prior years are final. Values for 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.
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 - December 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 | 17,236 | 623 | W | W | 5.82 | 30.5 | 750,946 | 728,835 | W | W | 62.3 | W |
| 2014 | 7,120 | 255 | W | W | 5.89 | 14.5 | 714,558 | 691,601 | W | W | 61.8 | W |
| **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 | 1,844 | 67 | 2.30 | 63.72 | 6.13 | 34.8 | 61,781 | 60,209 | W | W | 60.2 | W |
| February | 1,058 | 38 | 2.38 | 65.94 | 6.03 | 30.4 | 59,307 | 57,544 | W | W | 64.4 | W |
| March | 1,317 | 47 | 2.40 | 67.24 | 6.03 | 26.2 | 63,464 | 61,243 | W | W | 63.0 | W |
| April | 1,424 | 51 | W | W | 5.96 | 30.6 | 58,374 | 56,733 | W | W | 61.4 | W |
| May | 1,520 | 54 | W | W | 5.82 | 28.5 | 62,146 | 60,458 | W | W | 64.7 | W |
| June | 1,686 | 61 | W | W | 5.70 | 32.1 | 64,256 | 62,350 | W | W | 65.2 | W |
| July | 1,666 | 59 | W | W | 5.99 | 30.2 | 63,859 | 61,986 | W | W | 59.3 | W |
| August | 2,041 | 72 | W | W | 5.94 | 33.2 | 64,617 | 62,815 | W | W | 60.6 | W |
| Sept | 1,565 | 56 | W | W | 5.68 | 34.3 | 60,028 | 58,253 | W | W | 60.9 | W |
| October | 1,252 | 46 | W | W | 5.36 | 29.1 | 62,118 | 60,239 | W | W | 63.0 | W |
| November | 677 | 25 | 2.36 | 65.25 | 5.58 | 21.5 | 64,376 | 62,456 | W | W | 64.0 | W |
| December | 1,189 | 45 | W | W | 5.28 | 31.4 | 66,621 | 64,548 | W | W | 61.4 | W |
| **2014** | | | | | | | | | | | | |
| January | 219 | 8 | W | W | 6.07 | 5.3 | 63,493 | 61,584 | W | W | 59.7 | W |
| February | 161 | 6 | W | W | 6.30 | 4.4 | 56,999 | 55,245 | W | W | 62.2 | W |
| March | 577 | 21 | W | W | 5.82 | 14.5 | 62,891 | 60,988 | W | W | 62.8 | W |
| April | 503 | 18 | W | W | 6.00 | 14.4 | 56,195 | 54,553 | W | W | 61.2 | W |
| May | 361 | 13 | W | W | 5.57 | 13.7 | 57,677 | 55,846 | W | W | 64.2 | W |
| June | 766 | 27 | W | W | 5.67 | 23.7 | 58,178 | 56,342 | W | W | 63.2 | W |
| July | 571 | 20 | W | W | 5.85 | 10.5 | 62,126 | 60,142 | W | W | 63.9 | W |
| August | 666 | 24 | W | W | 5.86 | 12.3 | 62,503 | 60,408 | W | W | 63.3 | W |
| Sept | 769 | 27 | W | W | 6.00 | 16.1 | 57,174 | 55,248 | W | W | 59.9 | W |
| October | 736 | 26 | W | W | 6.00 | 19.8 | 55,885 | 54,016 | W | W | 60.2 | W |
| November | 835 | 31 | W | W | 5.89 | 20.1 | 59,425 | 57,413 | W | W | 61.2 | W |
| December | 956 | 35 | W | W | 5.94 | 20.9 | 62,014 | 59,817 | W | W | 60.2 | W |
| **Year to Date** | | | | | | | | | | | | |
| 2012 | 23,861 | 858 | 2.62 | 72.96 | 5.86 | 42.2 | 834,245 | 813,288 | 2.97 | 3.05 | 70.8 | W |
| 2013 | 17,236 | 623 | W | W | 5.82 | 30.5 | 750,946 | 728,835 | W | W | 62.3 | W |
| 2014 | 7,120 | 255 | W | W | 5.89 | 14.5 | 714,558 | 691,601 | W | W | 61.8 | W |

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

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 193 | 402 | -52.0% | 37 | 50 | 151 | 348 | 0 | 0 | 5 | 4 |
| Connecticut | 81 | 82 | -1.6% | 0 | 0 | 81 | 82 | 0 | 0 | 0 | 0 |
| Maine | 9 | 10 | -15.0% | 0 | 0 | 4 | 6 | 0 | 0 | 5 | 4 |
| Massachusetts | 67 | 259 | -74.0% | 0 | 0 | 67 | 259 | 0 | 0 | 0 | 0 |
| New Hampshire | 37 | 50 | -27.0% | 37 | 50 | 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 | 3,090 | 3,286 | -5.9% | 0 | 0 | 3,053 | 3,204 | 0 | 0 | 37 | 82 |
| New Jersey | 129 | 95 | 37.0% | 0 | 0 | 129 | 95 | 0 | 0 | 0 | 0 |
| New York | 133 | 170 | -22.0% | 0 | 0 | 109 | 137 | 0 | 0 | 24 | 33 |
| Pennsylvania | 2,828 | 3,021 | -6.4% | 0 | 0 | 2,815 | 2,971 | 0 | 0 | 13 | 49 |
| East North Central | 17,505 | 15,808 | 11.0% | 11,093 | 10,256 | 6,130 | 5,256 | 0 | 0 | 281 | 296 |
| Illinois | 5,954 | 5,220 | 14.0% | 536 | 533 | 5,244 | 4,483 | 0 | 0 | 174 | 204 |
| Indiana | 3,245 | 3,239 | 0.2% | 2,990 | 2,989 | 256 | 250 | 0 | 0 | 0 | 0 |
| Michigan | 3,006 | 2,519 | 19.0% | 2,962 | 2,475 | 30 | 33 | 0 | 0 | 14 | 11 |
| Ohio | 3,340 | 3,036 | 10.0% | 2,715 | 2,520 | 600 | 489 | 0 | 0 | 25 | 27 |
| Wisconsin | 1,960 | 1,794 | 9.2% | 1,891 | 1,740 | 0 | 0 | 0 | 0 | 69 | 54 |
| West North Central | 12,228 | 10,895 | 12.0% | 12,116 | 10,600 | 0 | 0 | 12 | 11 | 100 | 284 |
| Iowa | 1,665 | 1,587 | 5.0% | 1,565 | 1,389 | 0 | 0 | 0 | 0 | 100 | 198 |
| Kansas | 1,436 | 1,499 | -4.2% | 1,436 | 1,499 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 1,725 | 1,126 | 53.0% | 1,725 | 1,096 | 0 | 0 | 0 | 0 | 0 | 29 |
| Missouri | 4,030 | 3,365 | 20.0% | 4,019 | 3,354 | 0 | 0 | 12 | 11 | 0 | 0 |
| Nebraska | 1,244 | 1,168 | 6.5% | 1,244 | 1,111 | 0 | 0 | 0 | 0 | 0 | 57 |
| North Dakota | 1,951 | 1,966 | -0.8% | 1,951 | 1,966 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 177 | 184 | -3.9% | 177 | 184 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 10,322 | 9,532 | 8.3% | 8,568 | 7,435 | 1,615 | 1,902 | 0 | 0 | 139 | 196 |
| Delaware | 70 | 81 | -14.0% | 0 | 0 | 70 | 81 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 2,220 | 1,735 | 28.0% | 2,168 | 1,665 | 52 | 51 | 0 | 0 | 0 | 20 |
| Georgia | 1,703 | 1,514 | 12.0% | 1,671 | 1,476 | 0 | 0 | 0 | 0 | 32 | 38 |
| Maryland | 559 | 543 | 2.8% | 0 | 0 | 528 | 512 | 0 | 0 | 31 | 32 |
| North Carolina | 1,483 | 1,264 | 17.0% | 1,483 | 1,167 | 0 | 68 | 0 | 0 | 0 | 30 |
| South Carolina | 964 | 789 | 22.0% | 947 | 779 | 0 | 0 | 0 | 0 | 17 | 10 |
| Virginia | 803 | 931 | -14.0% | 716 | 831 | 56 | 61 | 0 | 0 | 31 | 38 |
| West Virginia | 2,521 | 2,675 | -5.8% | 1,584 | 1,517 | 910 | 1,129 | 0 | 0 | 27 | 28 |
| East South Central | 7,560 | 7,165 | 5.5% | 7,184 | 6,757 | 253 | 278 | 0 | 0 | 123 | 130 |
| Alabama | 2,076 | 2,036 | 1.9% | 2,076 | 2,036 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 3,540 | 3,307 | 7.0% | 3,540 | 3,307 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 541 | 446 | 21.0% | 288 | 168 | 253 | 278 | 0 | 0 | 0 | 0 |
| Tennessee | 1,404 | 1,377 | 2.0% | 1,280 | 1,246 | 0 | 0 | 0 | 0 | 123 | 130 |
| West South Central | 13,688 | 11,934 | 15.0% | 6,879 | 6,049 | 6,805 | 5,838 | 0 | 0 | 4 | 47 |
| Arkansas | 1,664 | 1,557 | 6.8% | 1,512 | 1,362 | 148 | 195 | 0 | 0 | 4 | 0 |
| Louisiana | 1,091 | 938 | 16.0% | 489 | 349 | 601 | 589 | 0 | 0 | 0 | 0 |
| Oklahoma | 1,783 | 1,691 | 5.4% | 1,643 | 1,566 | 140 | 79 | 0 | 0 | 0 | 47 |
| Texas | 9,150 | 7,747 | 18.0% | 3,235 | 2,772 | 5,915 | 4,975 | 0 | 0 | 0 | 0 |
| Mountain | 8,709 | 8,646 | 0.7% | 7,834 | 7,782 | 875 | 863 | 0 | 0 | 0 | 0 |
| Arizona | 1,935 | 1,772 | 9.2% | 1,935 | 1,772 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 1,448 | 1,547 | -6.4% | 1,448 | 1,547 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 815 | 716 | 14.0% | 0 | 23 | 815 | 694 | 0 | 0 | 0 | 0 |
| Nevada | 262 | 90 | 190.0% | 202 | 0 | 60 | 90 | 0 | 0 | 0 | 0 |
| New Mexico | 1,158 | 959 | 21.0% | 1,158 | 959 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 963 | 1,110 | -13.0% | 963 | 1,079 | 0 | 32 | 0 | 0 | 0 | 0 |
| Wyoming | 2,128 | 2,452 | -13.0% | 2,128 | 2,404 | 0 | 48 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 665 | 820 | -19.0% | 139 | 174 | 472 | 593 | 0 | 0 | 54 | 53 |
| California | 54 | 53 | 1.8% | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 53 |
| Oregon | 139 | 174 | -20.0% | 139 | 174 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 472 | 593 | -20.0% | 0 | 0 | 472 | 593 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 61 | 62 | -1.4% | 0 | 0 | 61 | 62 | 0 | 0 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 61 | 62 | -1.4% | 0 | 0 | 61 | 62 | 0 | 0 | 0 | 0 |
| U.S. Total | 74,020 | 68,548 | 8.0% | 53,851 | 49,103 | 19,414 | 18,343 | 12 | 11 | 743 | 1,091 |

Displayed values of zero may 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.

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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 4.6.B. Receipts of Coal Delivered for Electricity Generation by State, (Year-to-Date) December 2014 and 2013**
**(Thousand Tons)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 2,577 | 2,917 | -12.0% | 526 | 726 | 2,019 | 2,163 | 0 | 0 | 32 | 28 |
| Connecticut | 487 | 320 | 52.0% | 0 | 0 | 487 | 320 | 0 | 0 | 0 | 0 |
| Maine | 85 | 66 | 30.0% | 0 | 0 | 53 | 38 | 0 | 0 | 32 | 28 |
| Massachusetts | 1,225 | 1,805 | -32.0% | 0 | 0 | 1,225 | 1,805 | 0 | 0 | 0 | 0 |
| New Hampshire | 526 | 726 | -28.0% | 526 | 726 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rhode Island | 254 | 0 | -- | 0 | 0 | 254 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 36,926 | 42,558 | -13.0% | 0 | 0 | 36,460 | 41,664 | 0 | 0 | 465 | 893 |
| New Jersey | 1,091 | 1,105 | -1.2% | 0 | 0 | 1,091 | 1,105 | 0 | 0 | 0 | 0 |
| New York | 2,903 | 2,467 | 18.0% | 0 | 0 | 2,588 | 2,127 | 0 | 0 | 315 | 341 |
| Pennsylvania | 32,932 | 38,986 | -16.0% | 0 | 0 | 32,782 | 38,433 | 0 | 0 | 150 | 552 |
| East North Central | 194,481 | 185,713 | 4.7% | 126,124 | 122,129 | 65,306 | 60,337 | 70 | 58 | 2,981 | 3,189 |
| Illinois | 62,492 | 59,536 | 5.0% | 5,294 | 6,391 | 55,206 | 50,924 | 0 | 0 | 1,992 | 2,221 |
| Indiana | 40,609 | 36,386 | 12.0% | 37,751 | 33,802 | 2,858 | 2,585 | 0 | 0 | 0 | 0 |
| Michigan | 29,750 | 29,349 | 1.4% | 29,328 | 29,010 | 249 | 172 | 70 | 58 | 103 | 110 |
| Ohio | 39,483 | 37,839 | 4.3% | 32,212 | 30,933 | 6,993 | 6,657 | 0 | 0 | 278 | 250 |
| Wisconsin | 22,147 | 22,602 | -2.0% | 21,539 | 21,994 | 0 | 0 | 0 | 0 | 608 | 608 |
| West North Central | 132,390 | 133,327 | -0.7% | 131,016 | 129,798 | 0 | 0 | 93 | 94 | 1,281 | 3,435 |
| Iowa | 17,846 | 20,286 | -12.0% | 16,584 | 17,979 | 0 | 0 | 0 | 0 | 1,262 | 2,308 |
| Kansas | 18,068 | 18,424 | -1.9% | 18,068 | 18,424 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 15,871 | 13,266 | 20.0% | 15,852 | 12,908 | 0 | 0 | 0 | 0 | 19 | 358 |
| Missouri | 41,439 | 41,138 | 0.7% | 41,346 | 41,044 | 0 | 0 | 93 | 94 | 0 | 0 |
| Nebraska | 14,985 | 15,761 | -4.9% | 14,985 | 14,991 | 0 | 0 | 0 | 0 | 0 | 769 |
| North Dakota | 22,406 | 22,665 | -1.1% | 22,406 | 22,665 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 1,776 | 1,788 | -0.6% | 1,776 | 1,788 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 121,507 | 111,898 | 8.6% | 96,739 | 87,605 | 22,978 | 22,058 | 0 | 0 | 1,791 | 2,235 |
| Delaware | 534 | 614 | -13.0% | 0 | 0 | 534 | 614 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 21,908 | 19,754 | 11.0% | 21,090 | 18,766 | 817 | 756 | 0 | 0 | 0 | 232 |
| Georgia | 20,543 | 19,015 | 8.0% | 20,097 | 18,651 | 0 | 0 | 0 | 0 | 446 | 364 |
| Maryland | 8,262 | 6,828 | 21.0% | 0 | 0 | 7,901 | 6,490 | 0 | 0 | 361 | 337 |
| North Carolina | 16,658 | 16,296 | 2.2% | 16,658 | 15,038 | 0 | 877 | 0 | 0 | 0 | 381 |
| South Carolina | 10,947 | 9,130 | 20.0% | 10,752 | 8,981 | 0 | 0 | 0 | 0 | 195 | 149 |
| Virginia | 9,976 | 9,640 | 3.5% | 8,847 | 8,426 | 767 | 760 | 0 | 0 | 362 | 454 |
| West Virginia | 32,680 | 30,621 | 6.7% | 19,294 | 17,742 | 12,958 | 12,561 | 0 | 0 | 428 | 318 |
| East South Central | 87,120 | 85,706 | 1.6% | 82,738 | 80,432 | 2,875 | 3,685 | 0 | 0 | 1,507 | 1,589 |
| Alabama | 23,210 | 22,582 | 2.8% | 23,210 | 22,582 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 38,063 | 39,161 | -2.8% | 38,063 | 39,161 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 6,195 | 5,783 | 7.1% | 3,320 | 2,098 | 2,875 | 3,685 | 0 | 0 | 0 | 0 |
| Tennessee | 19,652 | 18,181 | 8.1% | 18,145 | 16,591 | 0 | 0 | 0 | 0 | 1,507 | 1,589 |
| West South Central | 150,159 | 147,020 | 2.1% | 75,723 | 74,409 | 74,380 | 72,129 | 0 | 0 | 56 | 482 |
| Arkansas | 18,630 | 17,641 | 5.6% | 16,594 | 15,558 | 1,980 | 2,083 | 0 | 0 | 56 | 0 |
| Louisiana | 12,017 | 13,990 | -14.0% | 5,574 | 7,094 | 6,443 | 6,896 | 0 | 0 | 0 | 0 |
| Oklahoma | 18,524 | 17,472 | 6.0% | 17,324 | 15,889 | 1,200 | 1,101 | 0 | 0 | 0 | 482 |
| Texas | 100,988 | 97,917 | 3.1% | 36,230 | 35,868 | 64,757 | 62,049 | 0 | 0 | 0 | 0 |
| Mountain | 102,648 | 107,007 | -4.1% | 92,852 | 96,075 | 9,523 | 10,702 | 0 | 0 | 273 | 230 |
| Arizona | 22,591 | 21,589 | 4.6% | 22,591 | 21,589 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 17,184 | 18,056 | -4.8% | 17,184 | 18,056 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 8,753 | 9,262 | -5.5% | 0 | 292 | 8,753 | 8,970 | 0 | 0 | 0 | 0 |
| Nevada | 3,924 | 2,268 | 73.0% | 3,154 | 1,482 | 770 | 786 | 0 | 0 | 0 | 0 |
| New Mexico | 11,867 | 14,153 | -16.0% | 11,867 | 14,153 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 13,438 | 15,043 | -11.0% | 13,165 | 14,383 | 0 | 430 | 0 | 0 | 273 | 230 |
| Wyoming | 24,891 | 26,637 | -6.6% | 24,891 | 26,121 | 0 | 516 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 7,602 | 6,348 | 20.0% | 2,159 | 1,597 | 4,854 | 4,105 | 0 | 0 | 588 | 646 |
| California | 771 | 793 | -2.8% | 0 | 0 | 183 | 148 | 0 | 0 | 588 | 646 |
| Oregon | 2,159 | 1,597 | 35.0% | 2,159 | 1,597 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 4,671 | 3,957 | 18.0% | 0 | 0 | 4,671 | 3,957 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 786 | 728 | 8.0% | 0 | 0 | 786 | 728 | 0 | 0 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 786 | 728 | 8.0% | 0 | 0 | 786 | 728 | 0 | 0 | 0 | 0 |
| U.S. Total | 836,196 | 823,222 | 1.6% | 607,877 | 592,772 | 219,181 | 217,572 | 163 | 151 | 8,976 | 12,727 |

Displayed values of zero may 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.
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See Glossary for definitions. Values for 2013 are final. Values for 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

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

**Table 4.7.A. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, December 2014 and 2013**
**(Thousand Barrels)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 343 | 254 | 35.0% | 110 | 6 | 230 | 246 | 0 | 0 | 3 | 2 |
| Connecticut | 72 | 106 | -32.0% | 0 | 0 | 72 | 106 | 0 | 0 | 0 | 0 |
| Maine | 139 | 91 | 53.0% | 0 | 0 | 136 | 89 | 0 | 0 | 3 | 2 |
| Massachusetts | 3 | 41 | -93.0% | 0 | 4 | 3 | 38 | 0 | 0 | 0 | 0 |
| New Hampshire | 130 | 7 | NM | 110 | 2 | 20 | 5 | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 8 | -100.0% | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 730 | 107 | 579.0% | 402 | 4 | 327 | 100 | 0 | 0 | 1 | 3 |
| New Jersey | 4 | 2 | 73.0% | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 0 |
| New York | 422 | 62 | 582.0% | 402 | 4 | 19 | 56 | 0 | 0 | 1 | 3 |
| Pennsylvania | 304 | 43 | 602.0% | 0 | 0 | 304 | 42 | 0 | 0 | 0 | 1 |
| East North Central | 172 | 134 | 28.0% | 134 | 117 | 36 | 13 | 0 | 0 | 2 | 4 |
| Illinois | 12 | 10 | 21.0% | 3 | 4 | 8 | 6 | 0 | 0 | 0 | 0 |
| Indiana | 60 | 32 | 89.0% | 60 | 32 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 20 | 21 | -0.3% | 20 | 19 | 0 | 0 | 0 | 0 | 1 | 1 |
| Ohio | 65 | 46 | 41.0% | 36 | 38 | 28 | 5 | 0 | 0 | 1 | 3 |
| Wisconsin | 15 | 26 | -42.0% | 15 | 24 | 0 | 1 | 0 | 0 | 0 | 0 |
| West North Central | 75 | 97 | -22.0% | 75 | 96 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iowa | 3 | 26 | -89.0% | 3 | 26 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kansas | 14 | 30 | -52.0% | 14 | 30 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 4 | 6 | -20.0% | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missouri | 37 | 13 | 183.0% | 37 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 2 | 6 | -67.0% | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 15 | 14 | 7.9% | 15 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 3 | -100.0% | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 485 | 241 | 101.0% | 336 | 192 | 130 | 27 | 0 | 0 | 19 | 22 |
| Delaware | 4 | 2 | 80.0% | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 150 | 68 | 120.0% | 150 | 66 | 0 | 0 | 0 | 0 | 0 | 2 |
| Georgia | 36 | 18 | 103.0% | 24 | 11 | 9 | 0 | 0 | 0 | 3 | 7 |
| Maryland | 50 | 14 | 257.0% | 0 | 0 | 50 | 14 | 0 | 0 | 0 | 0 |
| North Carolina | 48 | 79 | -40.0% | 45 | 69 | 3 | 1 | 0 | 0 | 0 | 9 |
| South Carolina | 25 | 14 | 74.0% | 13 | 11 | 0 | 0 | 0 | 0 | 12 | 3 |
| Virginia | 132 | 13 | 912.0% | 76 | 2 | 52 | 10 | 0 | 0 | 4 | 1 |
| West Virginia | 41 | 32 | 27.0% | 29 | 32 | 12 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 165 | 63 | 160.0% | 163 | 63 | 0 | 0 | 0 | 0 | 1 | 0 |
| Alabama | 11 | 6 | 91.0% | 11 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 19 | 19 | -1.8% | 19 | 19 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 1 | 23 | -97.0% | 1 | 23 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 135 | 15 | 771.0% | 133 | 15 | 0 | 0 | 0 | 0 | 1 | 0 |
| West South Central | 35 | 21 | 62.0% | 15 | 11 | 20 | 11 | 0 | 0 | 0 | 0 |
| Arkansas | 3 | 9 | -63.0% | 3 | 8 | 1 | 2 | 0 | 0 | 0 | 0 |
| Louisiana | 6 | 7 | -7.2% | 0 | 3 | 6 | 4 | 0 | 0 | 0 | 0 |
| Oklahoma | 1 | 0 | -- | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 24 | 5 | 348.0% | 11 | 0 | 13 | 5 | 0 | 0 | 0 | 0 |
| Mountain | 35 | 27 | 28.0% | 32 | 26 | 3 | 1 | 0 | 0 | 0 | 0 |
| Arizona | 1 | 5 | -75.0% | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 4 | 1 | 555.0% | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 3 | 1 | 340.0% | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 |
| Nevada | 2 | 4 | -39.0% | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | 9 | 8 | 18.0% | 9 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 7 | 3 | 133.0% | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wyoming | 7 | 6 | 17.0% | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 8 | 1 | 742.0% | 6 | 0 | 2 | 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 | 8 | 1 | 742.0% | 6 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 908 | 829 | 9.4% | 785 | 651 | 122 | 178 | 0 | 0 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 908 | 829 | 9.4% | 785 | 651 | 122 | 178 | 0 | 0 | 0 | 0 |
| U.S. Total | 2,955 | 1,775 | 66.0% | 2,058 | 1,166 | 870 | 576 | 0 | 0 | 27 | 32 |

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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.B. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, (Year-to-Date) December 2014 and 2013**
**(Thousand Barrels)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 4,522 | 3,177 | 42.0% | 755 | 421 | 3,717 | 2,730 | 0 | 0 | 50 | 25 |
| Connecticut | 1,061 | 594 | 79.0% | 0 | 0 | 1,061 | 594 | 0 | 0 | 0 | 0 |
| Maine | 637 | 898 | -29.0% | 0 | 0 | 587 | 873 | 0 | 0 | 50 | 25 |
| Massachusetts | 1,866 | 1,300 | 44.0% | 301 | 154 | 1,566 | 1,146 | 0 | 0 | 0 | 0 |
| New Hampshire | 741 | 354 | 110.0% | 455 | 268 | 287 | 86 | 0 | 0 | 0 | 0 |
| Rhode Island | 217 | 31 | 594.0% | 0 | 0 | 217 | 31 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 5,360 | 2,088 | 157.0% | 1,416 | 451 | 3,928 | 1,607 | 0 | 0 | 15 | 31 |
| New Jersey | 286 | 52 | 449.0% | 0 | 0 | 286 | 52 | 0 | 0 | 0 | 0 |
| New York | 3,545 | 1,548 | 129.0% | 1,416 | 451 | 2,114 | 1,077 | 0 | 0 | 15 | 21 |
| Pennsylvania | 1,529 | 488 | 213.0% | 0 | 0 | 1,528 | 478 | 0 | 0 | 1 | 10 |
| East North Central | 1,519 | 1,177 | 29.0% | 1,047 | 929 | 431 | 216 | 0 | 0 | 41 | 31 |
| Illinois | 179 | 129 | 38.0% | 45 | 40 | 133 | 89 | 0 | 0 | 0 | 0 |
| Indiana | 358 | 252 | 42.0% | 358 | 252 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 223 | 230 | -3.3% | 211 | 216 | 0 | 0 | 0 | 0 | 12 | 14 |
| Ohio | 644 | 466 | 38.0% | 325 | 327 | 294 | 124 | 0 | 0 | 25 | 15 |
| Wisconsin | 115 | 99 | 17.0% | 108 | 94 | 4 | 3 | 0 | 0 | 3 | 2 |
| West North Central | 605 | 500 | 21.0% | 602 | 499 | 3 | 0 | 0 | 0 | 0 | 0 |
| Iowa | 96 | 127 | -24.0% | 96 | 127 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kansas | 89 | 103 | -13.0% | 89 | 103 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 90 | 45 | 100.0% | 87 | 45 | 3 | 0 | 0 | 0 | 0 | 0 |
| Missouri | 231 | 101 | 128.0% | 231 | 101 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 36 | 35 | 2.8% | 36 | 35 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 57 | 78 | -28.0% | 57 | 78 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 6 | 10 | -41.0% | 6 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 5,604 | 2,675 | 109.0% | 3,901 | 1,979 | 1,497 | 391 | 0 | 0 | 205 | 305 |
| Delaware | 26 | 22 | 17.0% | 0 | 0 | 26 | 22 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 542 | 865 | -37.0% | 531 | 826 | 11 | 8 | 0 | 0 | 0 | 30 |
| Georgia | 399 | 222 | 80.0% | 262 | 145 | 60 | 4 | 0 | 0 | 76 | 73 |
| Maryland | 919 | 193 | 375.0% | 0 | 0 | 919 | 193 | 0 | 0 | 0 | 0 |
| North Carolina | 746 | 394 | 89.0% | 732 | 296 | 14 | 54 | 0 | 0 | 0 | 45 |
| South Carolina | 574 | 246 | 133.0% | 483 | 120 | 0 | 0 | 0 | 0 | 91 | 126 |
| Virginia | 2,107 | 436 | 383.0% | 1,650 | 296 | 419 | 109 | 0 | 0 | 38 | 31 |
| West Virginia | 291 | 296 | -1.7% | 244 | 296 | 48 | 0 | 0 | 0 | 0 | 0 |
| East South Central | 651 | 632 | 3.1% | 624 | 629 | 23 | 1 | 0 | 0 | 4 | 2 |
| Alabama | 133 | 131 | 2.0% | 110 | 130 | 23 | 1 | 0 | 0 | 0 | 0 |
| Kentucky | 218 | 195 | 12.0% | 218 | 195 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi | 24 | 41 | -41.0% | 24 | 39 | 0 | 0 | 0 | 0 | 0 | 2 |
| Tennessee | 276 | 265 | 4.1% | 272 | 265 | 0 | 0 | 0 | 0 | 4 | 0 |
| West South Central | 471 | 284 | 66.0% | 274 | 106 | 198 | 177 | 0 | 0 | 0 | 0 |
| Arkansas | 33 | 63 | -48.0% | 15 | 33 | 18 | 30 | 0 | 0 | 0 | 0 |
| Louisiana | 211 | 64 | 232.0% | 157 | 14 | 54 | 50 | 0 | 0 | 0 | 0 |
| Oklahoma | 27 | 13 | 111.0% | 27 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 200 | 144 | 39.0% | 75 | 46 | 126 | 98 | 0 | 0 | 0 | 0 |
| Mountain | 350 | 368 | -4.8% | 321 | 345 | 30 | 22 | 0 | 0 | 0 | 0 |
| Arizona | 84 | 97 | -13.0% | 84 | 97 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 9 | 4 | 103.0% | 9 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 26 | 15 | 75.0% | 0 | 0 | 26 | 15 | 0 | 0 | 0 | 0 |
| Nevada | 27 | 34 | -20.0% | 23 | 28 | 4 | 6 | 0 | 0 | 0 | 0 |
| New Mexico | 104 | 96 | 7.9% | 104 | 96 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 31 | 51 | -40.0% | 31 | 50 | 0 | 1 | 0 | 0 | 0 | 0 |
| Wyoming | 69 | 70 | -1.4% | 69 | 70 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 35 | 40 | -11.0% | 21 | 25 | 14 | 14 | 0 | 0 | 0 | 0 |
| California | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oregon | 15 | 6 | 146.0% | 15 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 20 | 34 | -40.0% | 6 | 19 | 14 | 14 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 9,238 | 9,474 | -2.5% | 7,320 | 7,429 | 1,918 | 2,045 | 0 | 0 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 9,238 | 9,474 | -2.5% | 7,320 | 7,429 | 1,918 | 2,045 | 0 | 0 | 0 | 0 |
| U.S. Total | 28,355 | 20,413 | 39.0% | 16,281 | 12,814 | 11,760 | 7,205 | 0 | 0 | 315 | 394 |

Displayed values of zero may 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.
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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 4.8.A. Receipts of Petroleum Coke Delivered for Electricity Generation by State, December 2014 and 2013**
**(Thousand Tons)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | Commercial Sector | | Industrial Sector | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | | | | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 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 | 10 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 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 | 10 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| East North Central | 156 | 110 | 41.0% | 91 | 42 | 53 | 55 | 0 | 0 | 12 | 12 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 38 | 0 | -- | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 55 | 48 | 15.0% | 53 | 42 | 2 | 6 | 0 | 0 | 0 | 0 |
| Ohio | 51 | 50 | 2.7% | 0 | 0 | 51 | 50 | 0 | 0 | 0 | 0 |
| Wisconsin | 12 | 12 | -6.2% | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 12 |
| 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 | 144 | 119 | 21.0% | 121 | 96 | 0 | 0 | 0 | 0 | 23 | 23 |
| 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 | 121 | 96 | 26.0% | 121 | 96 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 23 | 23 | 0.7% | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 23 |
| 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 | 90 | 46 | 95.0% | 90 | 46 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 90 | 46 | 95.0% | 90 | 46 | 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 | 198 | 159 | 25.0% | 198 | 159 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 198 | 159 | 25.0% | 198 | 159 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mountain | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arizona | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montana | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wyoming | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| California | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oregon | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Washington | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alaska | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 587 | 444 | 32.0% | 499 | 343 | 53 | 55 | 0 | 0 | 35 | 45 |

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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) December 2014 and 2013**
**(Thousand Tons)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 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 | 105 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 |
| 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 | 105 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 |
| East North Central | 1,489 | 860 | 73.0% | 886 | 143 | 488 | 575 | 0 | 0 | 115 | 143 |
| Illinois | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana | 424 | 0 | -- | 424 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Michigan | 427 | 151 | 183.0% | 406 | 122 | 21 | 29 | 0 | 0 | 0 | 0 |
| Ohio | 467 | 546 | -14.0% | 0 | 0 | 467 | 546 | 0 | 0 | 0 | 0 |
| Wisconsin | 171 | 163 | 4.8% | 56 | 20 | 0 | 0 | 0 | 0 | 115 | 143 |
| 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 | 1,084 | 1,235 | -12.0% | 944 | 1,103 | 0 | 0 | 0 | 0 | 140 | 132 |
| Delaware | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 944 | 1,103 | -14.0% | 944 | 1,103 | 0 | 0 | 0 | 0 | 0 | 0 |
| Georgia | 140 | 132 | 6.1% | 0 | 0 | 0 | 0 | 0 | 0 | 140 | 132 |
| 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 | 571 | 535 | 6.6% | 571 | 535 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alabama | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 571 | 535 | 6.6% | 571 | 535 | 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 | 1,949 | 1,926 | 1.2% | 1,949 | 1,683 | 0 | 0 | 0 | 0 | 0 | 243 |
| Arkansas | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana | 1,949 | 1,683 | 16.0% | 1,949 | 1,683 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 243 | -100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 243 |
| 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 | 5,091 | 4,660 | 9.3% | 4,349 | 3,463 | 488 | 575 | 0 | 0 | 255 | 623 |

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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, December 2014 and 2013**
**(Million Cubic Feet)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 23,744 | 22,236 | 6.8% | 92 | 74 | 23,592 | 20,855 | 0 | 0 | 60 | 1,307 |
| Connecticut | 9,548 | 7,751 | 23.0% | 0 | 0 | 9,548 | 7,751 | 0 | 0 | 0 | 0 |
| Maine | 1,729 | 3,699 | -53.0% | 0 | 0 | 1,669 | 2,391 | 0 | 0 | 60 | 1,307 |
| Massachusetts | 6,546 | 6,309 | 3.8% | 59 | 73 | 6,487 | 6,235 | 0 | 0 | 0 | 0 |
| New Hampshire | 3,044 | 2,412 | 26.0% | 33 | 0 | 3,011 | 2,412 | 0 | 0 | 0 | 0 |
| Rhode Island | 2,877 | 2,065 | 39.0% | 0 | 0 | 2,877 | 2,065 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 83,472 | 77,212 | 8.1% | 8,490 | 8,726 | 74,799 | 68,332 | 0 | 0 | 183 | 155 |
| New Jersey | 19,781 | 16,296 | 21.0% | 0 | 0 | 19,781 | 16,296 | 0 | 0 | 0 | 0 |
| New York | 31,592 | 32,438 | -2.6% | 8,490 | 8,726 | 23,023 | 23,645 | 0 | 0 | 79 | 67 |
| Pennsylvania | 32,099 | 28,478 | 13.0% | 0 | 0 | 31,995 | 28,391 | 0 | 0 | 104 | 87 |
| East North Central | 38,701 | 33,709 | 15.0% | 15,696 | 13,696 | 22,134 | 19,104 | 629 | 560 | 242 | 349 |
| Illinois | 2,552 | 1,673 | 52.0% | 57 | 171 | 2,490 | 1,497 | 0 | 0 | 5 | 5 |
| Indiana | 7,057 | 6,335 | 11.0% | 5,032 | 4,662 | 2,026 | 1,673 | 0 | 0 | 0 | 0 |
| Michigan | 6,655 | 8,289 | -20.0% | 1,766 | 1,737 | 4,117 | 5,911 | 629 | 560 | 142 | 81 |
| Ohio | 16,862 | 13,482 | 25.0% | 6,273 | 5,184 | 10,583 | 8,192 | 0 | 0 | 6 | 107 |
| Wisconsin | 5,575 | 3,929 | 42.0% | 2,568 | 1,942 | 2,918 | 1,830 | 0 | 0 | 89 | 157 |
| West North Central | 8,817 | 10,724 | -18.0% | 7,798 | 9,665 | 980 | 1,024 | 2 | 32 | 36 | 4 |
| Iowa | 1,808 | 1,336 | 35.0% | 1,806 | 1,334 | 0 | 0 | 0 | 0 | 2 | 1 |
| Kansas | 922 | 813 | 14.0% | 922 | 813 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 3,214 | 4,511 | -29.0% | 2,899 | 3,663 | 281 | 846 | 0 | 0 | 34 | 2 |
| Missouri | 2,119 | 2,989 | -29.0% | 1,418 | 2,779 | 699 | 178 | 2 | 32 | 0 | 0 |
| Nebraska | 213 | 195 | 9.4% | 213 | 195 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 6 | 0 | NM | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 534 | 881 | -39.0% | 534 | 881 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 140,545 | 131,943 | 6.5% | 114,790 | 113,876 | 22,948 | 15,811 | 0 | 0 | 2,806 | 2,256 |
| Delaware | 5,073 | 3,465 | 46.0% | 0 | 0 | 3,845 | 2,547 | 0 | 0 | 1,227 | 917 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 68,882 | 69,324 | -0.6% | 67,319 | 68,099 | 1,563 | 1,142 | 0 | 0 | 0 | 84 |
| Georgia | 24,951 | 19,199 | 30.0% | 19,375 | 16,591 | 4,807 | 1,757 | 0 | 0 | 770 | 851 |
| Maryland | 978 | 2,195 | -55.0% | 0 | 0 | 969 | 2,148 | 0 | 0 | 10 | 47 |
| North Carolina | 21,168 | 19,014 | 11.0% | 14,063 | 17,285 | 7,105 | 1,652 | 0 | 0 | 0 | 77 |
| South Carolina | 5,934 | 5,146 | 15.0% | 5,580 | 5,072 | 313 | 39 | 0 | 0 | 41 | 35 |
| Virginia | 13,307 | 13,466 | -1.2% | 8,386 | 6,806 | 4,163 | 6,416 | 0 | 0 | 758 | 244 |
| West Virginia | 251 | 135 | 86.0% | 68 | 24 | 183 | 111 | 0 | 0 | 0 | 0 |
| East South Central | 57,057 | 48,923 | 17.0% | 32,014 | 31,663 | 24,466 | 17,017 | 0 | 0 | 578 | 243 |
| Alabama | 29,911 | 25,897 | 15.0% | 8,898 | 9,169 | 21,013 | 16,728 | 0 | 0 | 0 | 0 |
| Kentucky | 1,624 | 574 | 183.0% | 1,548 | 526 | 76 | 48 | 0 | 0 | 0 | 0 |
| Mississippi | 21,801 | 19,935 | 9.4% | 18,424 | 19,695 | 3,377 | 240 | 0 | 0 | 0 | 0 |
| Tennessee | 3,722 | 2,517 | 48.0% | 3,144 | 2,274 | 0 | 0 | 0 | 0 | 578 | 243 |
| West South Central | 197,370 | 221,374 | -11.0% | 44,943 | 62,368 | 99,941 | 103,038 | 0 | 0 | 52,485 | 55,968 |
| Arkansas | 5,757 | 6,683 | -14.0% | 1,848 | 2,148 | 3,579 | 4,536 | 0 | 0 | 329 | 0 |
| Louisiana | 33,093 | 41,566 | -20.0% | 13,869 | 20,050 | 4,148 | 2,877 | 0 | 0 | 15,076 | 18,639 |
| Oklahoma | 15,788 | 21,755 | -27.0% | 11,391 | 16,672 | 4,398 | 5,061 | 0 | 0 | 0 | 21 |
| Texas | 142,731 | 151,369 | -5.7% | 17,835 | 23,498 | 87,816 | 90,563 | 0 | 0 | 37,080 | 37,308 |
| Mountain | 41,269 | 53,369 | -23.0% | 30,191 | 36,476 | 11,053 | 16,861 | 0 | 0 | 25 | 32 |
| Arizona | 9,432 | 18,288 | -48.0% | 4,325 | 8,049 | 5,107 | 10,239 | 0 | 0 | 0 | 0 |
| Colorado | 8,311 | 8,476 | -2.0% | 4,808 | 5,726 | 3,503 | 2,750 | 0 | 0 | 0 | 0 |
| Idaho | 1,058 | 2,976 | -64.0% | 332 | 1,688 | 726 | 1,288 | 0 | 0 | 0 | 0 |
| Montana | 0 | 6 | -100.0% | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 |
| Nevada | 12,158 | 13,359 | -9.0% | 11,669 | 13,273 | 489 | 85 | 0 | 0 | 0 | 0 |
| New Mexico | 5,997 | 5,371 | 12.0% | 4,771 | 3,433 | 1,226 | 1,938 | 0 | 0 | 0 | 0 |
| Utah | 4,313 | 4,859 | -11.0% | 4,285 | 4,273 | 2 | 554 | 0 | 0 | 25 | 32 |
| Wyoming | 1 | 35 | -98.0% | 1 | 33 | 0 | 2 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 71,699 | 94,139 | -24.0% | 28,473 | 33,149 | 39,824 | 56,756 | 0 | 0 | 3,402 | 4,234 |
| California | 57,583 | 72,590 | -21.0% | 19,702 | 19,923 | 34,479 | 48,433 | 0 | 0 | 3,402 | 4,234 |
| Oregon | 8,722 | 12,345 | -29.0% | 3,562 | 5,228 | 5,160 | 7,116 | 0 | 0 | 0 | 0 |
| Washington | 5,394 | 9,204 | -41.0% | 5,209 | 7,997 | 185 | 1,207 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 2,200 | 2,227 | -1.2% | 2,200 | 2,227 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alaska | 2,200 | 2,227 | -1.2% | 2,200 | 2,227 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 664,873 | 695,857 | -4.5% | 284,687 | 311,919 | 319,737 | 318,797 | 632 | 592 | 59,817 | 64,548 |

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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 for 2013 are final. Values for 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

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

**Table 4.9.B. Receipts of Natural Gas Delivered for Electricity Generation by State, (Year-to-Date) December 2014 and 2013**
**(Million Cubic Feet)**

| Census Division and State | All Sectors | | | Electric Power Sector | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Electric Utilities | | Independent Power Producers | | Commercial Sector | | Industrial Sector | |
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 329,012 | 364,201 | -9.7% | 1,968 | 1,600 | 321,634 | 348,352 | 0 | 0 | 5,409 | 14,249 |
| Connecticut | 96,821 | 104,666 | -7.5% | 0 | 0 | 96,821 | 104,666 | 0 | 0 | 0 | 0 |
| Maine | 29,233 | 35,119 | -17.0% | 0 | 0 | 23,824 | 20,871 | 0 | 0 | 5,409 | 14,249 |
| Massachusetts | 126,810 | 148,736 | -15.0% | 1,544 | 1,245 | 125,265 | 147,491 | 0 | 0 | 0 | 0 |
| New Hampshire | 31,309 | 29,644 | 5.6% | 424 | 355 | 30,885 | 29,289 | 0 | 0 | 0 | 0 |
| Rhode Island | 44,839 | 46,035 | -2.6% | 0 | 0 | 44,839 | 46,035 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middle Atlantic | 994,149 | 943,046 | 5.4% | 96,010 | 107,551 | 896,138 | 833,669 | 0 | 0 | 2,001 | 1,826 |
| New Jersey | 225,150 | 197,576 | 14.0% | 0 | 0 | 225,150 | 197,576 | 0 | 0 | 0 | 0 |
| New York | 402,484 | 403,332 | -0.2% | 96,010 | 107,551 | 305,527 | 295,077 | 0 | 0 | 947 | 704 |
| Pennsylvania | 366,516 | 342,138 | 7.1% | 0 | 0 | 365,462 | 341,016 | 0 | 0 | 1,054 | 1,122 |
| East North Central | 436,617 | 432,952 | 0.8% | 164,508 | 181,367 | 264,284 | 243,978 | 4,996 | 4,573 | 2,829 | 3,034 |
| Illinois | 33,339 | 40,427 | -18.0% | 3,176 | 4,962 | 30,114 | 35,407 | 0 | 0 | 49 | 59 |
| Indiana | 75,359 | 74,303 | 1.4% | 53,068 | 51,670 | 22,291 | 22,632 | 0 | 0 | 0 | 0 |
| Michigan | 97,670 | 101,525 | -3.8% | 25,136 | 23,973 | 66,189 | 72,016 | 4,996 | 4,573 | 1,349 | 964 |
| Ohio | 171,748 | 158,008 | 8.7% | 56,594 | 72,165 | 114,968 | 85,178 | 0 | 0 | 186 | 666 |
| Wisconsin | 58,501 | 58,688 | -0.3% | 26,534 | 28,597 | 30,723 | 28,745 | 0 | 0 | 1,244 | 1,346 |
| West North Central | 95,655 | 121,439 | -21.0% | 80,537 | 103,987 | 14,296 | 16,444 | 716 | 878 | 106 | 131 |
| Iowa | 16,101 | 17,012 | -5.4% | 16,078 | 16,978 | 0 | 0 | 0 | 0 | 22 | 33 |
| Kansas | 13,184 | 15,620 | -16.0% | 13,184 | 15,620 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minnesota | 28,394 | 47,289 | -40.0% | 22,416 | 37,701 | 5,894 | 9,491 | 0 | 0 | 84 | 96 |
| Missouri | 31,539 | 34,013 | -7.3% | 22,421 | 26,182 | 8,402 | 6,953 | 716 | 878 | 0 | 0 |
| Nebraska | 3,370 | 3,764 | -10.0% | 3,370 | 3,762 | 0 | 0 | 0 | 0 | 0 | 1 |
| North Dakota | 48 | 1 | NM | 48 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 3,020 | 3,742 | -19.0% | 3,020 | 3,742 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Atlantic | 1,849,045 | 1,846,076 | 0.2% | 1,493,161 | 1,539,907 | 331,313 | 273,806 | 0 | 0 | 24,571 | 32,363 |
| Delaware | 53,844 | 55,626 | -3.2% | 0 | 0 | 43,273 | 39,547 | 0 | 0 | 10,571 | 16,079 |
| District of Columbia | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 1,015,976 | 1,008,097 | 0.8% | 973,100 | 957,981 | 42,876 | 48,599 | 0 | 0 | 0 | 1,518 |
| Georgia | 297,656 | 289,741 | 2.7% | 208,634 | 217,464 | 81,063 | 62,748 | 0 | 0 | 7,959 | 9,529 |
| Maryland | 17,912 | 22,368 | -20.0% | 0 | 0 | 17,675 | 21,759 | 0 | 0 | 237 | 609 |
| North Carolina | 205,422 | 201,751 | 1.8% | 139,237 | 179,194 | 66,186 | 21,569 | 0 | 0 | 0 | 989 |
| South Carolina | 85,032 | 88,597 | -4.0% | 75,763 | 78,337 | 8,903 | 9,897 | 0 | 0 | 366 | 364 |
| Virginia | 166,359 | 177,042 | -6.0% | 94,502 | 106,493 | 66,418 | 67,272 | 0 | 0 | 5,438 | 3,277 |
| West Virginia | 6,844 | 2,854 | 140.0% | 1,925 | 439 | 4,918 | 2,415 | 0 | 0 | 0 | 0 |
| East South Central | 649,574 | 624,917 | 3.9% | 370,121 | 385,062 | 275,649 | 236,708 | 0 | 0 | 3,804 | 3,147 |
| Alabama | 326,688 | 319,071 | 2.4% | 94,971 | 96,430 | 231,717 | 222,641 | 0 | 0 | 0 | 0 |
| Kentucky | 27,664 | 14,610 | 89.0% | 26,061 | 12,424 | 1,602 | 2,186 | 0 | 0 | 0 | 0 |
| Mississippi | 245,694 | 250,869 | -2.1% | 203,365 | 238,989 | 42,330 | 11,881 | 0 | 0 | 0 | 0 |
| Tennessee | 49,528 | 40,366 | 23.0% | 45,724 | 37,219 | 0 | 0 | 0 | 0 | 3,804 | 3,147 |
| West South Central | 2,571,627 | 2,638,753 | -2.5% | 673,261 | 775,126 | 1,290,134 | 1,234,714 | 0 | 0 | 608,232 | 628,913 |
| Arkansas | 72,786 | 90,794 | -20.0% | 13,695 | 31,144 | 56,668 | 59,650 | 0 | 0 | 2,423 | 0 |
| Louisiana | 480,607 | 470,733 | 2.1% | 207,282 | 237,312 | 79,916 | 27,891 | 0 | 0 | 193,409 | 205,530 |
| Oklahoma | 207,216 | 246,794 | -16.0% | 142,416 | 188,773 | 64,801 | 57,723 | 0 | 0 | 0 | 298 |
| Texas | 1,811,018 | 1,830,431 | -1.1% | 309,868 | 317,897 | 1,088,750 | 1,089,449 | 0 | 0 | 412,400 | 423,085 |
| Mountain | 581,485 | 597,406 | -2.7% | 383,321 | 401,118 | 197,643 | 195,743 | 0 | 0 | 520 | 545 |
| Arizona | 204,082 | 219,444 | -7.0% | 90,607 | 90,467 | 113,474 | 128,976 | 0 | 0 | 0 | 0 |
| Colorado | 91,190 | 81,620 | 12.0% | 53,443 | 60,785 | 37,747 | 20,836 | 0 | 0 | 0 | 0 |
| Idaho | 16,111 | 22,741 | -29.0% | 7,888 | 11,262 | 8,223 | 11,479 | 0 | 0 | 0 | 0 |
| Montana | 0 | 49 | -100.0% | 0 | 7 | 0 | 42 | 0 | 0 | 0 | 0 |
| Nevada | 149,459 | 163,416 | -8.5% | 132,361 | 155,915 | 17,099 | 7,500 | 0 | 0 | 0 | 0 |
| New Mexico | 66,088 | 64,705 | 2.1% | 46,131 | 42,839 | 19,957 | 21,866 | 0 | 0 | 0 | 0 |
| Utah | 54,460 | 45,088 | 21.0% | 52,797 | 39,513 | 1,143 | 5,029 | 0 | 0 | 520 | 545 |
| Wyoming | 94 | 344 | -73.0% | 94 | 329 | 0 | 14 | 0 | 0 | 0 | 0 |
| Pacific Contiguous | 895,648 | 909,950 | -1.6% | 330,615 | 330,839 | 520,904 | 534,484 | 0 | 0 | 44,129 | 44,626 |
| California | 737,089 | 739,610 | -0.3% | 231,024 | 230,231 | 461,936 | 464,752 | 0 | 0 | 44,129 | 44,626 |
| Oregon | 89,256 | 100,738 | -11.0% | 35,055 | 36,742 | 54,201 | 63,995 | 0 | 0 | 0 | 0 |
| Washington | 69,303 | 69,603 | -0.4% | 64,537 | 63,866 | 4,766 | 5,737 | 0 | 0 | 0 | 0 |
| Pacific Noncontiguous | 21,071 | 24,685 | -15.0% | 21,071 | 24,685 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alaska | 21,071 | 24,685 | -15.0% | 21,071 | 24,685 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 0 | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Total | 8,423,883 | 8,503,424 | -0.9% | 3,614,573 | 3,851,241 | 4,111,996 | 3,917,898 | 5,712 | 5,450 | 691,601 | 728,835 |

Displayed values of zero may 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.
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See Glossary for definitions. Values for 2013 are final. Values for 2014 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, December 2014 and 2013**
**(Dollars per MMBtu)**

| Census Division and State | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | W | W | W | 4.06 | 4.01 | W | W |
| Connecticut | W | W | W | -- | -- | W | W |
| Maine | W | W | W | -- | -- | W | W |
| Massachusetts | W | W | W | -- | -- | W | W |
| New Hampshire | 4.06 | 4.01 | 1.2% | 4.06 | 4.01 | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- |
| Middle Atlantic | 2.61 | 2.57 | 1.6% | -- | -- | 2.61 | 2.57 |
| New Jersey | 4.10 | 3.96 | 3.5% | -- | -- | 4.10 | 3.96 |
| New York | 3.13 | 3.27 | -4.3% | -- | -- | 3.13 | 3.27 |
| Pennsylvania | 2.52 | 2.49 | 1.2% | -- | -- | 2.52 | 2.49 |
| East North Central | 2.28 | 2.28 | 0.0% | 2.42 | 2.40 | 2.01 | 2.00 |
| Illinois | 1.93 | 1.92 | 0.5% | 1.99 | 2.00 | 1.92 | 1.91 |
| Indiana | W | W | W | 2.50 | 2.54 | W | W |
| Michigan | W | W | W | 2.61 | 2.55 | W | W |
| Ohio | W | W | W | 2.32 | 2.26 | W | W |
| Wisconsin | 2.22 | 2.27 | -2.2% | 2.22 | 2.27 | -- | -- |
| West North Central | 1.78 | 1.74 | 2.3% | 1.78 | 1.74 | -- | -- |
| Iowa | 1.69 | 1.69 | 0.0% | 1.69 | 1.69 | -- | -- |
| Kansas | 1.77 | 1.74 | 1.7% | 1.77 | 1.74 | -- | -- |
| Minnesota | 1.92 | 1.98 | -3.0% | 1.92 | 1.98 | -- | -- |
| Missouri | 1.96 | 1.85 | 5.9% | 1.96 | 1.85 | -- | -- |
| Nebraska | 1.38 | 1.37 | 0.7% | 1.38 | 1.37 | -- | -- |
| North Dakota | 1.51 | 1.62 | -6.8% | 1.51 | 1.62 | -- | -- |
| South Dakota | 2.07 | 2.06 | 0.5% | 2.07 | 2.06 | -- | -- |
| South Atlantic | 3.04 | 3.16 | -3.8% | 3.12 | 3.29 | 2.61 | 2.69 |
| Delaware | W | W | W | -- | -- | W | W |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- |
| Florida | W | W | W | 3.21 | 3.44 | W | W |
| Georgia | 2.97 | 3.18 | -6.6% | 2.97 | 3.18 | -- | -- |
| Maryland | 2.82 | 3.29 | -14.0% | -- | -- | 2.82 | 3.29 |
| North Carolina | 3.55 | 3.74 | -5.1% | 3.55 | 3.80 | -- | 2.69 |
| South Carolina | 3.57 | 3.66 | -2.5% | 3.57 | 3.66 | -- | -- |
| Virginia | W | 3.17 | W | 3.12 | 3.10 | W | 3.97 |
| West Virginia | 2.40 | 2.50 | -4.0% | 2.47 | 2.70 | 2.27 | 2.22 |
| East South Central | W | W | W | 2.41 | 2.53 | W | W |
| Alabama | 2.51 | 2.75 | -8.7% | 2.51 | 2.75 | -- | -- |
| Kentucky | 2.33 | 2.39 | -2.5% | 2.33 | 2.39 | -- | -- |
| Mississippi | W | W | W | 3.21 | 3.95 | W | W |
| Tennessee | 2.30 | 2.38 | -3.4% | 2.30 | 2.38 | -- | -- |
| West South Central | 2.00 | 2.03 | -1.5% | 2.05 | 2.16 | 1.94 | 1.88 |
| Arkansas | W | W | W | 2.42 | 2.39 | W | W |
| Louisiana | W | W | W | 2.01 | 2.82 | W | W |
| Oklahoma | W | W | W | 1.95 | 1.98 | W | W |
| Texas | 1.93 | 1.91 | 1.0% | 1.93 | 2.07 | 1.92 | 1.82 |
| Mountain | W | 1.95 | W | 4.02 | 1.98 | W | 1.57 |
| Arizona | 2.08 | 2.13 | -2.3% | 2.08 | 2.13 | -- | -- |
| Colorado | 1.85 | 1.94 | -4.6% | 1.85 | 1.94 | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- |
| Montana | W | W | W | -- | 1.76 | W | W |
| Nevada | W | W | W | 2.62 | -- | W | W |
| New Mexico | 16.54 | 2.45 | 575.0% | 16.54 | 2.45 | -- | -- |
| Utah | 2.17 | 2.04 | 6.4% | 2.17 | 2.04 | -- | -- |
| Wyoming | 1.72 | W | W | 1.72 | 1.68 | -- | W |
| Pacific Contiguous | W | W | W | 2.44 | 1.91 | W | W |
| California | -- | -- | -- | -- | -- | -- | -- |
| Oregon | 2.44 | 1.91 | 28.0% | 2.44 | 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 | 2.50 | 2.33 | 7.3% | 2.61 | 2.37 | 2.18 | 2.20 |

Displayed values of zero may 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 4.10.B. Average Cost of Coal Delivered for Electricity Generation by State, (Year-to-Date) December 2014 and 2013**
**(Dollars per MMBtu)**

| Census Division and State | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 3.59 | W | W | 4.27 | 4.21 | 3.39 | W |
| Connecticut | W | W | W | -- | -- | W | W |
| Maine | W | W | W | -- | -- | W | W |
| Massachusetts | W | W | W | -- | -- | W | W |
| New Hampshire | 4.27 | 4.21 | 1.4% | 4.27 | 4.21 | -- | -- |
| Rhode Island | W | -- | W | -- | -- | W | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- |
| Middle Atlantic | 2.64 | 2.54 | 3.9% | -- | -- | 2.64 | 2.54 |
| New Jersey | 3.95 | 3.87 | 2.1% | -- | -- | 3.95 | 3.87 |
| New York | 3.03 | 3.02 | 0.3% | -- | -- | 3.03 | 3.02 |
| Pennsylvania | 2.57 | 2.47 | 4.0% | -- | -- | 2.57 | 2.47 |
| East North Central | 2.32 | 2.28 | 1.8% | 2.43 | 2.42 | 2.06 | 1.95 |
| Illinois | 1.99 | 1.88 | 5.9% | 2.07 | 2.06 | 1.98 | 1.86 |
| Indiana | W | W | W | 2.56 | 2.53 | W | W |
| Michigan | W | W | W | 2.59 | 2.66 | W | W |
| Ohio | W | W | W | 2.29 | 2.25 | W | W |
| Wisconsin | 2.30 | 2.32 | -0.9% | 2.30 | 2.32 | -- | -- |
| West North Central | 1.78 | 1.76 | 1.1% | 1.78 | 1.76 | -- | -- |
| Iowa | 1.65 | 1.67 | -1.2% | 1.65 | 1.67 | -- | -- |
| Kansas | 1.79 | 1.77 | 1.1% | 1.79 | 1.77 | -- | -- |
| Minnesota | 1.95 | 2.00 | -2.5% | 1.95 | 2.00 | -- | -- |
| Missouri | 1.99 | 1.90 | 4.7% | 1.99 | 1.90 | -- | -- |
| Nebraska | 1.39 | 1.42 | -2.1% | 1.39 | 1.42 | -- | -- |
| North Dakota | 1.52 | 1.55 | -1.9% | 1.52 | 1.55 | -- | -- |
| South Dakota | 2.09 | 2.00 | 4.5% | 2.09 | 2.00 | -- | -- |
| South Atlantic | 3.08 | 3.20 | -3.7% | 3.19 | 3.32 | 2.62 | 2.76 |
| Delaware | W | W | W | -- | -- | W | W |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- |
| Florida | W | W | W | 3.30 | 3.41 | W | W |
| Georgia | 3.10 | 3.17 | -2.2% | 3.10 | 3.17 | -- | -- |
| Maryland | 2.97 | 3.43 | -13.0% | -- | -- | 2.97 | 3.43 |
| North Carolina | 3.60 | 3.80 | -5.3% | 3.60 | 3.86 | -- | 2.72 |
| South Carolina | 3.63 | 3.75 | -3.2% | 3.63 | 3.75 | -- | -- |
| Virginia | W | 3.32 | W | 3.20 | 3.26 | W | 3.98 |
| West Virginia | 2.40 | 2.48 | -3.2% | 2.55 | 2.68 | 2.19 | 2.19 |
| East South Central | W | W | W | 2.50 | 2.53 | W | W |
| Alabama | 2.69 | 2.80 | -3.9% | 2.69 | 2.80 | -- | -- |
| Kentucky | 2.35 | 2.36 | -0.4% | 2.35 | 2.36 | -- | -- |
| Mississippi | W | W | W | 3.30 | 3.95 | W | W |
| Tennessee | 2.45 | 2.39 | 2.5% | 2.45 | 2.39 | -- | -- |
| West South Central | 2.06 | 2.09 | -1.4% | 2.14 | 2.24 | 1.96 | 1.90 |
| Arkansas | W | W | W | 2.40 | 2.40 | W | W |
| Louisiana | W | W | W | 2.35 | 2.90 | W | W |
| Oklahoma | W | W | W | 1.96 | 2.02 | W | W |
| Texas | 1.99 | 1.97 | 1.0% | 2.08 | 2.15 | 1.95 | 1.86 |
| Mountain | W | 1.91 | W | 2.16 | 1.94 | W | 1.60 |
| Arizona | 2.10 | 2.07 | 1.4% | 2.10 | 2.07 | -- | -- |
| Colorado | 1.93 | 1.91 | 1.0% | 1.93 | 1.91 | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- |
| Montana | W | W | W | -- | 1.83 | W | W |
| Nevada | W | W | W | 2.48 | 2.74 | W | W |
| New Mexico | 3.78 | 2.31 | 64.0% | 3.78 | 2.31 | -- | -- |
| Utah | 2.06 | 2.04 | 1.0% | 2.06 | 2.04 | -- | -- |
| Wyoming | 1.60 | W | W | 1.60 | 1.52 | -- | W |
| Pacific Contiguous | W | W | W | 2.49 | 1.96 | W | W |
| California | W | W | W | -- | -- | W | W |
| Oregon | 2.49 | 1.96 | 27.0% | 2.49 | 1.96 | -- | -- |
| Washington | W | W | W | -- | -- | W | W |
| Pacific Noncontiguous | W | W | W | -- | -- | W | W |
| Alaska | -- | -- | -- | -- | -- | -- | -- |
| Hawaii | W | W | W | -- | -- | W | W |
| U.S. Total | 2.36 | 2.33 | 1.3% | 2.40 | 2.38 | 2.24 | 2.20 |

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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, December 2014 and 2013**
**(Dollars per MMBtu)**

| Census Division and State | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | W | W | W | 9.64 | 22.28 | W | W |
| Connecticut | W | W | W | -- | -- | W | W |
| Maine | W | W | W | -- | -- | W | W |
| Massachusetts | W | 18.80 | W | -- | 21.94 | W | 18.52 |
| New Hampshire | W | W | W | 9.64 | 22.83 | W | W |
| Rhode Island | -- | W | W | -- | -- | -- | W |
| Vermont | -- | -- | -- | -- | -- | -- | -- |
| Middle Atlantic | 12.30 | 23.38 | -47.0% | 9.67 | 24.21 | 16.13 | 23.32 |
| New Jersey | 16.01 | 22.86 | -30.0% | -- | -- | 16.01 | 22.86 |
| New York | 9.89 | 24.82 | -60.0% | 9.67 | 24.21 | 14.97 | 25.18 |
| Pennsylvania | 16.21 | 23.10 | -30.0% | -- | -- | 16.21 | 23.10 |
| East North Central | 17.05 | 22.38 | -24.0% | 16.50 | 22.36 | 19.08 | 22.57 |
| Illinois | 16.51 | W | W | 14.82 | 22.67 | 17.18 | W |
| Indiana | 17.29 | 22.94 | -25.0% | 17.29 | 22.94 | -- | -- |
| Michigan | 14.77 | 21.76 | -32.0% | 14.77 | 21.76 | -- | -- |
| Ohio | 17.32 | 22.38 | -23.0% | 15.49 | 22.34 | 19.64 | 22.66 |
| Wisconsin | 18.36 | W | W | 18.36 | 22.07 | -- | W |
| West North Central | 16.08 | 22.33 | -28.0% | 16.08 | 22.33 | -- | -- |
| Iowa | 16.43 | 22.22 | -26.0% | 16.43 | 22.22 | -- | -- |
| Kansas | 15.66 | 22.01 | -29.0% | 15.66 | 22.01 | -- | -- |
| Minnesota | 18.51 | 22.70 | -18.0% | 18.51 | 22.70 | -- | -- |
| Missouri | 15.64 | 22.03 | -29.0% | 15.64 | 22.03 | -- | -- |
| Nebraska | 20.37 | 22.18 | -8.2% | 20.37 | 22.18 | -- | -- |
| North Dakota | 16.26 | 23.24 | -30.0% | 16.26 | 23.24 | -- | -- |
| South Dakota | -- | 23.34 | -- | -- | 23.34 | -- | -- |
| South Atlantic | 14.37 | 23.11 | -38.0% | 13.72 | 23.16 | 16.14 | 22.79 |
| Delaware | W | W | W | -- | -- | W | W |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- |
| Florida | W | W | W | 10.78 | 24.04 | W | W |
| Georgia | W | 23.43 | W | 16.71 | 23.43 | W | -- |
| Maryland | 15.73 | 22.58 | -30.0% | -- | -- | 15.73 | 22.58 |
| North Carolina | W | W | W | 16.50 | 22.37 | W | W |
| South Carolina | 17.13 | 22.75 | -25.0% | 17.13 | 22.75 | -- | -- |
| Virginia | W | W | W | 15.81 | 21.15 | W | W |
| West Virginia | W | 23.26 | W | 16.06 | 23.26 | W | -- |
| East South Central | 14.05 | 21.67 | -35.0% | 14.05 | 21.67 | -- | -- |
| Alabama | 14.27 | 21.81 | -35.0% | 14.27 | 21.81 | -- | -- |
| Kentucky | 15.88 | 21.87 | -27.0% | 15.88 | 21.87 | -- | -- |
| Mississippi | 14.17 | 21.60 | -34.0% | 14.17 | 21.60 | -- | -- |
| Tennessee | 13.78 | 21.48 | -36.0% | 13.78 | 21.48 | -- | -- |
| West South Central | W | 22.15 | W | 12.22 | 21.88 | W | 22.43 |
| Arkansas | W | W | W | 15.12 | 21.88 | W | W |
| Louisiana | W | W | W | -- | 21.83 | W | W |
| Oklahoma | 13.99 | -- | -- | 13.99 | -- | -- | -- |
| Texas | 13.51 | W | W | 11.37 | 24.02 | 15.50 | W |
| Mountain | W | 23.98 | W | 17.39 | 23.99 | W | 23.83 |
| Arizona | 15.89 | 24.76 | -36.0% | 15.89 | 24.76 | -- | -- |
| Colorado | 15.84 | 24.19 | -35.0% | 15.84 | 24.19 | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- |
| Montana | W | W | W | -- | -- | W | W |
| Nevada | 18.93 | W | W | 18.93 | 24.41 | -- | W |
| New Mexico | 18.98 | 23.70 | -20.0% | 18.98 | 23.70 | -- | -- |
| Utah | 14.43 | W | W | 14.43 | 23.58 | -- | W |
| Wyoming | 19.07 | 23.72 | -20.0% | 19.07 | 23.72 | -- | -- |
| Pacific Contiguous | W | W | W | 16.63 | -- | W | W |
| California | -- | -- | -- | -- | -- | -- | -- |
| Oregon | -- | -- | -- | -- | -- | -- | -- |
| Washington | W | W | W | 16.63 | -- | W | W |
| Pacific Noncontiguous | W | W | W | 14.46 | 20.80 | W | W |
| Alaska | -- | -- | -- | -- | -- | -- | -- |
| Hawaii | W | W | W | 14.46 | 20.80 | W | W |
| U.S. Total | 13.90 | 21.00 | -34.0% | 13.23 | 21.58 | 15.56 | 19.73 |

Displayed values of zero may 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.
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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 4.11.B. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, (Year-to-Date) December 2014 and 2013**
**(Dollars per MMBtu)**

| Census Division and State | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | W | W | W | 16.96 | 18.60 | W | W |
| Connecticut | W | W | W | -- | -- | W | W |
| Maine | W | W | W | -- | -- | W | W |
| Massachusetts | 18.08 | 18.16 | -0.4% | 19.94 | 21.91 | 17.75 | 17.68 |
| New Hampshire | W | W | W | 15.16 | 16.84 | W | W |
| Rhode Island | W | W | W | -- | -- | W | W |
| Vermont | -- | -- | -- | -- | -- | -- | -- |
| Middle Atlantic | 19.28 | 20.47 | -5.8% | 16.08 | 21.97 | 20.62 | 20.04 |
| New Jersey | 22.89 | 21.37 | 7.1% | -- | -- | 22.89 | 21.37 |
| New York | 18.33 | 19.93 | -8.0% | 16.08 | 21.97 | 20.03 | 19.05 |
| Pennsylvania | 21.08 | 22.22 | -5.1% | -- | -- | 21.08 | 22.22 |
| East North Central | 22.54 | 22.90 | -1.6% | 21.92 | 22.84 | 24.14 | 23.11 |
| Illinois | W | W | W | 22.36 | 23.49 | W | W |
| Indiana | 21.79 | 22.96 | -5.1% | 21.79 | 22.96 | -- | -- |
| Michigan | 21.29 | W | W | 21.29 | 22.75 | -- | W |
| Ohio | 23.60 | 22.93 | 2.9% | 22.57 | 22.88 | 24.73 | 23.09 |
| Wisconsin | W | W | W | 21.47 | 22.39 | W | W |
| West North Central | W | 22.63 | W | 21.14 | 22.63 | W | -- |
| Iowa | 21.66 | 22.54 | -3.9% | 21.66 | 22.54 | -- | -- |
| Kansas | 20.71 | 22.41 | -7.6% | 20.71 | 22.41 | -- | -- |
| Minnesota | W | 23.13 | W | 22.15 | 23.13 | W | -- |
| Missouri | 20.54 | 22.25 | -7.7% | 20.54 | 22.25 | -- | -- |
| Nebraska | 21.92 | 22.39 | -2.1% | 21.92 | 22.39 | -- | -- |
| North Dakota | 21.14 | 23.28 | -9.2% | 21.14 | 23.28 | -- | -- |
| South Dakota | 22.70 | 23.32 | -2.7% | 22.70 | 23.32 | -- | -- |
| South Atlantic | 21.31 | W | W | 21.27 | 20.71 | 21.41 | W |
| Delaware | W | W | W | -- | -- | W | W |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- |
| Florida | W | W | W | 18.81 | 19.38 | W | W |
| Georgia | 21.64 | W | W | 21.98 | 23.39 | 19.97 | W |
| Maryland | 21.17 | 21.81 | -2.9% | -- | -- | 21.17 | 21.81 |
| North Carolina | W | W | W | 22.10 | 22.55 | W | W |
| South Carolina | 22.60 | 23.10 | -2.2% | 22.60 | 23.10 | -- | -- |
| Virginia | 21.27 | W | W | 21.15 | 17.88 | 21.76 | W |
| West Virginia | W | 23.43 | W | 22.05 | 23.43 | W | -- |
| East South Central | W | W | W | 19.78 | 22.49 | W | W |
| Alabama | W | W | W | 20.94 | 22.30 | W | W |
| Kentucky | 21.47 | 22.61 | -5.0% | 21.47 | 22.61 | -- | -- |
| Mississippi | 20.43 | 21.57 | -5.3% | 20.43 | 21.57 | -- | -- |
| Tennessee | 17.89 | 22.64 | -21.0% | 17.89 | 22.64 | -- | -- |
| West South Central | 20.18 | 22.24 | -9.3% | 19.97 | 22.25 | 20.48 | 22.24 |
| Arkansas | W | W | W | 21.41 | 22.06 | W | W |
| Louisiana | W | W | W | 19.94 | 21.99 | W | W |
| Oklahoma | 21.15 | 22.33 | -5.3% | 21.15 | 22.33 | -- | -- |
| Texas | W | W | W | 19.31 | 22.44 | W | W |
| Mountain | W | 23.80 | W | 22.81 | 23.85 | W | 23.12 |
| Arizona | 22.60 | 24.29 | -7.0% | 22.60 | 24.29 | -- | -- |
| Colorado | 19.70 | 23.60 | -17.0% | 19.70 | 23.60 | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- |
| Montana | W | W | W | -- | -- | W | W |
| Nevada | W | W | W | 23.43 | 24.32 | W | W |
| New Mexico | 23.84 | 24.42 | -2.4% | 23.84 | 24.42 | -- | -- |
| Utah | 20.52 | W | W | 20.52 | 22.43 | -- | W |
| Wyoming | 22.75 | 23.33 | -2.5% | 22.75 | 23.33 | -- | -- |
| Pacific Contiguous | W | W | W | 19.63 | 23.23 | W | W |
| California | -- | -- | -- | -- | -- | -- | -- |
| Oregon | 20.84 | 22.05 | -5.5% | 20.84 | 22.05 | -- | -- |
| Washington | W | W | W | 16.63 | 23.60 | W | W |
| Pacific Noncontiguous | W | W | W | 19.84 | 20.74 | W | W |
| Alaska | -- | -- | -- | -- | -- | -- | -- |
| Hawaii | W | W | W | 19.84 | 20.74 | W | W |
| U.S. Total | 19.90 | 20.61 | -3.4% | 19.91 | 21.09 | 19.88 | 19.71 |

Displayed values of zero may 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.
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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 4.12.A. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, December 2014 and 2013**
**(Dollars per MMBtu)**

| Census Division and State | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | -- | -- | -- | -- | -- | -- | -- |
| Connecticut | -- | -- | -- | -- | -- | -- | -- |
| Maine | -- | -- | -- | -- | -- | -- | -- |
| Massachusetts | -- | -- | -- | -- | -- | -- | -- |
| New Hampshire | -- | -- | -- | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- |
| Middle Atlantic | -- | -- | -- | -- | -- | -- | -- |
| New Jersey | -- | -- | -- | -- | -- | -- | -- |
| New York | -- | -- | -- | -- | -- | -- | -- |
| Pennsylvania | -- | -- | -- | -- | -- | -- | -- |
| East North Central | W | W | W | 1.21 | 1.45 | W | W |
| Illinois | -- | -- | -- | -- | -- | -- | -- |
| Indiana | 0.87 | -- | -- | 0.87 | -- | -- | -- |
| Michigan | W | W | W | 1.47 | 1.45 | W | W |
| Ohio | W | -- | W | -- | -- | W | -- |
| Wisconsin | -- | -- | -- | -- | -- | -- | -- |
| West North Central | -- | -- | -- | -- | -- | -- | -- |
| Iowa | -- | -- | -- | -- | -- | -- | -- |
| Kansas | -- | -- | -- | -- | -- | -- | -- |
| Minnesota | -- | -- | -- | -- | -- | -- | -- |
| Missouri | -- | -- | -- | -- | -- | -- | -- |
| Nebraska | -- | -- | -- | -- | -- | -- | -- |
| North Dakota | -- | -- | -- | -- | -- | -- | -- |
| South Dakota | -- | -- | -- | -- | -- | -- | -- |
| South Atlantic | 2.62 | 2.24 | 17.0% | 2.62 | 2.24 | -- | -- |
| Delaware | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- |
| Florida | 2.62 | 2.24 | 17.0% | 2.62 | 2.24 | -- | -- |
| Georgia | -- | -- | -- | -- | -- | -- | -- |
| Maryland | -- | -- | -- | -- | -- | -- | -- |
| North Carolina | -- | -- | -- | -- | -- | -- | -- |
| South Carolina | -- | -- | -- | -- | -- | -- | -- |
| Virginia | -- | -- | -- | -- | -- | -- | -- |
| West Virginia | -- | -- | -- | -- | -- | -- | -- |
| East South Central | 1.78 | 1.74 | 2.3% | 1.78 | 1.74 | -- | -- |
| Alabama | -- | -- | -- | -- | -- | -- | -- |
| Kentucky | 1.78 | 1.74 | 2.3% | 1.78 | 1.74 | -- | -- |
| Mississippi | -- | -- | -- | -- | -- | -- | -- |
| Tennessee | -- | -- | -- | -- | -- | -- | -- |
| West South Central | 1.83 | 1.91 | -4.2% | 1.83 | 1.91 | -- | -- |
| Arkansas | -- | -- | -- | -- | -- | -- | -- |
| Louisiana | 1.83 | 1.91 | -4.2% | 1.83 | 1.91 | -- | -- |
| Oklahoma | -- | -- | -- | -- | -- | -- | -- |
| Texas | -- | -- | -- | -- | -- | -- | -- |
| Mountain | -- | -- | -- | -- | -- | -- | -- |
| Arizona | -- | -- | -- | -- | -- | -- | -- |
| Colorado | -- | -- | -- | -- | -- | -- | -- |
| Idaho | -- | -- | -- | -- | -- | -- | -- |
| Montana | -- | -- | -- | -- | -- | -- | -- |
| Nevada | -- | -- | -- | -- | -- | -- | -- |
| New Mexico | -- | -- | -- | -- | -- | -- | -- |
| Utah | -- | -- | -- | -- | -- | -- | -- |
| Wyoming | -- | -- | -- | -- | -- | -- | -- |
| Pacific Contiguous | -- | -- | -- | -- | -- | -- | -- |
| California | -- | -- | -- | -- | -- | -- | -- |
| Oregon | -- | -- | -- | -- | -- | -- | -- |
| Washington | -- | -- | -- | -- | -- | -- | -- |
| Pacific Noncontiguous | -- | -- | -- | -- | -- | -- | -- |
| Alaska | -- | -- | -- | -- | -- | -- | -- |
| Hawaii | -- | -- | -- | -- | -- | -- | -- |
| U.S. Total | W | W | W | 1.90 | 1.93 | W | W |

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
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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 4.12.B. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, (Year-to-Date) December 2014 and 2013**
**(Dollars per MMBtu)**

| Census Division and State | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | -- | -- | -- | -- | -- | -- | -- |
| Connecticut | -- | -- | -- | -- | -- | -- | -- |
| Maine | -- | -- | -- | -- | -- | -- | -- |
| Massachusetts | -- | -- | -- | -- | -- | -- | -- |
| New Hampshire | -- | -- | -- | -- | -- | -- | -- |
| Rhode Island | -- | -- | -- | -- | -- | -- | -- |
| Vermont | -- | -- | -- | -- | -- | -- | -- |
| Middle Atlantic | -- | -- | -- | -- | -- | -- | -- |
| New Jersey | -- | -- | -- | -- | -- | -- | -- |
| New York | -- | -- | -- | -- | -- | -- | -- |
| Pennsylvania | -- | -- | -- | -- | -- | -- | -- |
| East North Central | W | W | W | 1.22 | 1.48 | W | W |
| Illinois | -- | -- | -- | -- | -- | -- | -- |
| Indiana | 0.94 | -- | -- | 0.94 | -- | -- | -- |
| Michigan | W | W | W | 1.45 | 1.43 | W | W |
| Ohio | W | -- | W | -- | -- | W | -- |
| Wisconsin | 1.84 | 1.75 | 5.1% | 1.84 | 1.75 | -- | -- |
| West North Central | -- | -- | -- | -- | -- | -- | -- |
| Iowa | -- | -- | -- | -- | -- | -- | -- |
| Kansas | -- | -- | -- | -- | -- | -- | -- |
| Minnesota | -- | -- | -- | -- | -- | -- | -- |
| Missouri | -- | -- | -- | -- | -- | -- | -- |
| Nebraska | -- | -- | -- | -- | -- | -- | -- |
| North Dakota | -- | -- | -- | -- | -- | -- | -- |
| South Dakota | -- | -- | -- | -- | -- | -- | -- |
| South Atlantic | 2.42 | 2.58 | -6.2% | 2.42 | 2.58 | -- | -- |
| Delaware | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- |
| Florida | 2.42 | 2.58 | -6.2% | 2.42 | 2.58 | -- | -- |
| Georgia | -- | -- | -- | -- | -- | -- | -- |
| Maryland | -- | -- | -- | -- | -- | -- | -- |
| North Carolina | -- | -- | -- | -- | -- | -- | -- |
| South Carolina | -- | -- | -- | -- | -- | -- | -- |
| Virginia | -- | -- | -- | -- | -- | -- | -- |
| West Virginia | -- | -- | -- | -- | -- | -- | -- |
| East South Central | 1.77 | 1.81 | -2.2% | 1.77 | 1.81 | -- | -- |
| Alabama | -- | -- | -- | -- | -- | -- | -- |
| Kentucky | 1.77 | 1.81 | -2.2% | 1.77 | 1.81 | -- | -- |
| Mississippi | -- | -- | -- | -- | -- | -- | -- |
| Tennessee | -- | -- | -- | -- | -- | -- | -- |
| West South Central | 1.96 | 1.95 | 0.5% | 1.96 | 1.95 | -- | -- |
| Arkansas | -- | -- | -- | -- | -- | -- | -- |
| Louisiana | 1.96 | 1.95 | 0.5% | 1.96 | 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 | W | W | 1.89 | 2.11 | W | W |

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
NM = Not meaningful due to large relative standard error or excessive percentage change.
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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 4.13.A. Average Cost of Natural Gas Delivered for Electricity Generation by State, December 2014 and 2013**
**(Dollars per MMBtu)**

| Census Division and State | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| | December 2014 | December 2013 | Percentage Change | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 6.94 | 11.11 | -38.0% | 7.54 | 16.08 | 6.94 | 11.08 |
| Connecticut | 5.71 | 9.43 | -39.0% | -- | -- | 5.71 | 9.43 |
| Maine | W | W | W | -- | -- | W | W |
| Massachusetts | 8.87 | 12.58 | -29.0% | 6.92 | 16.13 | 8.89 | 12.54 |
| New Hampshire | W | W | W | 8.61 | 7.89 | W | W |
| Rhode Island | 5.87 | 11.97 | -51.0% | -- | -- | 5.87 | 11.97 |
| Vermont | -- | -- | -- | -- | -- | -- | -- |
| Middle Atlantic | 3.82 | 5.14 | -26.0% | 6.03 | 5.97 | 3.53 | 5.01 |
| New Jersey | 3.78 | 4.72 | -20.0% | -- | -- | 3.78 | 4.72 |
| New York | 4.59 | 5.84 | -21.0% | 6.03 | 5.97 | 3.95 | 5.79 |
| Pennsylvania | 3.08 | 4.56 | -32.0% | -- | -- | 3.08 | 4.56 |
| East North Central | 3.95 | 4.49 | -12.0% | 3.66 | 4.60 | 4.17 | 4.41 |
| Illinois | W | 5.62 | W | 7.38 | 6.23 | W | 5.12 |
| Indiana | W | W | W | 3.72 | 4.64 | W | W |
| Michigan | 4.35 | 5.08 | -14.0% | 4.26 | 5.19 | 4.38 | 5.04 |
| Ohio | 3.49 | W | W | 2.91 | 4.12 | 3.84 | W |
| Wisconsin | 4.75 | 4.87 | -2.5% | 4.91 | 5.14 | 4.62 | 4.57 |
| West North Central | W | 5.23 | W | 4.42 | 5.23 | W | 5.20 |
| Iowa | 3.94 | 5.93 | -34.0% | 3.94 | 5.93 | -- | -- |
| Kansas | 4.48 | 6.00 | -25.0% | 4.48 | 6.00 | -- | -- |
| Minnesota | W | W | W | 5.04 | 5.19 | W | W |
| Missouri | W | W | W | 4.00 | 4.82 | W | W |
| Nebraska | 4.64 | 5.78 | -20.0% | 4.64 | 5.78 | -- | -- |
| North Dakota | 4.14 | 6.08 | -32.0% | 4.14 | 6.08 | -- | -- |
| South Dakota | 3.51 | 4.83 | -27.0% | 3.51 | 4.83 | -- | -- |
| South Atlantic | 4.85 | 5.25 | -7.6% | 4.93 | 5.29 | 4.35 | 4.87 |
| Delaware | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- |
| Florida | W | 5.43 | W | 5.32 | 5.44 | W | 4.19 |
| Georgia | 3.94 | 4.99 | -21.0% | 3.90 | 4.88 | 4.17 | 6.36 |
| Maryland | W | W | W | -- | -- | W | W |
| North Carolina | W | W | W | 5.01 | 5.28 | W | W |
| South Carolina | W | 4.99 | W | 4.18 | 4.99 | W | -- |
| Virginia | W | W | W | 4.57 | 5.06 | W | W |
| West Virginia | 2.97 | 4.21 | -29.0% | 3.83 | 4.36 | 2.63 | 4.18 |
| East South Central | 3.95 | 4.44 | -11.0% | 4.05 | 4.40 | 3.79 | 4.55 |
| Alabama | W | W | W | 3.87 | 4.34 | W | W |
| Kentucky | W | W | W | 7.11 | 8.87 | W | W |
| Mississippi | W | W | W | 3.83 | 4.32 | W | W |
| Tennessee | 4.34 | 4.26 | 1.9% | 4.34 | 4.26 | -- | -- |
| West South Central | 3.92 | 4.34 | -9.7% | 4.04 | 4.38 | 3.85 | 4.32 |
| Arkansas | W | W | W | 4.22 | 5.39 | W | W |
| Louisiana | 4.01 | W | W | 4.05 | 4.21 | 3.87 | W |
| Oklahoma | W | 4.48 | W | 3.98 | 4.47 | W | 4.53 |
| Texas | 3.90 | 4.30 | -9.3% | 4.05 | 4.36 | 3.85 | 4.29 |
| Mountain | W | 4.84 | W | 4.72 | 4.89 | W | 4.66 |
| Arizona | W | 5.17 | W | 5.47 | 5.56 | W | 4.68 |
| Colorado | 4.87 | W | W | 4.88 | 5.20 | 4.86 | W |
| Idaho | 5.44 | W | W | 5.44 | 5.03 | -- | W |
| Montana | -- | W | W | -- | 5.86 | -- | W |
| Nevada | W | W | W | 4.82 | 4.59 | W | W |
| New Mexico | 3.86 | 4.63 | -17.0% | 3.86 | 4.63 | -- | -- |
| Utah | W | 4.25 | W | 4.41 | 4.25 | W | -- |
| Wyoming | 27.16 | W | W | 27.16 | 6.26 | -- | W |
| Pacific Contiguous | 4.46 | 4.97 | -10.0% | 4.73 | 5.07 | 4.17 | 4.88 |
| California | 4.56 | 5.03 | -9.3% | 4.81 | 5.15 | 4.34 | 4.95 |
| Oregon | W | W | W | 4.19 | 4.33 | W | W |
| Washington | W | W | W | 4.85 | 5.40 | W | W |
| Pacific Noncontiguous | 5.12 | 4.78 | 7.1% | 5.12 | 4.78 | -- | -- |
| Alaska | 5.12 | 4.78 | 7.1% | 5.12 | 4.78 | -- | -- |
| Hawaii | -- | -- | -- | -- | -- | -- | -- |
| U.S. Total | 4.36 | 4.98 | -12.0% | 4.60 | 4.93 | 4.08 | 5.05 |

Displayed values of zero may 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 for 2013 are final. Values for 2014 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

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

**Table 4.13.B. Average Cost of Natural Gas Delivered for Electricity Generation by State, (Year-to-Date) December 2014 and 2013**
**(Dollars per MMBtu)**

| Census Division and State | Electric Power Sector | | | Electric Utilities | | Independent Power Producers | |
|---|---|---|---|---|---|---|---|
| | December 2014 YTD | December 2013 YTD | Percentage Change | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 6.49 | 5.89 | 10.0% | 5.65 | 7.29 | 6.50 | 5.88 |
| Connecticut | 6.65 | 6.06 | 9.7% | -- | -- | 6.65 | 6.06 |
| Maine | W | W | W | -- | -- | W | W |
| Massachusetts | 6.46 | 5.75 | 12.0% | 5.54 | 6.84 | 6.47 | 5.74 |
| New Hampshire | W | W | W | 6.05 | 8.85 | W | W |
| Rhode Island | W | 5.67 | W | -- | -- | W | 5.67 |
| Vermont | -- | -- | -- | -- | -- | -- | -- |
| Middle Atlantic | 5.01 | 4.53 | 11.0% | 5.48 | 5.03 | 4.95 | 4.46 |
| New Jersey | 4.66 | 4.18 | 11.0% | -- | -- | 4.66 | 4.18 |
| New York | 5.31 | 5.11 | 3.9% | 5.48 | 5.03 | 5.25 | 5.15 |
| Pennsylvania | 4.86 | 4.02 | 21.0% | -- | -- | 4.86 | 4.02 |
| East North Central | 5.14 | 4.12 | 25.0% | 5.05 | 4.11 | 5.20 | 4.13 |
| Illinois | W | W | W | 6.02 | 4.82 | W | W |
| Indiana | W | W | W | 5.10 | 4.04 | W | W |
| Michigan | 6.62 | 4.49 | 47.0% | 6.75 | 4.44 | 6.57 | 4.51 |
| Ohio | 4.14 | 3.82 | 8.4% | 3.98 | 3.85 | 4.22 | 3.79 |
| Wisconsin | 5.30 | 4.37 | 21.0% | 5.58 | 4.51 | 5.05 | 4.22 |
| West North Central | 5.54 | 4.54 | 22.0% | 5.58 | 4.55 | 5.26 | 4.45 |
| Iowa | 5.89 | 4.59 | 28.0% | 5.89 | 4.59 | -- | -- |
| Kansas | 5.51 | 4.45 | 24.0% | 5.51 | 4.45 | -- | -- |
| Minnesota | W | W | W | 5.82 | 4.66 | W | W |
| Missouri | W | W | W | 5.27 | 4.45 | W | W |
| Nebraska | 5.60 | 4.82 | 16.0% | 5.60 | 4.82 | -- | -- |
| North Dakota | 4.11 | 5.23 | -21.0% | 4.11 | 5.23 | -- | -- |
| South Dakota | 4.79 | 4.21 | 14.0% | 4.79 | 4.21 | -- | -- |
| South Atlantic | 5.42 | 4.78 | 13.0% | 5.46 | 4.87 | 5.15 | 4.07 |
| Delaware | -- | -- | -- | -- | -- | -- | -- |
| District of Columbia | -- | -- | -- | -- | -- | -- | -- |
| Florida | 5.46 | 5.00 | 9.2% | 5.48 | 5.06 | 4.38 | 3.22 |
| Georgia | 4.86 | 4.38 | 11.0% | 4.87 | 4.34 | 4.81 | 4.52 |
| Maryland | 5.10 | 4.88 | 4.5% | -- | -- | 5.10 | 4.88 |
| North Carolina | 5.91 | W | W | 5.97 | 4.99 | 5.76 | W |
| South Carolina | W | W | W | 4.91 | 4.58 | W | W |
| Virginia | 5.88 | 4.13 | 42.0% | 6.26 | 4.30 | 5.20 | 3.85 |
| West Virginia | W | W | W | 6.10 | 3.81 | W | W |
| East South Central | 4.67 | 4.01 | 16.0% | 4.68 | 3.97 | 4.65 | 4.08 |
| Alabama | 4.62 | W | W | 4.57 | 4.02 | 4.65 | W |
| Kentucky | W | W | W | 6.02 | 5.74 | W | W |
| Mississippi | W | W | W | 4.57 | 3.88 | W | W |
| Tennessee | 4.62 | 3.78 | 22.0% | 4.62 | 3.78 | -- | -- |
| West South Central | 4.59 | 3.89 | 18.0% | 4.75 | 3.98 | 4.48 | 3.83 |
| Arkansas | W | W | W | 6.59 | 4.83 | W | W |
| Louisiana | 4.60 | W | W | 4.64 | 3.87 | 4.48 | W |
| Oklahoma | W | 3.99 | W | 4.99 | 4.02 | W | 3.89 |
| Texas | 4.50 | 3.85 | 17.0% | 4.63 | 3.95 | 4.46 | 3.82 |
| Mountain | 5.05 | 4.36 | 16.0% | 5.12 | 4.45 | 4.81 | 4.07 |
| Arizona | 5.15 | 4.48 | 15.0% | 5.53 | 4.93 | 4.55 | 4.03 |
| Colorado | 5.21 | W | W | 5.26 | 4.70 | 5.14 | W |
| Idaho | W | W | W | 5.29 | 4.35 | W | W |
| Montana | -- | W | W | -- | 5.21 | -- | W |
| Nevada | W | W | W | 5.11 | 4.27 | W | W |
| New Mexico | 4.74 | 4.21 | 13.0% | 4.74 | 4.21 | -- | -- |
| Utah | W | 3.95 | W | 4.62 | 3.95 | W | -- |
| Wyoming | 7.30 | W | W | 7.30 | 6.93 | -- | W |
| Pacific Contiguous | 4.96 | 4.32 | 15.0% | 5.09 | 4.57 | 4.84 | 4.10 |
| California | 5.08 | 4.40 | 15.0% | 5.30 | 4.75 | 4.90 | 4.17 |
| Oregon | W | W | W | 4.27 | 3.81 | W | W |
| Washington | W | W | W | 4.92 | 4.50 | W | W |
| Pacific Noncontiguous | 5.04 | 4.70 | 7.2% | 5.04 | 4.70 | -- | -- |
| Alaska | 5.04 | 4.70 | 7.2% | 5.04 | 4.70 | -- | -- |
| Hawaii | -- | -- | -- | -- | -- | -- | -- |
| U.S. Total | 5.05 | 4.38 | 15.0% | 5.16 | 4.49 | 4.92 | 4.25 |

Displayed values of zero may 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.
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See Glossary for definitions. Values for 2013 are final. Values for 2014 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

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

## Table 4.14. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Total (All Sectors) by State, December 2014

| Census Division and State | Bituminous | | | Subbituminous | | | Lignite | | |
|---|---|---|---|---|---|---|---|---|---|
| | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight |
| New England | 112 | 1.03 | 7.7 | 81 | 0.09 | 2.0 | 0 | -- | -- |
| Connecticut | 0 | -- | -- | 81 | 0.09 | 2.0 | 0 | -- | -- |
| Maine | 9 | 0.82 | 8.7 | 0 | -- | -- | 0 | -- | -- |
| Massachusetts | 67 | 0.64 | 7.7 | 0 | -- | -- | 0 | -- | -- |
| New Hampshire | 37 | 1.69 | 7.5 | 0 | -- | -- | 0 | -- | -- |
| Rhode Island | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Vermont | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Middle Atlantic | 2,890 | 2.85 | 10.5 | 15 | 0.21 | 4.6 | 0 | -- | -- |
| New Jersey | 129 | 1.39 | 8.2 | 0 | -- | -- | 0 | -- | -- |
| New York | 118 | 2.28 | 9.1 | 15 | 0.21 | 4.6 | 0 | -- | -- |
| Pennsylvania | 2,643 | 2.95 | 10.7 | 0 | -- | -- | 0 | -- | -- |
| East North Central | 7,842 | 2.94 | 9.8 | 9,663 | 0.24 | 4.9 | 0 | -- | -- |
| Illinois | 862 | 3.60 | 19.8 | 5,092 | 0.21 | 4.8 | 0 | -- | -- |
| Indiana | 2,984 | 2.83 | 8.7 | 261 | 0.24 | 4.7 | 0 | -- | -- |
| Michigan | 556 | 1.60 | 8.7 | 2,449 | 0.29 | 4.9 | 0 | -- | -- |
| Ohio | 3,278 | 3.19 | 9.1 | 62 | 0.23 | 5.2 | 0 | -- | -- |
| Wisconsin | 162 | 2.10 | 7.6 | 1,798 | 0.25 | 5.2 | 0 | -- | -- |
| West North Central | 125 | 3.40 | 9.7 | 10,152 | 0.27 | 5.2 | 1,951 | 0.83 | 10.6 |
| Iowa | 35 | 3.50 | 8.0 | 1,630 | 0.26 | 5.3 | 0 | -- | -- |
| Kansas | 38 | 3.66 | 14.0 | 1,398 | 0.31 | 5.2 | 0 | -- | -- |
| Minnesota | 0 | -- | -- | 1,725 | 0.35 | 5.9 | 0 | -- | -- |
| Missouri | 52 | 3.15 | 7.7 | 3,979 | 0.22 | 4.9 | 0 | -- | -- |
| Nebraska | 0 | -- | -- | 1,244 | 0.30 | 5.4 | 0 | -- | -- |
| North Dakota | 0 | -- | -- | 0 | -- | -- | 1,951 | 0.83 | 10.6 |
| South Dakota | 0 | -- | -- | 177 | 0.34 | 5.2 | 0 | -- | -- |
| South Atlantic | 8,962 | 2.20 | 9.7 | 1,114 | 0.32 | 4.8 | 0 | -- | -- |
| Delaware | 70 | 2.68 | 7.6 | 0 | -- | -- | 0 | -- | -- |
| District of Columbia | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Florida | 2,220 | 2.27 | 8.4 | 0 | -- | -- | 0 | -- | -- |
| Georgia | 604 | 1.74 | 9.5 | 1,099 | 0.32 | 4.8 | 0 | -- | -- |
| Maryland | 540 | 2.39 | 10.1 | 15 | 0.22 | 5.1 | 0 | -- | -- |
| North Carolina | 1,483 | 1.87 | 9.4 | 0 | -- | -- | 0 | -- | -- |
| South Carolina | 964 | 1.57 | 9.1 | 0 | -- | -- | 0 | -- | -- |
| Virginia | 567 | 1.22 | 9.9 | 0 | -- | -- | 0 | -- | -- |
| West Virginia | 2,515 | 2.87 | 11.3 | 0 | -- | -- | 0 | -- | -- |
| East South Central | 4,939 | 2.52 | 9.1 | 2,368 | 0.27 | 5.2 | 253 | 0.47 | 13.3 |
| Alabama | 878 | 1.61 | 8.7 | 1,197 | 0.26 | 5.2 | 0 | -- | -- |
| Kentucky | 3,250 | 2.86 | 9.4 | 289 | 0.27 | 5.1 | 0 | -- | -- |
| Mississippi | 193 | 1.86 | 9.0 | 96 | 0.20 | 5.8 | 253 | 0.47 | 13.3 |
| Tennessee | 618 | 2.25 | 8.6 | 785 | 0.29 | 5.1 | 0 | -- | -- |
| West South Central | 60 | 1.32 | 21.7 | 9,411 | 0.27 | 5.2 | 4,217 | 0.91 | 15.9 |
| Arkansas | 4 | 0.65 | 9.0 | 1,660 | 0.25 | 5.3 | 0 | -- | -- |
| Louisiana | 0 | -- | -- | 708 | 0.33 | 5.6 | 383 | 0.74 | 13.5 |
| Oklahoma | 56 | 1.37 | 22.6 | 1,727 | 0.25 | 5.0 | 0 | -- | -- |
| Texas | 0 | -- | -- | 5,316 | 0.28 | 5.2 | 3,834 | 0.92 | 16.1 |
| Mountain | 2,617 | 0.62 | 13.4 | 6,091 | 0.55 | 9.5 | 0 | -- | -- |
| Arizona | 695 | 0.55 | 10.6 | 1,240 | 0.72 | 10.7 | 0 | -- | -- |
| Colorado | 323 | 0.48 | 10.4 | 1,125 | 0.31 | 5.4 | 0 | -- | -- |
| Idaho | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Montana | 0 | -- | -- | 815 | 0.63 | 9.6 | 0 | -- | -- |
| Nevada | 106 | 0.52 | 7.0 | 155 | 0.39 | 7.3 | 0 | -- | -- |
| New Mexico | 576 | 0.73 | 25.4 | 582 | 0.80 | 22.5 | 0 | -- | -- |
| Utah | 916 | 0.66 | 11.2 | 46 | 1.02 | 7.9 | 0 | -- | -- |
| Wyoming | 0 | -- | -- | 2,128 | 0.47 | 7.6 | 0 | -- | -- |
| Pacific Contiguous | 54 | 0.51 | 10.7 | 611 | 0.32 | 8.4 | 0 | -- | -- |
| California | 54 | 0.51 | 10.7 | 0 | -- | -- | 0 | -- | -- |
| Oregon | 0 | -- | -- | 139 | 0.23 | 4.8 | 0 | -- | -- |
| Washington | 0 | -- | -- | 472 | 0.34 | 9.4 | 0 | -- | -- |
| Pacific Noncontiguous | 61 | 1.39 | 4.8 | 0 | -- | -- | 0 | -- | -- |
| Alaska | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Hawaii | 61 | 1.39 | 4.8 | 0 | -- | -- | 0 | -- | -- |
| U.S. Total | 27,661 | 2.39 | 10.1 | 39,507 | 0.31 | 5.8 | 6,421 | 0.87 | 14.2 |

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
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See Glossary for definitions. Values for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

## Table 4.15. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Electric Utilties by State, December 2014

| Census Division and State | Bituminous | | | Subbituminous | | | Lignite | | |
|---|---|---|---|---|---|---|---|---|---|
| | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight |
| New England | 37 | 1.69 | 7.5 | 0 | -- | -- | 0 | -- | -- |
| Connecticut | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Maine | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Massachusetts | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| New Hampshire | 37 | 1.69 | 7.5 | 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 | 6,269 | 2.90 | 8.8 | 4,824 | 0.27 | 5.0 | 0 | -- | -- |
| Illinois | 194 | 3.53 | 10.3 | 342 | 0.20 | 4.9 | 0 | -- | -- |
| Indiana | 2,728 | 2.79 | 8.5 | 261 | 0.24 | 4.7 | 0 | -- | -- |
| Michigan | 512 | 1.66 | 8.8 | 2,449 | 0.29 | 4.9 | 0 | -- | -- |
| Ohio | 2,715 | 3.24 | 9.1 | 0 | -- | -- | 0 | -- | -- |
| Wisconsin | 119 | 2.16 | 7.4 | 1,772 | 0.25 | 5.2 | 0 | -- | -- |
| West North Central | 78 | 3.43 | 10.6 | 10,087 | 0.27 | 5.2 | 1,951 | 0.83 | 10.6 |
| Iowa | 0 | -- | -- | 1,565 | 0.26 | 5.3 | 0 | -- | -- |
| Kansas | 38 | 3.66 | 14.0 | 1,398 | 0.31 | 5.2 | 0 | -- | -- |
| Minnesota | 0 | -- | -- | 1,725 | 0.35 | 5.9 | 0 | -- | -- |
| Missouri | 40 | 3.20 | 7.3 | 3,979 | 0.22 | 4.9 | 0 | -- | -- |
| Nebraska | 0 | -- | -- | 1,244 | 0.30 | 5.4 | 0 | -- | -- |
| North Dakota | 0 | -- | -- | 0 | -- | -- | 1,951 | 0.83 | 10.6 |
| South Dakota | 0 | -- | -- | 177 | 0.34 | 5.2 | 0 | -- | -- |
| South Atlantic | 7,233 | 2.04 | 9.6 | 1,099 | 0.32 | 4.8 | 0 | -- | -- |
| Delaware | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| District of Columbia | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Florida | 2,168 | 2.30 | 8.3 | 0 | -- | -- | 0 | -- | -- |
| Georgia | 572 | 1.80 | 9.6 | 1,099 | 0.32 | 4.8 | 0 | -- | -- |
| Maryland | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| North Carolina | 1,483 | 1.87 | 9.4 | 0 | -- | -- | 0 | -- | -- |
| South Carolina | 947 | 1.58 | 9.1 | 0 | -- | -- | 0 | -- | -- |
| Virginia | 479 | 1.24 | 10.1 | 0 | -- | -- | 0 | -- | -- |
| West Virginia | 1,584 | 2.45 | 11.6 | 0 | -- | -- | 0 | -- | -- |
| East South Central | 4,816 | 2.56 | 9.1 | 2,368 | 0.27 | 5.2 | 0 | -- | -- |
| Alabama | 878 | 1.61 | 8.7 | 1,197 | 0.26 | 5.2 | 0 | -- | -- |
| Kentucky | 3,250 | 2.86 | 9.4 | 289 | 0.27 | 5.1 | 0 | -- | -- |
| Mississippi | 193 | 1.86 | 9.0 | 96 | 0.20 | 5.8 | 0 | -- | -- |
| Tennessee | 495 | 2.63 | 8.6 | 785 | 0.29 | 5.1 | 0 | -- | -- |
| West South Central | 0 | -- | -- | 5,888 | 0.25 | 5.1 | 991 | 1.00 | 16.3 |
| Arkansas | 0 | -- | -- | 1,512 | 0.24 | 5.3 | 0 | -- | -- |
| Louisiana | 0 | -- | -- | 106 | 0.31 | 5.4 | 383 | 0.74 | 13.5 |
| Oklahoma | 0 | -- | -- | 1,643 | 0.25 | 5.0 | 0 | -- | -- |
| Texas | 0 | -- | -- | 2,627 | 0.26 | 5.2 | 608 | 1.18 | 18.3 |
| Mountain | 2,617 | 0.62 | 13.4 | 5,217 | 0.53 | 9.5 | 0 | -- | -- |
| Arizona | 695 | 0.55 | 10.6 | 1,240 | 0.72 | 10.7 | 0 | -- | -- |
| Colorado | 323 | 0.48 | 10.4 | 1,125 | 0.31 | 5.4 | 0 | -- | -- |
| Idaho | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Montana | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Nevada | 106 | 0.52 | 7.0 | 95 | 0.41 | 8.4 | 0 | -- | -- |
| New Mexico | 576 | 0.73 | 25.4 | 582 | 0.80 | 22.5 | 0 | -- | -- |
| Utah | 916 | 0.66 | 11.2 | 46 | 1.02 | 7.9 | 0 | -- | -- |
| Wyoming | 0 | -- | -- | 2,128 | 0.47 | 7.6 | 0 | -- | -- |
| Pacific Contiguous | 0 | -- | -- | 139 | 0.23 | 4.8 | 0 | -- | -- |
| California | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Oregon | 0 | -- | -- | 139 | 0.23 | 4.8 | 0 | -- | -- |
| Washington | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Pacific Noncontiguous | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Alaska | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Hawaii | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| U.S. Total | 21,050 | 2.26 | 9.7 | 29,622 | 0.32 | 5.9 | 2,942 | 0.88 | 12.5 |

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 4.16. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Independent Power Producers by State, December 2014

| Census Division and State | Bituminous | | | Subbituminous | | | Lignite | | |
|---|---|---|---|---|---|---|---|---|---|
| | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight |
| New England | 70 | 0.65 | 7.8 | 81 | 0.09 | 2.0 | 0 | -- | -- |
| Connecticut | 0 | -- | -- | 81 | 0.09 | 2.0 | 0 | -- | -- |
| Maine | 4 | 0.83 | 8.8 | 0 | -- | -- | 0 | -- | -- |
| Massachusetts | 67 | 0.64 | 7.7 | 0 | -- | -- | 0 | -- | -- |
| New Hampshire | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Rhode Island | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Vermont | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Middle Atlantic | 2,853 | 2.87 | 10.5 | 15 | 0.21 | 4.6 | 0 | -- | -- |
| New Jersey | 129 | 1.39 | 8.2 | 0 | -- | -- | 0 | -- | -- |
| New York | 94 | 2.59 | 8.6 | 15 | 0.21 | 4.6 | 0 | -- | -- |
| Pennsylvania | 2,630 | 2.95 | 10.7 | 0 | -- | -- | 0 | -- | -- |
| East North Central | 1,381 | 3.16 | 15.2 | 4,749 | 0.21 | 4.8 | 0 | -- | -- |
| Illinois | 557 | 3.65 | 26.9 | 4,687 | 0.21 | 4.8 | 0 | -- | -- |
| Indiana | 256 | 3.20 | 10.7 | 0 | -- | -- | 0 | -- | -- |
| Michigan | 30 | 0.74 | 6.8 | 0 | -- | -- | 0 | -- | -- |
| Ohio | 538 | 2.92 | 9.1 | 62 | 0.23 | 5.2 | 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 | 1,590 | 3.01 | 10.2 | 15 | 0.22 | 5.1 | 0 | -- | -- |
| Delaware | 70 | 2.68 | 7.6 | 0 | -- | -- | 0 | -- | -- |
| District of Columbia | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Florida | 52 | 1.02 | 12.1 | 0 | -- | -- | 0 | -- | -- |
| Georgia | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Maryland | 509 | 2.39 | 9.4 | 15 | 0.22 | 5.1 | 0 | -- | -- |
| North Carolina | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| South Carolina | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Virginia | 56 | 0.75 | 9.7 | 0 | -- | -- | 0 | -- | -- |
| West Virginia | 904 | 3.65 | 10.9 | 0 | -- | -- | 0 | -- | -- |
| East South Central | 0 | -- | -- | 0 | -- | -- | 253 | 0.47 | 13.3 |
| Alabama | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Kentucky | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Mississippi | 0 | -- | -- | 0 | -- | -- | 253 | 0.47 | 13.3 |
| Tennessee | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| West South Central | 56 | 1.37 | 22.6 | 3,523 | 0.31 | 5.3 | 3,226 | 0.88 | 15.7 |
| Arkansas | 0 | -- | -- | 148 | 0.25 | 5.3 | 0 | -- | -- |
| Louisiana | 0 | -- | -- | 601 | 0.33 | 5.6 | 0 | -- | -- |
| Oklahoma | 56 | 1.37 | 22.6 | 84 | 0.23 | 4.5 | 0 | -- | -- |
| Texas | 0 | -- | -- | 2,689 | 0.31 | 5.2 | 3,226 | 0.88 | 15.7 |
| Mountain | 0 | -- | -- | 875 | 0.61 | 9.3 | 0 | -- | -- |
| Arizona | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Colorado | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Idaho | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Montana | 0 | -- | -- | 815 | 0.63 | 9.6 | 0 | -- | -- |
| Nevada | 0 | -- | -- | 60 | 0.35 | 5.5 | 0 | -- | -- |
| New Mexico | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Utah | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Wyoming | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Pacific Contiguous | 0 | -- | -- | 472 | 0.34 | 9.4 | 0 | -- | -- |
| California | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Oregon | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Washington | 0 | -- | -- | 472 | 0.34 | 9.4 | 0 | -- | -- |
| Pacific Noncontiguous | 61 | 1.39 | 4.8 | 0 | -- | -- | 0 | -- | -- |
| Alaska | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Hawaii | 61 | 1.39 | 4.8 | 0 | -- | -- | 0 | -- | -- |
| U.S. Total | 6,010 | 2.92 | 11.4 | 9,731 | 0.29 | 5.6 | 3,479 | 0.85 | 15.6 |

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:
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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 for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 4.17. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Commercial Sector by State, December 2014**

| Census Division and State | Bituminous | | | Subbituminous | | | Lignite | | |
|---|---|---|---|---|---|---|---|---|---|
| | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight |
| New England | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Connecticut | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Maine | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Massachusetts | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| New Hampshire | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Rhode Island | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Vermont | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Middle Atlantic | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| New Jersey | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| New York | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Pennsylvania | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| East North Central | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Illinois | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Indiana | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Michigan | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Ohio | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Wisconsin | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| West North Central | 12 | 2.96 | 8.9 | 0 | -- | -- | 0 | -- | -- |
| Iowa | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Kansas | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Minnesota | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Missouri | 12 | 2.96 | 8.9 | 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 | 12 | 2.96 | 8.9 | 0 | -- | -- | 0 | -- | -- |

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

Notes:
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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 for 2014 are preliminary. Values for 2013 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 4.18. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Industrial Sector by State, December 2014**

| Census Division and State | Bituminous | | | Subbituminous | | | Lignite | | |
|---|---|---|---|---|---|---|---|---|---|
| | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight | Receipts (Thousand Tons) | Average Sulfur Percent by Weight | Average Ash Percent by Weight |
| New England | 5 | 0.81 | 8.7 | 0 | -- | -- | 0 | -- | -- |
| Connecticut | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Maine | 5 | 0.81 | 8.7 | 0 | -- | -- | 0 | -- | -- |
| Massachusetts | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| New Hampshire | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Rhode Island | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Vermont | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Middle Atlantic | 37 | 1.36 | 11.5 | 0 | -- | -- | 0 | -- | -- |
| New Jersey | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| New York | 24 | 1.09 | 11.4 | 0 | -- | -- | 0 | -- | -- |
| Pennsylvania | 13 | 1.83 | 11.6 | 0 | -- | -- | 0 | -- | -- |
| East North Central | 193 | 2.93 | 8.4 | 89 | 0.37 | 5.5 | 0 | -- | -- |
| Illinois | 111 | 3.50 | 8.0 | 62 | 0.41 | 5.5 | 0 | -- | -- |
| Indiana | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Michigan | 14 | 0.92 | 8.7 | 0 | -- | -- | 0 | -- | -- |
| Ohio | 25 | 3.48 | 10.2 | 0 | -- | -- | 0 | -- | -- |
| Wisconsin | 42 | 1.92 | 8.1 | 26 | 0.27 | 5.5 | 0 | -- | -- |
| West North Central | 35 | 3.50 | 8.0 | 65 | 0.22 | 4.4 | 0 | -- | -- |
| Iowa | 35 | 3.50 | 8.0 | 65 | 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 | 139 | 1.36 | 11.7 | 0 | -- | -- | 0 | -- | -- |
| Delaware | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| District of Columbia | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Florida | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Georgia | 32 | 0.76 | 7.9 | 0 | -- | -- | 0 | -- | -- |
| Maryland | 31 | 2.24 | 23.2 | 0 | -- | -- | 0 | -- | -- |
| North Carolina | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| South Carolina | 17 | 0.73 | 7.9 | 0 | -- | -- | 0 | -- | -- |
| Virginia | 31 | 1.82 | 8.0 | 0 | -- | -- | 0 | -- | -- |
| West Virginia | 27 | 1.03 | 11.7 | 0 | -- | -- | 0 | -- | -- |
| East South Central | 123 | 0.83 | 8.4 | 0 | -- | -- | 0 | -- | -- |
| Alabama | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Kentucky | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Mississippi | 0 | -- | -- | 0 | -- | -- | 0 | -- | -- |
| Tennessee | 123 | 0.83 | 8.4 | 0 | -- | -- | 0 | -- | -- |
| West South Central | 4 | 0.65 | 9.0 | 0 | -- | -- | 0 | -- | -- |
| Arkansas | 4 | 0.65 | 9.0 | 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 | 54 | 0.51 | 10.7 | 0 | -- | -- | 0 | -- | -- |
| California | 54 | 0.51 | 10.7 | 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 | 590 | 1.76 | 9.6 | 154 | 0.30 | 5.0 | 0 | -- | -- |

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

Notes:
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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 for 2014 are preliminary. Values for 2013 are final. 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 - December 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 | 1,380,662 | 1,336,133 | 1,009,516 | 7,653 | 3,733,965 |
| 2009 | 1,364,758 | 1,306,853 | 917,416 | 7,768 | 3,596,795 |
| 2010 | 1,445,708 | 1,330,199 | 971,221 | 7,712 | 3,754,841 |
| 2011 | 1,422,801 | 1,328,057 | 991,316 | 7,672 | 3,749,846 |
| 2012 | 1,374,515 | 1,327,101 | 985,714 | 7,320 | 3,694,650 |
| 2013 | 1,394,919 | 1,344,207 | 978,352 | 7,625 | 3,725,103 |
| 2014 | 1,402,911 | 1,357,505 | 955,488 | 7,776 | 3,723,681 |
| **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 | 131,794 | 107,983 | 80,260 | 664 | 320,701 |
| February | 113,123 | 101,279 | 76,438 | 659 | 291,499 |
| March | 112,104 | 104,391 | 80,102 | 644 | 297,242 |
| April | 95,547 | 101,886 | 79,732 | 630 | 277,796 |
| May | 95,199 | 109,407 | 84,183 | 627 | 289,416 |
| June | 117,991 | 118,245 | 83,348 | 638 | 320,222 |
| July | 143,877 | 128,324 | 85,905 | 649 | 358,755 |
| August | 138,073 | 128,003 | 86,868 | 645 | 353,589 |
| Sept | 121,427 | 119,170 | 82,273 | 626 | 323,496 |
| October | 98,900 | 112,548 | 82,349 | 591 | 294,387 |
| November | 97,910 | 103,823 | 79,202 | 574 | 281,509 |
| December | 128,975 | 109,146 | 77,692 | 679 | 316,492 |
| **2014** | | | | | |
| January | 146,177 | 114,169 | 77,028 | 735 | 338,108 |
| February | 128,190 | 104,570 | 72,498 | 700 | 305,959 |
| March | 113,968 | 107,173 | 77,474 | 649 | 299,264 |
| April | 92,186 | 102,833 | 77,227 | 641 | 272,887 |
| May | 95,516 | 110,375 | 81,756 | 649 | 288,296 |
| June | 117,630 | 119,153 | 81,784 | 608 | 319,174 |
| July | 136,278 | 126,282 | 84,208 | 643 | 347,411 |
| August | 135,383 | 126,413 | 85,600 | 640 | 348,036 |
| Sept | 120,303 | 120,489 | 81,714 | 626 | 323,133 |
| October | 97,701 | 113,475 | 81,306 | 623 | 293,106 |
| November | 99,166 | 104,391 | 77,897 | 637 | 282,092 |
| December | 120,411 | 108,183 | 76,995 | 626 | 306,215 |
| **Year to Date** | | | | | |
| 2012 | 1,374,515 | 1,327,101 | 985,714 | 7,320 | 3,694,650 |
| 2013 | 1,394,919 | 1,344,207 | 978,352 | 7,625 | 3,725,103 |
| 2014 | 1,402,911 | 1,357,505 | 955,488 | 7,776 | 3,723,681 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 1,394,919 | 1,344,207 | 978,352 | 7,625 | 3,725,103 |
| 2014 | 1,402,911 | 1,357,505 | 955,488 | 7,776 | 3,723,681 |

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

## Table 5.2. Revenue from Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2004 - December 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 | 155,496 | 137,036 | 70,231 | 820 | 363,583 |
| 2009 | 157,044 | 132,747 | 62,670 | 828 | 353,289 |
| 2010 | 166,778 | 135,554 | 65,772 | 814 | 368,918 |
| 2011 | 166,714 | 135,927 | 67,606 | 803 | 371,049 |
| 2012 | 163,280 | 133,898 | 65,761 | 747 | 363,687 |
| 2013 | 169,113 | 138,224 | 66,909 | 805 | 375,050 |
| 2014 | 175,404 | 145,889 | 67,019 | 798 | 389,111 |
| **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 | 15,093 | 10,550 | 5,203 | 70 | 30,916 |
| February | 13,158 | 10,190 | 5,078 | 70 | 28,495 |
| March | 13,011 | 10,457 | 5,303 | 66 | 28,837 |
| April | 11,392 | 10,146 | 5,226 | 65 | 26,829 |
| May | 11,813 | 11,216 | 5,641 | 66 | 28,735 |
| June | 14,797 | 12,639 | 5,971 | 69 | 33,476 |
| July | 18,204 | 13,790 | 6,321 | 71 | 38,386 |
| August | 17,287 | 13,716 | 6,326 | 69 | 37,397 |
| Sept | 15,186 | 12,583 | 5,873 | 68 | 33,710 |
| October | 12,220 | 11,607 | 5,587 | 62 | 29,475 |
| November | 11,839 | 10,465 | 5,226 | 60 | 27,591 |
| December | 15,113 | 10,867 | 5,153 | 69 | 31,202 |
| **2014** | | | | | |
| January | 17,032 | 11,808 | 5,347 | 76 | 34,263 |
| February | 15,279 | 11,160 | 5,129 | 71 | 31,639 |
| March | 13,952 | 11,423 | 5,391 | 67 | 30,833 |
| April | 11,342 | 10,778 | 5,206 | 64 | 27,390 |
| May | 12,263 | 11,642 | 5,511 | 64 | 29,480 |
| June | 15,266 | 13,079 | 5,944 | 63 | 34,353 |
| July | 17,790 | 14,112 | 6,304 | 68 | 38,274 |
| August | 17,625 | 13,991 | 6,316 | 66 | 37,999 |
| Sept | 15,566 | 13,368 | 5,898 | 68 | 34,901 |
| October | 12,297 | 12,330 | 5,650 | 63 | 30,341 |
| November | 12,356 | 11,009 | 5,199 | 64 | 28,628 |
| December | 14,636 | 11,188 | 5,122 | 64 | 31,010 |
| **Year to Date** | | | | | |
| 2012 | 163,280 | 133,898 | 65,761 | 747 | 363,687 |
| 2013 | 169,113 | 138,224 | 66,909 | 805 | 375,050 |
| 2014 | 175,404 | 145,889 | 67,019 | 798 | 389,111 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 169,113 | 138,224 | 66,909 | 805 | 375,050 |
| 2014 | 175,404 | 145,889 | 67,019 | 798 | 389,111 |

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

## Table 5.3. Average Retail Price of Electricity to Ultimate Customers: Total by End-Use Sector, 2004 - December 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 | 10.26 | 6.96 | 10.71 | 9.74 |
| 2009 | 11.51 | 10.16 | 6.83 | 10.66 | 9.82 |
| 2010 | 11.54 | 10.19 | 6.77 | 10.56 | 9.83 |
| 2011 | 11.72 | 10.24 | 6.82 | 10.46 | 9.90 |
| 2012 | 11.88 | 10.09 | 6.67 | 10.21 | 9.84 |
| 2013 | 12.12 | 10.28 | 6.84 | 10.55 | 10.07 |
| 2014 | 12.50 | 10.75 | 7.01 | 10.27 | 10.45 |
| **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 | 11.45 | 9.77 | 6.48 | 10.53 | 9.64 |
| February | 11.63 | 10.06 | 6.64 | 10.56 | 9.78 |
| March | 11.61 | 10.02 | 6.62 | 10.25 | 9.70 |
| April | 11.92 | 9.96 | 6.55 | 10.28 | 9.66 |
| May | 12.41 | 10.25 | 6.70 | 10.50 | 9.93 |
| June | 12.54 | 10.69 | 7.16 | 10.76 | 10.45 |
| July | 12.65 | 10.75 | 7.36 | 10.97 | 10.70 |
| August | 12.52 | 10.72 | 7.28 | 10.77 | 10.58 |
| Sept | 12.51 | 10.56 | 7.14 | 10.88 | 10.42 |
| October | 12.36 | 10.31 | 6.79 | 10.46 | 10.01 |
| November | 12.09 | 10.08 | 6.60 | 10.49 | 9.80 |
| December | 11.72 | 9.96 | 6.63 | 10.20 | 9.86 |
| **2014** | | | | | |
| January | 11.65 | 10.34 | 6.94 | 10.29 | 10.13 |
| February | 11.92 | 10.67 | 7.07 | 10.18 | 10.34 |
| March | 12.24 | 10.66 | 6.96 | 10.28 | 10.30 |
| April | 12.30 | 10.48 | 6.74 | 10.02 | 10.04 |
| May | 12.84 | 10.55 | 6.74 | 9.83 | 10.23 |
| June | 12.98 | 10.98 | 7.27 | 10.45 | 10.76 |
| July | 13.05 | 11.17 | 7.49 | 10.51 | 11.02 |
| August | 13.02 | 11.07 | 7.38 | 10.32 | 10.92 |
| Sept | 12.94 | 11.09 | 7.22 | 10.85 | 10.80 |
| October | 12.59 | 10.87 | 6.95 | 10.17 | 10.35 |
| November | 12.46 | 10.55 | 6.67 | 10.10 | 10.15 |
| December | 12.15 | 10.34 | 6.65 | 10.25 | 10.13 |
| **Year to Date** | | | | | |
| 2012 | 11.88 | 10.09 | 6.67 | 10.21 | 9.84 |
| 2013 | 12.12 | 10.28 | 6.84 | 10.55 | 10.07 |
| 2014 | 12.50 | 10.75 | 7.01 | 10.27 | 10.45 |
| **Rolling 12 Months Ending in December** | | | | | |
| 2013 | 12.12 | 10.28 | 6.84 | 10.55 | 10.07 |
| 2014 | 12.50 | 10.75 | 7.01 | 10.27 | 10.45 |

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

**Table 5.4.A. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, December 2014 and 2013 (Million Kilowatthours)**

| | Residential | | Commercial | | Industrial | | Transportation | | All Sectors | |
|---|---|---|---|---|---|---|---|---|---|---|
| Census Division and State | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 4,172 | 4,497 | 4,319 | 3,725 | 1,489 | 2,191 | 48 | 52 | 10,028 | 10,465 |
| Connecticut | 1,164 | 1,230 | 1,060 | 1,077 | 283 | 282 | 13 | 15 | 2,521 | 2,604 |
| Maine | 444 | 468 | 344 | 347 | 248 | 262 | 0 | 0 | 1,036 | 1,077 |
| Massachusetts | 1,707 | 1,889 | 2,058 | 1,460 | 606 | 1,282 | 32 | 35 | 4,403 | 4,666 |
| New Hampshire | 392 | 419 | 386 | 376 | 159 | 161 | 0 | 0 | 937 | 955 |
| Rhode Island | 262 | 284 | 302 | 296 | 68 | 74 | 3 | 2 | 635 | 657 |
| Vermont | 202 | 206 | 168 | 169 | 125 | 131 | 0 | 0 | 495 | 506 |
| Middle Atlantic | 11,464 | 11,995 | 12,988 | 13,026 | 5,820 | 6,012 | 317 | 358 | 30,588 | 31,391 |
| New Jersey | 2,249 | 2,368 | 3,048 | 3,072 | 599 | 583 | 21 | 23 | 5,918 | 6,046 |
| New York | 4,167 | 4,407 | 6,273 | 6,281 | 1,325 | 1,460 | 233 | 258 | 11,998 | 12,406 |
| Pennsylvania | 5,047 | 5,219 | 3,667 | 3,674 | 3,896 | 3,969 | 63 | 77 | 12,672 | 12,939 |
| East North Central | 17,343 | 18,573 | 15,049 | 15,493 | 15,508 | 15,759 | 52 | 65 | 47,951 | 49,890 |
| Illinois | 4,040 | 4,451 | 4,280 | 4,389 | 3,393 | 3,559 | 45 | 58 | 11,758 | 12,457 |
| Indiana | 3,127 | 3,432 | 1,965 | 2,043 | 3,790 | 3,842 | 2 | 2 | 8,883 | 9,320 |
| Michigan | 3,099 | 3,269 | 3,033 | 3,196 | 2,539 | 2,498 | 0 | 1 | 8,671 | 8,964 |
| Ohio | 5,005 | 5,201 | 3,800 | 3,823 | 3,882 | 3,968 | 4 | 5 | 12,690 | 12,996 |
| Wisconsin | 2,073 | 2,220 | 1,972 | 2,042 | 1,904 | 1,892 | 0 | 0 | 5,949 | 6,154 |
| West North Central | 10,010 | 10,881 | 8,537 | 8,628 | 7,206 | 7,411 | 5 | 4 | 25,757 | 26,925 |
| Iowa | 1,402 | 1,496 | 1,042 | 1,087 | 1,617 | 1,647 | 0 | 0 | 4,061 | 4,230 |
| Kansas | 1,140 | 1,247 | 1,226 | 1,228 | 888 | 925 | 0 | 0 | 3,255 | 3,400 |
| Minnesota | 2,139 | 2,325 | 1,994 | 1,951 | 1,842 | 1,862 | 2 | 2 | 5,978 | 6,140 |
| Missouri | 3,294 | 3,627 | 2,496 | 2,562 | 1,287 | 1,366 | 2 | 2 | 7,079 | 7,558 |
| Nebraska | 986 | 1,039 | 796 | 811 | 795 | 888 | 0 | 0 | 2,577 | 2,738 |
| North Dakota | 568 | 625 | 565 | 579 | 563 | 488 | 0 | 0 | 1,696 | 1,692 |
| South Dakota | 481 | 522 | 417 | 410 | 213 | 235 | 0 | 0 | 1,111 | 1,168 |
| South Atlantic | 30,086 | 30,745 | 23,695 | 24,047 | 11,137 | 10,635 | 106 | 109 | 65,023 | 65,535 |
| Delaware | 402 | 432 | 307 | 339 | 214 | 178 | 0 | 0 | 923 | 949 |
| District of Columbia | 179 | 184 | 678 | 688 | 23 | 20 | 26 | 25 | 906 | 916 |
| Florida | 8,405 | 8,585 | 7,031 | 7,303 | 1,322 | 1,330 | 7 | 7 | 16,765 | 17,225 |
| Georgia | 4,587 | 4,752 | 3,557 | 3,557 | 2,499 | 2,468 | 14 | 13 | 10,657 | 10,791 |
| Maryland | 2,438 | 2,675 | 2,477 | 2,519 | 317 | 334 | 39 | 46 | 5,271 | 5,574 |
| North Carolina | 5,562 | 5,638 | 3,657 | 3,544 | 1,975 | 1,920 | 1 | 1 | 11,195 | 11,103 |
| South Carolina | 2,722 | 2,666 | 1,577 | 1,588 | 2,282 | 2,075 | 0 | 0 | 6,581 | 6,330 |
| Virginia | 4,551 | 4,591 | 3,777 | 3,870 | 1,427 | 1,346 | 18 | 16 | 9,773 | 9,823 |
| West Virginia | 1,240 | 1,223 | 634 | 638 | 1,077 | 962 | 0 | 0 | 2,952 | 2,824 |
| East South Central | 10,246 | 11,028 | 6,817 | 7,054 | 8,593 | 8,263 | 0 | 0 | 25,655 | 26,345 |
| Alabama | 2,666 | 2,944 | 1,704 | 1,787 | 2,944 | 2,690 | 0 | 0 | 7,314 | 7,421 |
| Kentucky | 2,495 | 2,655 | 1,483 | 1,531 | 2,538 | 2,508 | 0 | 0 | 6,516 | 6,694 |
| Mississippi | 1,451 | 1,581 | 1,042 | 1,066 | 1,314 | 1,345 | 0 | 0 | 3,807 | 3,991 |
| Tennessee | 3,634 | 3,848 | 2,588 | 2,670 | 1,798 | 1,720 | 0 | 0 | 8,019 | 8,238 |
| West South Central | 16,001 | 18,375 | 14,771 | 15,126 | 13,318 | 13,513 | 14 | 2 | 44,104 | 47,015 |
| Arkansas | 1,540 | 1,635 | 897 | 901 | 1,317 | 1,341 | 0 | 0 | 3,754 | 3,877 |
| Louisiana | 2,275 | 2,520 | 1,827 | 1,887 | 2,673 | 2,522 | 1 | 1 | 6,776 | 6,930 |
| Oklahoma | 1,974 | 2,319 | 1,499 | 1,600 | 1,387 | 1,380 | 0 | 0 | 4,859 | 5,300 |
| Texas | 10,213 | 11,901 | 10,548 | 10,737 | 7,941 | 8,269 | 13 | 1 | 28,715 | 30,908 |
| Mountain | 7,691 | 8,299 | 7,401 | 7,608 | 6,744 | 6,509 | 12 | 12 | 21,849 | 22,429 |
| Arizona | 2,232 | 2,334 | 2,143 | 2,201 | 1,196 | 1,035 | 0 | 0 | 5,571 | 5,571 |
| Colorado | 1,626 | 1,660 | 1,678 | 1,663 | 1,248 | 1,231 | 6 | 6 | 4,558 | 4,560 |
| Idaho | 855 | 1,018 | 524 | 566 | 523 | 528 | 0 | 0 | 1,902 | 2,112 |
| Montana | 533 | 550 | 418 | 427 | 357 | 344 | 0 | 0 | 1,308 | 1,321 |
| Nevada | 799 | 921 | 669 | 717 | 1,094 | 1,103 | 1 | 1 | 2,563 | 2,742 |
| New Mexico | 578 | 608 | 713 | 709 | 619 | 601 | 0 | 0 | 1,910 | 1,918 |
| Utah | 772 | 890 | 899 | 942 | 825 | 853 | 5 | 6 | 2,501 | 2,690 |
| Wyoming | 296 | 319 | 357 | 382 | 883 | 815 | 0 | 0 | 1,536 | 1,516 |
| Pacific Contiguous | 12,982 | 14,125 | 14,101 | 13,890 | 6,769 | 6,993 | 74 | 77 | 33,926 | 35,085 |
| California | 7,233 | 7,665 | 10,132 | 9,841 | 3,556 | 3,775 | 71 | 75 | 20,992 | 21,356 |
| Oregon | 2,023 | 2,411 | 1,376 | 1,421 | 933 | 944 | 2 | 2 | 4,334 | 4,779 |
| Washington | 3,727 | 4,049 | 2,593 | 2,627 | 2,281 | 2,274 | 0 | 1 | 8,601 | 8,950 |
| Pacific Noncontiguous | 417 | 457 | 506 | 549 | 410 | 406 | 0 | 0 | 1,333 | 1,412 |
| Alaska | 209 | 231 | 251 | 259 | 112 | 112 | 0 | 0 | 573 | 602 |
| Hawaii | 208 | 226 | 254 | 290 | 298 | 294 | 0 | 0 | 761 | 810 |
| U.S. Total | 120,411 | 128,975 | 108,183 | 109,146 | 76,995 | 77,692 | 626 | 679 | 306,215 | 316,492 |

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 for 2013 are final. Values for 2014 are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
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 December 2014 and 2013 (Million Kilowatthours)**

| | Residential | | Commercial | | Industrial | | Transportation | | All Sectors | |
|---|---|---|---|---|---|---|---|---|---|---|
| Census Division and State | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 47,225 | 48,370 | 52,849 | 44,939 | 18,350 | 27,472 | 577 | 577 | 119,002 | 121,358 |
| Connecticut | 12,837 | 13,135 | 12,941 | 13,009 | 3,398 | 3,490 | 183 | 190 | 29,359 | 29,825 |
| Maine | 4,657 | 4,662 | 3,986 | 4,016 | 3,348 | 3,177 | 0 | 0 | 11,991 | 11,855 |
| Massachusetts | 20,025 | 20,728 | 25,737 | 17,713 | 7,358 | 16,463 | 367 | 361 | 53,487 | 55,265 |
| New Hampshire | 4,522 | 4,554 | 4,490 | 4,517 | 1,964 | 1,973 | 0 | 0 | 10,975 | 11,043 |
| Rhode Island | 3,070 | 3,165 | 3,658 | 3,667 | 887 | 923 | 28 | 26 | 7,643 | 7,781 |
| Vermont | 2,114 | 2,126 | 2,038 | 2,017 | 1,394 | 1,446 | 0 | 0 | 5,547 | 5,589 |
| Middle Atlantic | 131,602 | 133,574 | 157,454 | 157,718 | 72,749 | 73,520 | 3,988 | 3,979 | 365,793 | 368,791 |
| New Jersey | 27,892 | 28,545 | 38,037 | 38,231 | 7,309 | 7,566 | 303 | 301 | 73,541 | 74,642 |
| New York | 49,493 | 50,777 | 76,006 | 76,342 | 17,385 | 17,911 | 2,875 | 2,864 | 145,759 | 147,895 |
| Pennsylvania | 54,217 | 54,252 | 43,411 | 43,145 | 48,055 | 48,043 | 810 | 814 | 146,492 | 146,254 |
| East North Central | 187,304 | 188,046 | 183,150 | 182,798 | 193,411 | 198,273 | 648 | 645 | 564,513 | 569,762 |
| Illinois | 45,935 | 46,372 | 50,652 | 50,473 | 42,998 | 44,387 | 582 | 573 | 140,167 | 141,805 |
| Indiana | 33,425 | 33,407 | 24,258 | 24,252 | 46,339 | 47,808 | 21 | 21 | 104,043 | 105,487 |
| Michigan | 33,422 | 34,013 | 37,593 | 37,698 | 31,681 | 31,322 | 4 | 6 | 102,701 | 103,038 |
| Ohio | 52,722 | 52,158 | 47,073 | 46,718 | 48,720 | 51,387 | 42 | 44 | 148,557 | 150,307 |
| Wisconsin | 21,800 | 22,096 | 23,574 | 23,658 | 23,672 | 23,370 | 0 | 0 | 69,046 | 69,124 |
| West North Central | 105,472 | 106,341 | 103,026 | 100,995 | 87,843 | 90,222 | 46 | 41 | 296,386 | 297,599 |
| Iowa | 14,200 | 14,656 | 12,383 | 12,459 | 20,367 | 19,643 | 0 | 0 | 46,949 | 46,757 |
| Kansas | 13,717 | 13,593 | 15,614 | 15,245 | 11,054 | 11,009 | 0 | 0 | 40,385 | 39,847 |
| Minnesota | 22,366 | 22,850 | 23,727 | 23,041 | 21,330 | 22,734 | 24 | 19 | 67,447 | 68,644 |
| Missouri | 35,380 | 35,318 | 30,943 | 30,515 | 16,121 | 17,551 | 22 | 22 | 82,466 | 83,407 |
| Nebraska | 9,911 | 10,062 | 9,577 | 9,387 | 10,390 | 11,251 | 0 | 0 | 29,877 | 30,701 |
| North Dakota | 5,165 | 5,039 | 5,973 | 5,685 | 5,925 | 5,309 | 0 | 0 | 17,063 | 16,033 |
| South Dakota | 4,734 | 4,824 | 4,809 | 4,662 | 2,656 | 2,724 | 0 | 0 | 12,198 | 12,210 |
| South Atlantic | 354,565 | 342,952 | 306,543 | 303,434 | 141,974 | 139,337 | 1,344 | 1,320 | 804,426 | 787,044 |
| Delaware | 4,638 | 4,570 | 4,202 | 4,158 | 2,339 | 2,620 | 0 | 0 | 11,179 | 11,348 |
| District of Columbia | 2,071 | 2,034 | 8,548 | 8,499 | 242 | 227 | 331 | 325 | 11,192 | 11,086 |
| Florida | 116,278 | 113,294 | 92,437 | 92,145 | 16,902 | 16,390 | 95 | 91 | 225,712 | 221,920 |
| Georgia | 57,061 | 53,544 | 46,545 | 45,353 | 31,847 | 31,443 | 165 | 156 | 135,618 | 130,497 |
| Maryland | 27,369 | 27,448 | 29,940 | 29,966 | 3,807 | 3,944 | 539 | 541 | 61,655 | 61,899 |
| North Carolina | 58,226 | 56,251 | 47,528 | 46,649 | 27,054 | 26,872 | 9 | 7 | 132,818 | 129,780 |
| South Carolina | 30,713 | 28,813 | 21,731 | 21,120 | 29,278 | 28,669 | 0 | 0 | 81,722 | 78,602 |
| Virginia | 46,224 | 45,416 | 47,738 | 47,751 | 17,677 | 17,150 | 202 | 195 | 111,841 | 110,512 |
| West Virginia | 11,985 | 11,582 | 7,873 | 7,794 | 12,827 | 12,021 | 4 | 4 | 32,688 | 31,400 |
| East South Central | 121,536 | 117,535 | 88,852 | 91,370 | 104,534 | 109,435 | 1 | 2 | 314,923 | 318,342 |
| Alabama | 32,803 | 31,379 | 22,652 | 22,603 | 34,925 | 33,870 | 0 | 0 | 90,380 | 87,852 |
| Kentucky | 27,223 | 26,788 | 18,877 | 21,004 | 30,617 | 36,972 | 0 | 0 | 76,717 | 84,764 |
| Mississippi | 18,945 | 18,462 | 13,753 | 14,188 | 16,875 | 16,132 | 0 | 0 | 49,573 | 48,782 |
| Tennessee | 42,565 | 40,906 | 33,569 | 33,575 | 22,117 | 22,462 | 1 | 2 | 98,253 | 96,944 |
| West South Central | 214,105 | 212,401 | 194,267 | 192,511 | 165,246 | 166,253 | 189 | 73 | 573,807 | 571,237 |
| Arkansas | 18,408 | 18,219 | 11,955 | 11,898 | 16,782 | 16,565 | NM | 0 | 47,146 | 46,683 |
| Louisiana | 31,282 | 30,709 | 24,522 | 24,254 | 32,009 | 30,833 | 12 | 11 | 87,825 | 85,808 |
| Oklahoma | 23,394 | 23,200 | 19,861 | 19,843 | 16,855 | 16,886 | 0 | 0 | 60,110 | 59,929 |
| Texas | 141,021 | 140,273 | 137,929 | 136,516 | 99,600 | 101,968 | 177 | 61 | 378,726 | 378,817 |
| Mountain | 93,741 | 96,356 | 93,794 | 94,636 | 83,497 | 82,034 | 133 | 124 | 271,165 | 273,150 |
| Arizona | 32,206 | 33,104 | 29,860 | 30,039 | 13,881 | 12,526 | 0 | 0 | 75,948 | 75,668 |
| Colorado | 18,154 | 18,529 | 19,996 | 20,098 | 15,260 | 14,753 | 64 | 62 | 53,474 | 53,442 |
| Idaho | 8,124 | 8,619 | 6,116 | 6,250 | 8,939 | 9,322 | 0 | 0 | 23,179 | 24,192 |
| Montana | 4,949 | 4,926 | 4,943 | 4,890 | 4,136 | 4,229 | 0 | 0 | 14,028 | 14,045 |
| Nevada | 11,935 | 12,142 | 8,865 | 9,302 | 13,616 | 13,759 | 8 | 8 | 34,424 | 35,211 |
| New Mexico | 6,663 | 6,804 | 9,006 | 8,983 | 7,328 | 7,278 | 0 | 0 | 22,997 | 23,065 |
| Utah | 8,948 | 9,402 | 10,987 | 11,008 | 9,938 | 10,010 | 61 | 54 | 29,934 | 30,474 |
| Wyoming | 2,763 | 2,829 | 4,021 | 4,067 | 10,398 | 10,157 | 0 | 0 | 17,181 | 17,054 |
| Pacific Contiguous | 142,772 | 144,631 | 171,594 | 169,710 | 82,862 | 86,843 | 850 | 864 | 398,078 | 402,049 |
| California | 88,800 | 89,319 | 125,714 | 123,971 | 43,259 | 47,399 | 821 | 836 | 258,595 | 261,525 |
| Oregon | 18,788 | 19,329 | 16,135 | 16,080 | 11,984 | 12,210 | 23 | 22 | 46,930 | 47,641 |
| Washington | 35,184 | 35,983 | 29,746 | 29,659 | 27,619 | 27,235 | 5 | 6 | 92,553 | 92,883 |
| Pacific Noncontiguous | 4,589 | 4,713 | 5,976 | 6,095 | 5,023 | 4,963 | 0 | 0 | 15,588 | 15,771 |
| Alaska | 2,050 | 2,104 | 2,791 | 2,824 | 1,341 | 1,340 | 0 | 0 | 6,182 | 6,268 |
| Hawaii | 2,539 | 2,609 | 3,185 | 3,271 | 3,682 | 3,623 | 0 | 0 | 9,406 | 9,503 |
| U.S. Total | 1,402,911 | 1,394,919 | 1,357,505 | 1,344,207 | 955,488 | 978,352 | 7,776 | 7,625 | 3,723,681 | 3,725,103 |

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 for 2013 are final. Values for 2014 are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
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, December 2014 and 2013 (Million Dollars)**

| Census Division and State | Residential | | Commercial | | Industrial | | Transportation | | All Sectors | |
|---|---|---|---|---|---|---|---|---|---|---|
| | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 786 | 821 | 645 | 572 | 175 | 276 | 4 | 7 | 1,610 | 1,676 |
| Connecticut | 229 | 216 | 167 | 159 | 37 | 35 | 1 | 2 | 434 | 412 |
| Maine | 70 | 67 | NM | 45 | 23 | 24 | 0 | 0 | 137 | 136 |
| Massachusetts | 336 | 378 | 307 | 240 | 75 | 172 | NM | 5 | 720 | 794 |
| New Hampshire | 73 | 68 | 57 | 54 | 19 | 19 | 0 | 0 | 148 | 141 |
| Rhode Island | 45 | 57 | 46 | 50 | 9 | 11 | 0 | 0 | 101 | 118 |
| Vermont | 34 | 35 | 24 | 25 | 12 | 15 | 0 | 0 | 70 | 75 |
| Middle Atlantic | 1,810 | 1,829 | 1,651 | 1,621 | 415 | 427 | 38 | 41 | 3,915 | 3,918 |
| New Jersey | 350 | 362 | 369 | 376 | 62 | 63 | 2 | 3 | 783 | 803 |
| New York | 803 | 801 | 933 | 907 | 81 | 87 | 32 | 33 | 1,848 | 1,828 |
| Pennsylvania | 657 | 666 | 350 | 338 | 272 | 278 | 5 | 6 | 1,283 | 1,287 |
| East North Central | 2,130 | 2,134 | 1,467 | 1,431 | 1,053 | 1,019 | 4 | 3 | 4,654 | 4,587 |
| Illinois | 457 | 438 | 365 | 342 | 215 | 202 | 3 | 3 | 1,039 | 985 |
| Indiana | 346 | 360 | 194 | 194 | 255 | 256 | 0 | 0 | 795 | 811 |
| Michigan | 432 | 464 | 322 | 343 | 189 | 187 | 0 | 0 | 943 | 994 |
| Ohio | 617 | 588 | 376 | 346 | 255 | 242 | 0 | 0 | 1,248 | 1,176 |
| Wisconsin | 278 | 284 | 211 | 205 | 140 | 131 | 0 | 0 | 629 | 620 |
| West North Central | 1,013 | 1,084 | 722 | 720 | 453 | 466 | 0 | 0 | 2,189 | 2,270 |
| Iowa | 142 | 155 | 81 | 87 | 84 | 85 | 0 | 0 | 308 | 327 |
| Kansas | 129 | 136 | 114 | 114 | 65 | 67 | 0 | 0 | 308 | 317 |
| Minnesota | 246 | 260 | 180 | 174 | 120 | 127 | 0 | 0 | 546 | 562 |
| Missouri | 309 | 333 | 199 | 196 | 71 | 76 | 0 | 0 | 579 | 606 |
| Nebraska | 92 | 95 | 66 | 66 | 54 | 60 | 0 | 0 | 212 | 222 |
| North Dakota | 47 | 53 | 45 | 48 | 44 | 35 | 0 | 0 | 137 | 136 |
| South Dakota | 48 | 50 | 36 | 34 | 15 | 16 | 0 | 0 | 99 | 100 |
| South Atlantic | 3,398 | 3,396 | 2,268 | 2,258 | 710 | 697 | 9 | 10 | 6,385 | 6,360 |
| Delaware | 53 | 55 | 31 | 35 | 18 | 15 | 0 | 0 | 102 | 105 |
| District of Columbia | 22 | 23 | 80 | 82 | 2 | 1 | NM | 2 | 107 | 108 |
| Florida | 1,002 | 971 | 705 | 689 | 105 | 100 | 1 | 1 | 1,812 | 1,761 |
| Georgia | 477 | 495 | 343 | 353 | 145 | 152 | 1 | 1 | 965 | 1,000 |
| Maryland | 329 | 359 | 270 | 272 | 27 | 28 | 4 | 4 | 629 | 664 |
| North Carolina | 583 | 595 | 310 | 314 | 118 | 123 | 0 | 0 | 1,010 | 1,033 |
| South Carolina | 322 | 311 | 160 | 158 | 134 | 132 | 0 | 0 | 616 | 602 |
| Virginia | 499 | 475 | 319 | 304 | 100 | 88 | 2 | 1 | 920 | 869 |
| West Virginia | 113 | 111 | 49 | 49 | 61 | 57 | 0 | 0 | 223 | 217 |
| East South Central | 1,070 | 1,105 | 700 | 694 | 482 | 479 | 0 | 0 | 2,251 | 2,278 |
| Alabama | 295 | 309 | 183 | 184 | 168 | 150 | 0 | 0 | 646 | 643 |
| Kentucky | 245 | 253 | 140 | 136 | 127 | 142 | 0 | 0 | 512 | 531 |
| Mississippi | 164 | 167 | 114 | 112 | 84 | 84 | 0 | 0 | 363 | 363 |
| Tennessee | 366 | 377 | 263 | 262 | 102 | 103 | 0 | 0 | 730 | 741 |
| West South Central | 1,725 | 1,900 | 1,192 | 1,214 | 797 | 773 | 1 | 0 | 3,716 | 3,887 |
| Arkansas | 140 | 147 | 70 | 72 | 75 | 79 | 0 | 0 | 284 | 297 |
| Louisiana | 209 | 221 | 167 | 166 | 153 | 141 | 0 | 0 | 528 | 528 |
| Oklahoma | 176 | 190 | 111 | 118 | 72 | 74 | 0 | 0 | 360 | 382 |
| Texas | 1,201 | 1,342 | 844 | 859 | 497 | 479 | 1 | 0 | 2,543 | 2,680 |
| Mountain | 843 | 896 | 673 | 680 | 409 | 396 | 1 | 1 | 1,926 | 1,973 |
| Arizona | 244 | 256 | 200 | 202 | 71 | 64 | 0 | 0 | 515 | 522 |
| Colorado | 186 | 190 | 158 | 158 | 84 | 85 | 1 | 1 | 429 | 434 |
| Idaho | 80 | 94 | 40 | 42 | 31 | 30 | 0 | 0 | 151 | 166 |
| Montana | 52 | 55 | 39 | 40 | 18 | 19 | 0 | 0 | 110 | 114 |
| Nevada | 104 | 113 | 64 | 68 | 65 | 64 | 0 | 0 | 232 | 245 |
| New Mexico | 67 | 66 | 71 | 66 | 36 | 37 | 0 | 0 | 174 | 169 |
| Utah | 80 | 89 | 69 | 72 | 46 | 46 | 0 | 1 | 196 | 207 |
| Wyoming | 31 | 32 | 31 | 32 | 57 | 53 | 0 | 0 | 120 | 117 |
| Pacific Contiguous | 1,750 | 1,826 | 1,748 | 1,536 | 529 | 513 | 6 | 7 | 4,032 | 3,881 |
| California | 1,235 | 1,236 | 1,427 | 1,206 | 383 | 363 | 6 | 7 | 3,052 | 2,811 |
| Oregon | 208 | 239 | 119 | 122 | 54 | 53 | 0 | 0 | 381 | 414 |
| Washington | 306 | 351 | 201 | 208 | 92 | 97 | 0 | 0 | 599 | 656 |
| Pacific Noncontiguous | 111 | 124 | 123 | 141 | 100 | 107 | 0 | 0 | 333 | 372 |
| Alaska | 39 | 42 | 41 | 43 | 16 | 19 | 0 | 0 | 96 | 104 |
| Hawaii | 72 | 83 | 82 | 98 | 84 | 88 | 0 | 0 | 237 | 268 |
| U.S. Total | 14,636 | 15,113 | 11,188 | 10,867 | 5,122 | 5,153 | 64 | 69 | 31,010 | 31,202 |

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 for 2013 are final. Values for 2014 are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
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 December 2014 and 2013 (Million Dollars)**

| Census Division and State | Residential | | Commercial | | Industrial | | Transportation | | All Sectors | |
|---|---|---|---|---|---|---|---|---|---|---|
| | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 8,415 | 7,846 | 7,759 | 6,277 | 2,155 | 3,365 | 51 | 70 | 18,380 | 17,558 |
| Connecticut | 2,515 | 2,306 | 2,009 | 1,904 | 440 | 440 | 21 | 20 | 4,984 | 4,669 |
| Maine | 713 | 669 | 503 | 471 | 302 | 265 | 0 | 0 | 1,518 | 1,406 |
| Massachusetts | 3,485 | 3,282 | 3,769 | 2,521 | 925 | 2,169 | NM | 47 | 8,205 | 8,020 |
| New Hampshire | 793 | 744 | 647 | 611 | 234 | 225 | 0 | 0 | 1,674 | 1,579 |
| Rhode Island | 539 | 481 | 533 | 474 | 114 | 109 | 4 | 3 | 1,190 | 1,067 |
| Vermont | 370 | 364 | 298 | 296 | 141 | 157 | 0 | 0 | 809 | 817 |
| Middle Atlantic | 21,563 | 20,972 | 21,483 | 20,596 | 5,537 | 5,344 | 488 | 486 | 49,071 | 47,399 |
| New Jersey | 4,406 | 4,490 | 5,019 | 4,884 | 844 | 817 | 32 | 32 | 10,301 | 10,222 |
| New York | 9,922 | 9,544 | 12,245 | 11,722 | 1,129 | 1,179 | 394 | 391 | 23,690 | 22,836 |
| Pennsylvania | 7,234 | 6,938 | 4,219 | 3,991 | 3,564 | 3,348 | 62 | 64 | 15,080 | 14,341 |
| East North Central | 23,405 | 22,820 | 18,097 | 17,519 | 13,396 | 13,182 | 39 | 36 | 54,938 | 53,558 |
| Illinois | 5,242 | 4,928 | 4,421 | 4,111 | 2,730 | 2,638 | 33 | 31 | 12,427 | 11,707 |
| Indiana | 3,761 | 3,673 | 2,385 | 2,328 | 3,185 | 3,202 | 2 | 2 | 9,332 | 9,205 |
| Michigan | 4,847 | 4,962 | 4,111 | 4,171 | 2,443 | 2,417 | 1 | 1 | 11,402 | 11,550 |
| Ohio | 6,529 | 6,264 | 4,611 | 4,367 | 3,226 | 3,196 | 3 | 3 | 14,369 | 13,831 |
| Wisconsin | 3,027 | 2,993 | 2,569 | 2,542 | 1,811 | 1,730 | 0 | 0 | 7,408 | 7,265 |
| West North Central | 11,745 | 11,637 | 9,424 | 9,066 | 5,907 | 6,016 | 4 | 4 | 27,081 | 26,722 |
| Iowa | 1,612 | 1,619 | 1,082 | 1,051 | 1,175 | 1,105 | 0 | 0 | 3,869 | 3,775 |
| Kansas | 1,663 | 1,583 | 1,566 | 1,476 | 826 | 814 | 0 | 0 | 4,056 | 3,872 |
| Minnesota | 2,715 | 2,698 | 2,281 | 2,171 | 1,500 | 1,587 | 2 | 2 | 6,498 | 6,458 |
| Missouri | 3,745 | 3,745 | 2,729 | 2,687 | 998 | 1,105 | 2 | 2 | 7,473 | 7,538 |
| Nebraska | 1,034 | 1,038 | 837 | 807 | 759 | 837 | 0 | 0 | 2,630 | 2,683 |
| North Dakota | 478 | 459 | 509 | 477 | 462 | 378 | 0 | 0 | 1,449 | 1,315 |
| South Dakota | 498 | 495 | 420 | 397 | 187 | 190 | 0 | 0 | 1,105 | 1,081 |
| South Atlantic | 41,680 | 39,047 | 29,788 | 28,451 | 9,560 | 9,120 | 118 | 114 | 81,146 | 76,733 |
| Delaware | 620 | 592 | 445 | 424 | 201 | 221 | 0 | 0 | 1,267 | 1,237 |
| District of Columbia | 265 | 256 | 1,045 | 1,015 | 20 | 13 | 33 | 31 | 1,362 | 1,314 |
| Florida | 13,933 | 12,770 | 9,220 | 8,653 | 1,363 | 1,247 | 9 | 8 | 24,523 | 22,678 |
| Georgia | 6,604 | 6,136 | 4,785 | 4,529 | 2,078 | 1,972 | 10 | 13 | 13,476 | 12,650 |
| Maryland | 3,727 | 3,638 | 3,357 | 3,202 | 343 | 330 | 48 | 46 | 7,475 | 7,215 |
| North Carolina | 6,476 | 6,172 | 4,169 | 4,085 | 1,740 | 1,733 | 1 | 1 | 12,385 | 11,991 |
| South Carolina | 3,767 | 3,456 | 2,215 | 2,086 | 1,830 | 1,723 | 0 | 0 | 7,812 | 7,265 |
| Virginia | 5,170 | 4,925 | 3,925 | 3,820 | 1,233 | 1,136 | 17 | 16 | 10,345 | 9,897 |
| West Virginia | 1,118 | 1,103 | 629 | 636 | 753 | 745 | 0 | 0 | 2,500 | 2,485 |
| East South Central | 13,067 | 12,228 | 9,199 | 8,964 | 6,497 | 6,544 | 0 | 0 | 28,763 | 27,737 |
| Alabama | 3,780 | 3,533 | 2,456 | 2,377 | 2,167 | 2,014 | 0 | 0 | 8,404 | 7,924 |
| Kentucky | 2,736 | 2,623 | 1,764 | 1,798 | 1,737 | 2,094 | 0 | 0 | 6,237 | 6,515 |
| Mississippi | 2,153 | 1,990 | 1,498 | 1,433 | 1,139 | 1,023 | 0 | 0 | 4,790 | 4,445 |
| Tennessee | 4,397 | 4,083 | 3,481 | 3,357 | 1,454 | 1,413 | 0 | 0 | 9,333 | 8,853 |
| West South Central | 23,712 | 22,813 | 15,998 | 15,617 | 9,998 | 9,673 | 10 | 7 | 49,718 | 48,110 |
| Arkansas | 1,746 | 1,746 | 958 | 957 | 994 | 1,000 | NM | 0 | 3,699 | 3,704 |
| Louisiana | 2,969 | 2,895 | 2,230 | 2,174 | 1,921 | 1,825 | 1 | 1 | 7,122 | 6,896 |
| Oklahoma | 2,330 | 2,244 | 1,593 | 1,541 | 945 | 927 | 0 | 0 | 4,867 | 4,713 |
| Texas | 16,667 | 15,926 | 11,216 | 10,945 | 6,137 | 5,920 | 9 | 6 | 34,029 | 32,797 |
| Mountain | 10,979 | 10,902 | 9,085 | 8,844 | 5,563 | 5,314 | 14 | 13 | 25,641 | 25,073 |
| Arizona | 3,858 | 3,878 | 3,000 | 2,958 | 922 | 834 | 0 | 0 | 7,780 | 7,670 |
| Colorado | 2,211 | 2,210 | 2,040 | 1,982 | 1,112 | 1,083 | 7 | 7 | 5,369 | 5,282 |
| Idaho | 793 | 804 | 477 | 460 | 574 | 569 | 0 | 0 | 1,843 | 1,833 |
| Montana | 508 | 509 | 475 | 466 | 226 | 230 | 0 | 0 | 1,209 | 1,205 |
| Nevada | 1,537 | 1,444 | 857 | 839 | 964 | 896 | 1 | 1 | 3,358 | 3,180 |
| New Mexico | 822 | 795 | 933 | 875 | 475 | 463 | 0 | 0 | 2,229 | 2,132 |
| Utah | 960 | 975 | 947 | 916 | 604 | 588 | 6 | 6 | 2,517 | 2,484 |
| Wyoming | 291 | 287 | 358 | 349 | 688 | 652 | 0 | 0 | 1,337 | 1,288 |
| Pacific Contiguous | 19,495 | 19,502 | 23,483 | 21,335 | 7,081 | 7,056 | 74 | 74 | 50,133 | 47,967 |
| California | 14,462 | 14,459 | 19,703 | 17,632 | 5,159 | 5,196 | 72 | 71 | 39,396 | 37,358 |
| Oregon | 1,967 | 1,913 | 1,422 | 1,396 | 729 | 708 | 2 | 2 | 4,120 | 4,019 |
| Washington | 3,066 | 3,129 | 2,358 | 2,307 | 1,193 | 1,152 | 0 | 0 | 6,617 | 6,589 |
| Pacific Noncontiguous | 1,344 | 1,346 | 1,573 | 1,554 | 1,324 | 1,294 | 0 | 0 | 4,241 | 4,194 |
| Alaska | 396 | 381 | 480 | 440 | 212 | 212 | 0 | 0 | 1,087 | 1,033 |
| Hawaii | 948 | 965 | 1,093 | 1,114 | 1,113 | 1,082 | 0 | 0 | 3,154 | 3,161 |
| U.S. Total | 175,404 | 169,113 | 145,889 | 138,224 | 67,019 | 66,909 | 798 | 805 | 389,111 | 375,050 |

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 for 2013 are final. Values for 2014 are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

**Table 5.6.A. Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, by State, December 2014 and 2013 (Cents per Kilowatthour)**

| | Residential | | Commercial | | Industrial | | Transportation | | All Sectors | |
|---|---|---|---|---|---|---|---|---|---|---|
| Census Division and State | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 18.83 | 18.26 | 14.94 | 15.36 | 11.73 | 12.60 | 8.85 | 13.11 | 16.05 | 16.02 |
| Connecticut | 19.69 | 17.59 | 15.70 | 14.73 | 13.08 | 12.53 | 11.35 | 12.58 | 17.23 | 15.83 |
| Maine | 15.71 | 14.31 | NM | 12.98 | 9.10 | 9.23 | -- | -- | 13.20 | 12.65 |
| Massachusetts | 19.66 | 20.00 | 14.92 | 16.42 | 12.32 | 13.42 | NM | 13.45 | 16.34 | 17.02 |
| New Hampshire | 18.52 | 16.13 | 14.68 | 14.30 | 11.79 | 11.97 | -- | -- | 15.79 | 14.71 |
| Rhode Island | 17.03 | 20.17 | 15.39 | 16.83 | 13.53 | 14.32 | 17.75 | 11.24 | 15.88 | 17.97 |
| Vermont | 16.69 | 17.03 | 14.39 | 14.85 | 9.96 | 11.19 | -- | -- | 14.21 | 14.79 |
| Middle Atlantic | 15.79 | 15.24 | 12.71 | 12.44 | 7.14 | 7.11 | 12.13 | 11.52 | 12.80 | 12.48 |
| New Jersey | 15.56 | 15.28 | 12.10 | 12.23 | 10.36 | 10.74 | 9.86 | 11.35 | 13.23 | 13.28 |
| New York | 19.26 | 18.18 | 14.87 | 14.45 | 6.13 | 5.97 | 13.60 | 12.62 | 15.40 | 14.74 |
| Pennsylvania | 13.01 | 12.75 | 9.54 | 9.19 | 6.99 | 6.99 | 7.43 | 7.90 | 10.13 | 9.95 |
| East North Central | 12.28 | 11.49 | 9.75 | 9.23 | 6.79 | 6.47 | 7.04 | 5.04 | 9.71 | 9.19 |
| Illinois | 11.31 | 9.84 | 8.52 | 7.80 | 6.33 | 5.68 | 6.81 | 4.67 | 8.84 | 7.91 |
| Indiana | 11.07 | 10.49 | 9.85 | 9.51 | 6.73 | 6.68 | 9.65 | 9.13 | 8.95 | 8.70 |
| Michigan | 13.95 | 14.20 | 10.61 | 10.72 | 7.43 | 7.50 | 11.70 | 11.99 | 10.87 | 11.09 |
| Ohio | 12.32 | 11.30 | 9.89 | 9.06 | 6.57 | 6.11 | 7.89 | 6.73 | 9.83 | 9.05 |
| Wisconsin | 13.41 | 12.79 | 10.69 | 10.05 | 7.34 | 6.92 | -- | -- | 10.57 | 10.08 |
| West North Central | 10.12 | 9.96 | 8.46 | 8.34 | 6.29 | 6.29 | 8.11 | 7.82 | 8.50 | 8.43 |
| Iowa | 10.12 | 10.33 | 7.80 | 8.02 | 5.22 | 5.15 | -- | -- | 7.58 | 7.72 |
| Kansas | 11.34 | 10.92 | 9.31 | 9.32 | 7.30 | 7.22 | -- | -- | 9.47 | 9.33 |
| Minnesota | 11.49 | 11.20 | 9.02 | 8.92 | 6.53 | 6.85 | 9.43 | 9.17 | 9.14 | 9.15 |
| Missouri | 9.37 | 9.18 | 7.99 | 7.66 | 5.52 | 5.60 | 6.52 | 6.40 | 8.18 | 8.02 |
| Nebraska | 9.31 | 9.18 | 8.34 | 8.18 | 6.75 | 6.78 | -- | -- | 8.22 | 8.10 |
| North Dakota | 8.34 | 8.56 | 8.04 | 8.26 | 7.90 | 7.11 | -- | -- | 8.10 | 8.04 |
| South Dakota | 10.03 | 9.66 | 8.60 | 8.25 | 6.88 | 6.77 | -- | -- | 8.89 | 8.58 |
| South Atlantic | 11.30 | 11.04 | 9.57 | 9.39 | 6.37 | 6.55 | 8.80 | 8.76 | 9.82 | 9.70 |
| Delaware | 13.11 | 12.64 | 10.23 | 10.44 | 8.41 | 8.53 | -- | -- | 11.06 | 11.08 |
| District of Columbia | 12.07 | 12.50 | 11.87 | 11.93 | 10.03 | 4.63 | NM | 9.93 | 11.80 | 11.83 |
| Florida | 11.92 | 11.31 | 10.02 | 9.44 | 7.94 | 7.53 | 9.63 | 9.08 | 10.81 | 10.22 |
| Georgia | 10.40 | 10.41 | 9.65 | 9.92 | 5.79 | 6.14 | 5.30 | 7.55 | 9.06 | 9.27 |
| Maryland | 13.51 | 13.43 | 10.89 | 10.82 | 8.42 | 8.43 | 9.41 | 8.58 | 11.94 | 11.91 |
| North Carolina | 10.48 | 10.56 | 8.47 | 8.86 | 5.95 | 6.43 | 7.64 | 8.07 | 9.02 | 9.30 |
| South Carolina | 11.82 | 11.68 | 10.16 | 9.97 | 5.86 | 6.37 | -- | -- | 9.36 | 9.51 |
| Virginia | 10.97 | 10.36 | 8.45 | 7.86 | 7.04 | 6.56 | 8.39 | 8.31 | 9.41 | 8.85 |
| West Virginia | 9.08 | 9.08 | 7.79 | 7.75 | 5.70 | 5.91 | 10.03 | 9.93 | 7.57 | 7.70 |
| East South Central | 10.44 | 10.02 | 10.26 | 9.84 | 5.60 | 5.80 | 8.14 | 12.49 | 8.77 | 8.65 |
| Alabama | 11.08 | 10.50 | 10.71 | 10.29 | 5.70 | 5.59 | -- | -- | 8.83 | 8.67 |
| Kentucky | 9.81 | 9.52 | 9.45 | 8.86 | 5.02 | 5.68 | -- | -- | 7.86 | 7.93 |
| Mississippi | 11.30 | 10.54 | 10.98 | 10.54 | 6.43 | 6.21 | -- | -- | 9.53 | 9.08 |
| Tennessee | 10.06 | 9.79 | 10.14 | 9.82 | 5.67 | 5.97 | 8.14 | 12.49 | 9.11 | 9.00 |
| West South Central | 10.78 | 10.34 | 8.07 | 8.03 | 5.99 | 5.72 | 5.58 | 7.47 | 8.42 | 8.27 |
| Arkansas | 9.07 | 8.98 | 7.80 | 7.96 | 5.66 | 5.88 | 11.03 | 11.21 | 7.57 | 7.67 |
| Louisiana | 9.17 | 8.76 | 9.12 | 8.81 | 5.73 | 5.58 | 8.72 | 8.58 | 7.80 | 7.62 |
| Oklahoma | 8.91 | 8.20 | 7.44 | 7.35 | 5.23 | 5.38 | -- | -- | 7.40 | 7.21 |
| Texas | 11.76 | 11.27 | 8.00 | 8.00 | 6.26 | 5.79 | 5.34 | 5.32 | 8.86 | 8.67 |
| Mountain | 10.97 | 10.79 | 9.09 | 8.94 | 6.06 | 6.09 | 9.95 | 10.13 | 8.81 | 8.80 |
| Arizona | 10.92 | 10.97 | 9.33 | 9.17 | 5.94 | 6.18 | -- | -- | 9.24 | 9.37 |
| Colorado | 11.44 | 11.46 | 9.44 | 9.50 | 6.71 | 6.89 | 10.27 | 10.52 | 9.41 | 9.51 |
| Idaho | 9.41 | 9.26 | 7.61 | 7.37 | 5.87 | 5.66 | -- | -- | 7.94 | 7.85 |
| Montana | 9.73 | 9.94 | 9.41 | 9.46 | 5.14 | 5.51 | -- | -- | 8.37 | 8.63 |
| Nevada | 12.95 | 12.30 | 9.52 | 9.43 | 5.94 | 5.79 | 8.73 | 8.18 | 9.06 | 8.93 |
| New Mexico | 11.58 | 10.84 | 9.96 | 9.34 | 5.86 | 6.10 | -- | -- | 9.12 | 8.80 |
| Utah | 10.34 | 9.98 | 7.71 | 7.65 | 5.58 | 5.35 | 9.70 | 9.95 | 7.82 | 7.70 |
| Wyoming | 10.49 | 10.11 | 8.69 | 8.37 | 6.51 | 6.45 | -- | -- | 7.79 | 7.70 |
| Pacific Contiguous | 13.48 | 12.92 | 12.39 | 11.06 | 7.81 | 7.33 | 8.51 | 8.73 | 11.89 | 11.06 |
| California | 17.08 | 16.12 | 14.09 | 12.25 | 10.78 | 9.61 | 8.49 | 8.74 | 14.54 | 13.16 |
| Oregon | 10.29 | 9.92 | 8.65 | 8.57 | 5.77 | 5.56 | 9.19 | 8.63 | 8.80 | 8.66 |
| Washington | 8.22 | 8.66 | 7.76 | 7.91 | 4.02 | 4.28 | 7.78 | 8.11 | 6.97 | 7.33 |
| Pacific Noncontiguous | 26.50 | 27.20 | 24.26 | 25.67 | 24.32 | 26.22 | -- | -- | 24.98 | 26.32 |
| Alaska | 18.45 | 18.04 | 16.33 | 16.70 | 14.18 | 16.69 | -- | -- | 16.68 | 17.21 |
| Hawaii | 34.59 | 36.58 | 32.09 | 33.68 | 28.13 | 29.86 | -- | -- | 31.22 | 33.10 |
| U.S. Total | 12.15 | 11.72 | 10.34 | 9.96 | 6.65 | 6.63 | 10.25 | 10.20 | 10.13 | 9.86 |

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 for 2013 are final. Values for 2014 are preliminary estimates based on a cutoff model sample.
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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 December 2014 and 2013 (Cents per Kilowatthour)**

| Census Division and State | Residential | | Commercial | | Industrial | | Transportation | | All Sectors | |
|---|---|---|---|---|---|---|---|---|---|---|
| | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD | December 2014 YTD | December 2013 YTD |
| New England | 17.82 | 16.22 | 14.68 | 13.97 | 11.75 | 12.25 | 8.76 | 12.15 | 15.45 | 14.47 |
| Connecticut | 19.59 | 17.55 | 15.52 | 14.63 | 12.95 | 12.61 | 11.30 | 10.31 | 16.98 | 15.66 |
| Maine | 15.32 | 14.35 | 12.63 | 11.74 | 9.01 | 8.34 | -- | -- | 12.66 | 11.86 |
| Massachusetts | 17.40 | 15.83 | 14.65 | 14.23 | 12.57 | 13.18 | NM | 13.06 | 15.34 | 14.51 |
| New Hampshire | 17.54 | 16.33 | 14.41 | 13.52 | 11.90 | 11.40 | -- | -- | 15.25 | 14.30 |
| Rhode Island | 17.56 | 15.20 | 14.57 | 12.92 | 12.83 | 11.82 | 15.18 | 13.03 | 15.57 | 13.72 |
| Vermont | 17.50 | 17.14 | 14.61 | 14.66 | 10.12 | 10.84 | -- | -- | 14.58 | 14.62 |
| Middle Atlantic | 16.38 | 15.70 | 13.64 | 13.06 | 7.61 | 7.27 | 12.24 | 12.23 | 13.42 | 12.85 |
| New Jersey | 15.80 | 15.73 | 13.19 | 12.77 | 11.55 | 10.80 | 10.46 | 10.60 | 14.01 | 13.69 |
| New York | 20.05 | 18.79 | 16.11 | 15.35 | 6.50 | 6.58 | 13.70 | 13.65 | 16.25 | 15.44 |
| Pennsylvania | 13.34 | 12.79 | 9.72 | 9.25 | 7.42 | 6.97 | 7.70 | 7.81 | 10.29 | 9.81 |
| East North Central | 12.50 | 12.14 | 9.88 | 9.58 | 6.93 | 6.65 | 6.03 | 5.61 | 9.73 | 9.40 |
| Illinois | 11.41 | 10.63 | 8.73 | 8.14 | 6.35 | 5.94 | 5.71 | 5.34 | 8.87 | 8.26 |
| Indiana | 11.25 | 10.99 | 9.83 | 9.60 | 6.87 | 6.70 | 10.19 | 9.87 | 8.97 | 8.73 |
| Michigan | 14.50 | 14.59 | 10.94 | 11.06 | 7.71 | 7.72 | 12.97 | 8.77 | 11.10 | 11.21 |
| Ohio | 12.38 | 12.01 | 9.80 | 9.35 | 6.62 | 6.22 | 7.74 | 6.62 | 9.67 | 9.20 |
| Wisconsin | 13.89 | 13.55 | 10.90 | 10.74 | 7.65 | 7.40 | -- | -- | 10.73 | 10.51 |
| West North Central | 11.14 | 10.94 | 9.15 | 8.98 | 6.72 | 6.67 | 8.72 | 8.73 | 9.14 | 8.98 |
| Iowa | 11.35 | 11.05 | 8.74 | 8.44 | 5.77 | 5.62 | -- | -- | 8.24 | 8.07 |
| Kansas | 12.13 | 11.64 | 10.03 | 9.68 | 7.47 | 7.39 | -- | -- | 10.04 | 9.72 |
| Minnesota | 12.14 | 11.81 | 9.61 | 9.42 | 7.03 | 6.98 | 9.79 | 9.79 | 9.63 | 9.41 |
| Missouri | 10.59 | 10.60 | 8.82 | 8.80 | 6.19 | 6.29 | 7.58 | 7.81 | 9.06 | 9.04 |
| Nebraska | 10.44 | 10.31 | 8.74 | 8.60 | 7.30 | 7.44 | -- | -- | 8.80 | 8.74 |
| North Dakota | 9.25 | 9.12 | 8.52 | 8.39 | 7.80 | 7.13 | -- | -- | 8.49 | 8.20 |
| South Dakota | 10.51 | 10.26 | 8.74 | 8.51 | 7.05 | 6.97 | -- | -- | 9.06 | 8.86 |
| South Atlantic | 11.76 | 11.39 | 9.72 | 9.38 | 6.73 | 6.55 | 8.78 | 8.64 | 10.09 | 9.75 |
| Delaware | 13.37 | 12.95 | 10.60 | 10.20 | 8.60 | 8.43 | -- | -- | 11.33 | 10.90 |
| District of Columbia | 12.78 | 12.57 | 12.22 | 11.94 | 8.19 | 5.54 | 9.94 | 9.52 | 12.17 | 11.85 |
| Florida | 11.98 | 11.27 | 9.97 | 9.39 | 8.06 | 7.61 | 9.24 | 8.69 | 10.86 | 10.22 |
| Georgia | 11.57 | 11.46 | 10.28 | 9.99 | 6.52 | 6.27 | 6.31 | 8.03 | 9.94 | 9.69 |
| Maryland | 13.62 | 13.25 | 11.21 | 10.68 | 9.01 | 8.36 | 8.97 | 8.47 | 12.12 | 11.66 |
| North Carolina | 11.12 | 10.97 | 8.77 | 8.76 | 6.43 | 6.45 | 7.84 | 7.94 | 9.32 | 9.24 |
| South Carolina | 12.27 | 11.99 | 10.19 | 9.88 | 6.25 | 6.01 | -- | -- | 9.56 | 9.24 |
| Virginia | 11.19 | 10.84 | 8.22 | 8.00 | 6.97 | 6.63 | 8.24 | 8.17 | 9.25 | 8.96 |
| West Virginia | 9.33 | 9.52 | 7.99 | 8.17 | 5.87 | 6.20 | 9.11 | 8.68 | 7.65 | 7.91 |
| East South Central | 10.75 | 10.40 | 10.35 | 9.81 | 6.22 | 5.98 | 11.96 | 11.68 | 9.13 | 8.71 |
| Alabama | 11.52 | 11.26 | 10.84 | 10.51 | 6.21 | 5.95 | -- | -- | 9.30 | 9.02 |
| Kentucky | 10.05 | 9.79 | 9.34 | 8.56 | 5.67 | 5.66 | -- | -- | 8.13 | 7.69 |
| Mississippi | 11.37 | 10.78 | 10.89 | 10.10 | 6.75 | 6.34 | -- | -- | 9.66 | 9.11 |
| Tennessee | 10.33 | 9.98 | 10.37 | 10.00 | 6.58 | 6.29 | 11.96 | 11.68 | 9.50 | 9.13 |
| West South Central | 11.07 | 10.74 | 8.24 | 8.11 | 6.05 | 5.82 | 5.38 | 10.08 | 8.66 | 8.42 |
| Arkansas | 9.49 | 9.59 | 8.02 | 8.05 | 5.93 | 6.04 | NM | 11.58 | 7.85 | 7.93 |
| Louisiana | 9.49 | 9.43 | 9.10 | 8.96 | 6.00 | 5.92 | 9.27 | 9.45 | 8.11 | 8.04 |
| Oklahoma | 9.96 | 9.67 | 8.02 | 7.77 | 5.61 | 5.49 | -- | -- | 8.10 | 7.86 |
| Texas | 11.82 | 11.35 | 8.13 | 8.02 | 6.16 | 5.81 | 5.11 | 10.19 | 8.99 | 8.66 |
| Mountain | 11.71 | 11.31 | 9.69 | 9.35 | 6.66 | 6.48 | 10.49 | 10.47 | 9.46 | 9.18 |
| Arizona | 11.98 | 11.71 | 10.05 | 9.85 | 6.64 | 6.66 | -- | -- | 10.24 | 10.14 |
| Colorado | 12.18 | 11.93 | 10.20 | 9.86 | 7.28 | 7.34 | 10.79 | 10.55 | 10.04 | 9.88 |
| Idaho | 9.76 | 9.32 | 7.79 | 7.37 | 6.42 | 6.10 | -- | -- | 7.95 | 7.58 |
| Montana | 10.26 | 10.33 | 9.60 | 9.54 | 5.47 | 5.43 | -- | -- | 8.62 | 8.58 |
| Nevada | 12.88 | 11.89 | 9.66 | 9.01 | 7.08 | 6.52 | 9.25 | 8.47 | 9.76 | 9.03 |
| New Mexico | 12.33 | 11.68 | 10.35 | 9.74 | 6.48 | 6.36 | -- | -- | 9.69 | 9.25 |
| Utah | 10.73 | 10.37 | 8.62 | 8.32 | 6.07 | 5.87 | 10.34 | 10.68 | 8.41 | 8.15 |
| Wyoming | 10.53 | 10.16 | 8.90 | 8.57 | 6.62 | 6.42 | -- | -- | 7.78 | 7.55 |
| Pacific Contiguous | 13.65 | 13.48 | 13.69 | 12.57 | 8.54 | 8.13 | 8.77 | 8.54 | 12.59 | 11.93 |
| California | 16.29 | 16.19 | 15.67 | 14.22 | 11.93 | 10.96 | 8.76 | 8.54 | 15.23 | 14.28 |
| Oregon | 10.47 | 9.90 | 8.81 | 8.68 | 6.08 | 5.80 | 9.21 | 8.88 | 8.78 | 8.44 |
| Washington | 8.71 | 8.70 | 7.93 | 7.78 | 4.32 | 4.23 | 8.30 | 8.04 | 7.15 | 7.09 |
| Pacific Noncontiguous | 29.29 | 28.56 | 26.32 | 25.49 | 26.37 | 26.08 | -- | -- | 27.21 | 26.59 |
| Alaska | 19.31 | 18.12 | 17.18 | 15.58 | 15.78 | 15.83 | -- | -- | 17.58 | 16.49 |
| Hawaii | 37.34 | 36.98 | 34.32 | 34.05 | 30.22 | 29.87 | -- | -- | 33.53 | 33.26 |
| U.S. Total | 12.50 | 12.12 | 10.75 | 10.28 | 7.01 | 6.84 | 10.27 | 10.55 | 10.45 | 10.07 |

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 for 2013 are final. Values for 2014 are preliminary estimates based on a cutoff model sample.
See Technical Notes for a discussion of the sample design for the Form EIA-826.
Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.
Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.
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, November 2014 to December 2014**

| | As of End of November 2014 | Activity During December 2014 as Reported to EIA | | As of End of December 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) | 62,289.0 | 2,591.1 | 30.0 | 64,850.1 | 2,561.1 | 4,876.7 | 4,876.7 | 427.0 | 9,851.8 | 0.0 | 25.3 | 427.0 | 9,826.5 | 65,277.1 | 74,676.6 |
| ..... *Solar Photovoltaic* | *7,850.5* | *518.2* | *0.0* | *8,368.7* | *518.2* | *3,032.6* | *3,032.6* | *191.6* | *2,119.2* | *0.0* | *0.0* | *191.6* | *2,119.2* | *8,560.3* | *10,487.9* |
| ..... *Solar Thermal without Energy Storage* | *1,112.5* | *250.0* | *0.0* | *1,362.5* | *250.0* | *371.5* | *371.5* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *1,362.5* | *1,362.5* |
| ..... *Solar Thermal with Energy Storage* | *295.4* | *0.0* | *0.0* | *295.4* | *0.0* | *0.0* | *0.0* | *0.0* | *116.0* | *0.0* | *0.0* | *0.0* | *116.0* | *295.4* | *411.4* |
| ..... Solar Subtotal | 9,258.4 | 768.2 | 0.0 | 10,026.6 | 768.2 | 3,404.1 | 3,404.1 | 191.6 | 2,235.2 | 0.0 | 0.0 | 191.6 | 2,235.2 | 10,218.2 | 12,261.8 |
| ..... Conventional Hydroelectric | 79,232.4 | 0.2 | 0.0 | 79,232.6 | 0.2 | 32.6 | 32.6 | 7.6 | 525.7 | 0.0 | 115.4 | 7.6 | 410.3 | 79,240.2 | 79,642.9 |
| ..... *Wood/Wood Waste Biomass* | *8,330.3* | *0.0* | *0.0* | *8,330.3* | *0.0* | *-23.9* | *-23.9* | *25.0* | *70.6* | *0.0* | *23.0* | *25.0* | *47.6* | *8,355.3* | *8,377.9* |
| ..... *Landfill Gas* | *2,065.3* | *3.8* | *0.0* | *2,069.1* | *3.8* | *59.1* | *59.1* | *0.0* | *7.3* | *0.0* | *9.0* | *0.0* | *-1.7* | *2,069.1* | *2,067.4* |
| ..... *Municipal Solid Waste* | *2,230.7* | *0.0* | *0.0* | *2,230.7* | *0.0* | *3.0* | *3.0* | *0.0* | *85.0* | *0.0* | *0.0* | *0.0* | *85.0* | *2,230.7* | *2,315.7* |
| ..... *Other Waste Biomass* | *817.0* | *0.0* | *0.0* | *817.0* | *0.0* | *11.7* | *11.7* | *3.3* | *48.2* | *0.0* | *0.0* | *3.3* | *48.2* | *820.3* | *865.2* |
| ..... Biomass Sources Subtotal | 13,443.3 | 3.8 | 0.0 | 13,447.1 | 3.8 | 49.9 | 49.9 | 28.3 | 211.1 | 0.0 | 32.0 | 28.3 | 179.1 | 13,475.4 | 13,626.2 |
| ..... Geothermal | 2,607.0 | 0.0 | 0.0 | 2,607.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 0.0 | 1.8 | 2,607.0 | 2,608.8 |
| ***... Renewable Sources Subtotal*** | ***166,830.1*** | ***3,363.3*** | ***30.0*** | ***170,163.4*** | ***3,333.3*** | ***8,363.3*** | ***8,363.3*** | ***654.5*** | ***12,825.6*** | ***0.0*** | ***172.7*** | ***654.5*** | ***12,652.9*** | ***170,817.9*** | ***182,816.3*** |
| ..... *Natural Gas Fired Combined Cycle* | *226,815.0* | *2,736.0* | *0.0* | *229,551.0* | *2,736.0* | *7,669.0* | *7,669.0* | *0.0* | *4,618.4* | *0.0* | *101.0* | *0.0* | *4,517.4* | *229,551.0* | *234,068.4* |
| ..... *Natural Gas Fired Combustion Turbine* | *124,666.5* | *0.0* | *16.0* | *124,650.5* | *-16.0* | *94.8* | *94.8* | *88.8* | *1,633.2* | *0.0* | *1,384.5* | *88.8* | *248.7* | *124,739.3* | *124,899.2* |
| ..... *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* | *77,772.1* | *203.5* | *161.0* | *77,814.6* | *42.5* | *-1,027.4* | *-1,027.4* | *84.5* | *531.5* | *10.6* | *531.7* | *73.9* | *-0.2* | *77,888.5* | *77,814.4* |
| ..... Natural Gas Subtotal | 429,363.6 | 2,939.5 | 177.0 | 432,126.1 | 2,762.5 | 6,736.4 | 6,736.4 | 173.3 | 6,783.1 | 10.6 | 2,017.2 | 162.7 | 4,765.9 | 432,288.8 | 436,892.0 |
| ..... *Conventional Steam Coal* | *299,497.3* | *0.0* | *303.6* | *299,193.7* | *-303.6* | *-3,321.6* | *-3,321.6* | *0.0* | *10.0* | *596.5* | *12,932.6* | *-596.5* | *-12,922.6* | *298,597.2* | *286,271.1* |
| ..... *Coal Integrated Gasification Combined Cycle* | *791.0* | *0.0* | *0.0* | *791.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *791.0* | *791.0* |
| ..... Coal Subtotal | 300,288.3 | 0.0 | 303.6 | 299,984.7 | -303.6 | -3,321.6 | -3,321.6 | 0.0 | 10.0 | 596.5 | 12,932.6 | -596.5 | -12,922.6 | 299,388.2 | 287,062.1 |
| ..... Petroleum Coke | 2,319.7 | 0.0 | 0.0 | 2,319.7 | 0.0 | -17.0 | -17.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2,319.7 | 2,319.7 |
| ..... Petroleum Liquids | 40,477.7 | 0.0 | 0.0 | 40,477.7 | 0.0 | -708.6 | -708.6 | 0.3 | 3.2 | 2.9 | 818.0 | -2.6 | -814.8 | 40,475.1 | 39,662.9 |
| ..... Other Gases | 2,067.8 | 0.0 | 0.0 | 2,067.8 | 0.0 | -40.0 | -40.0 | 0.0 | 0.0 | 0.0 | 3.2 | 0.0 | -3.2 | 2,067.8 | 2,064.6 |
| ***... Fossil Fuels Subtotal*** | ***774,517.1*** | ***2,939.5*** | ***480.6*** | ***776,976.0*** | ***2,458.9*** | ***2,649.2*** | ***2,649.2*** | ***173.6*** | ***6,796.3*** | ***610.0*** | ***15,771.0*** | ***-436.4*** | ***-8,974.7*** | ***776,539.6*** | ***768,001.3*** |
| ..... Hydroelectric Pumped Storage | 22,411.3 | 0.0 | 0.0 | 22,411.3 | 0.0 | 22.0 | 22.0 | 0.0 | 114.0 | 0.0 | 0.0 | 0.0 | 114.0 | 22,411.3 | 22,525.3 |
| ..... Flywheels | 43.0 | 0.0 | 0.0 | 43.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 43.0 | 43.0 |
| ..... Batteries | 149.6 | 0.0 | 0.0 | 149.6 | 0.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 149.6 | 149.6 |
| ***... Energy Storage Subtotal*** | ***22,603.9*** | ***0.0*** | ***0.0*** | ***22,603.9*** | ***0.0*** | ***26.0*** | ***26.0*** | ***0.0*** | ***114.0*** | ***0.0*** | ***0.0*** | ***0.0*** | ***114.0*** | ***22,603.9*** | ***22,717.9*** |
| ***... Nuclear*** | ***99,225.2*** | ***0.0*** | ***604.3*** | ***98,620.9*** | ***-604.3*** | ***-619.4*** | ***-619.4*** | ***0.0*** | ***1,122.0*** | ***0.0*** | ***0.0*** | ***0.0*** | ***1,122.0*** | ***98,620.9*** | ***99,742.9*** |
| ***... All Other*** | ***2,108.1*** | ***0.0*** | ***0.0*** | ***2,108.1*** | ***0.0*** | ***-10.3*** | ***-10.3*** | ***0.0*** | ***15.0*** | ***0.0*** | ***0.0*** | ***0.0*** | ***15.0*** | ***2,108.1*** | ***2,123.1*** |
| **TOTAL** | **1,065,284.4** | **6,302.8** | **1,114.9** | **1,070,472.3** | **5,187.9** | **10,408.8** | **10,408.8** | **828.1** | **20,872.9** | **610.0** | **15,943.7** | **218.1** | **4,929.2** | **1,070,690.4** | **1,075,401.5** |

NOTES:

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

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

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

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

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

## Table 6.2.A. Net Summer Capacity of Utility Scale Units by Technology and by State, December 2014 and 2013 (Megawatts)

| Census Division and State | Renewable Sources | | Fossil Fuels | | Hydroelectric Pumped Storage | | Other Energy Storage | | Nuclear | | All Other Sources | | All Sources | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 4,494.0 | 4,403.4 | 22,825.3 | 23,564.2 | 1,775.4 | 1,753.4 | 3.0 | 3.0 | 4,026.0 | 4,645.4 | 52.9 | 52.9 | 33,176.6 | 34,422.3 |
| Connecticut | 331.6 | 331.6 | 6,269.4 | 6,274.1 | 29.4 | 29.4 | 0.0 | 0.0 | 2,102.5 | 2,102.5 | 30.9 | 30.9 | 8,763.8 | 8,768.5 |
| Maine | 1,809.6 | 1,809.6 | 2,663.3 | 2,667.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.0 | 22.0 | 4,494.9 | 4,498.9 |
| Massachusetts | 836.6 | 746.5 | 9,796.6 | 10,526.8 | 1,746.0 | 1,724.0 | 3.0 | 3.0 | 677.3 | 677.3 | 0.0 | 0.0 | 13,059.5 | 13,677.6 |
| New Hampshire | 930.5 | 930.5 | 2,236.7 | 2,236.7 | 0.0 | 0.0 | 0.0 | 0.0 | 1,246.2 | 1,246.2 | 0.0 | 0.0 | 4,413.4 | 4,413.4 |
| Rhode Island | 49.5 | 49.5 | 1,759.8 | 1,759.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1,809.3 | 1,809.3 |
| Vermont | 536.2 | 535.7 | 99.5 | 99.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 619.4 | 0.0 | 0.0 | 635.7 | 1,254.6 |
| Middle Atlantic | 10,131.2 | 10,088.6 | 69,228.6 | 69,239.5 | 3,341.0 | 3,341.0 | 40.0 | 40.0 | 19,234.3 | 19,234.3 | 11.2 | 11.2 | 101,986.3 | 101,954.6 |
| New Jersey | 611.9 | 575.5 | 14,258.7 | 13,882.4 | 420.0 | 420.0 | 0.0 | 0.0 | 4,107.5 | 4,107.5 | 11.2 | 11.2 | 19,409.3 | 18,996.6 |
| New York | 6,665.4 | 6,649.2 | 26,422.8 | 26,428.0 | 1,400.0 | 1,400.0 | 20.0 | 20.0 | 5,421.0 | 5,421.0 | 0.0 | 0.0 | 39,929.2 | 39,918.2 |
| Pennsylvania | 2,853.9 | 2,863.9 | 28,547.1 | 28,929.1 | 1,521.0 | 1,521.0 | 20.0 | 20.0 | 9,705.8 | 9,705.8 | 0.0 | 0.0 | 42,647.8 | 43,039.8 |
| East North Central | 9,652.8 | 9,077.8 | 121,101.4 | 122,181.5 | 1,872.0 | 1,872.0 | 24.0 | 20.0 | 18,838.1 | 18,838.1 | 109.1 | 109.1 | 151,597.4 | 152,098.5 |
| Illinois | 3,719.1 | 3,718.2 | 29,662.4 | 29,654.6 | 0.0 | 0.0 | 0.0 | 0.0 | 11,577.5 | 11,577.5 | 0.0 | 0.0 | 44,959.0 | 44,950.3 |
| Indiana | 1,956.1 | 1,711.6 | 25,396.6 | 25,396.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 88.0 | 88.0 | 27,440.7 | 27,196.2 |
| Michigan | 2,166.5 | 1,849.5 | 22,316.1 | 22,477.6 | 1,872.0 | 1,872.0 | 0.0 | 0.0 | 3,929.1 | 3,929.1 | 0.0 | 0.0 | 30,283.7 | 30,128.2 |
| Ohio | 706.8 | 703.6 | 28,834.1 | 29,624.1 | 0.0 | 0.0 | 24.0 | 20.0 | 2,134.0 | 2,134.0 | 0.0 | 0.0 | 31,698.9 | 32,481.7 |
| Wisconsin | 1,104.3 | 1,094.9 | 14,892.2 | 15,028.6 | 0.0 | 0.0 | 0.0 | 0.0 | 1,197.5 | 1,197.5 | 21.1 | 21.1 | 17,215.1 | 17,342.1 |
| West North Central | 19,276.0 | 18,191.6 | 62,379.0 | 62,092.9 | 657.0 | 657.0 | 1.0 | 1.0 | 5,888.0 | 5,888.0 | 24.5 | 24.5 | 88,225.5 | 86,855.0 |
| Iowa | 5,723.7 | 5,207.5 | 10,125.3 | 10,120.1 | 0.0 | 0.0 | 0.0 | 0.0 | 601.4 | 601.4 | 0.0 | 0.0 | 16,450.4 | 15,929.0 |
| Kansas | 2,990.9 | 2,990.9 | 10,174.3 | 10,077.3 | 0.0 | 0.0 | 0.0 | 0.0 | 1,175.0 | 1,175.0 | 0.8 | 0.8 | 14,341.0 | 14,244.0 |
| Minnesota | 3,517.9 | 3,467.5 | 10,625.3 | 10,598.3 | 0.0 | 0.0 | 1.0 | 1.0 | 1,673.0 | 1,673.0 | 18.4 | 18.4 | 15,835.6 | 15,758.2 |
| Missouri | 1,053.0 | 1,039.1 | 18,859.1 | 18,910.6 | 657.0 | 657.0 | 0.0 | 0.0 | 1,194.0 | 1,194.0 | 0.0 | 0.0 | 21,763.1 | 21,800.7 |
| Nebraska | 1,103.5 | 819.1 | 6,384.9 | 6,384.9 | 0.0 | 0.0 | 0.0 | 0.0 | 1,244.6 | 1,244.6 | 0.0 | 0.0 | 8,733.0 | 8,448.6 |
| North Dakota | 2,479.0 | 2,279.0 | 4,511.4 | 4,281.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 6,995.7 | 6,565.7 |
| South Dakota | 2,408.0 | 2,388.5 | 1,698.7 | 1,720.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4,106.7 | 4,108.8 |
| South Atlantic | 12,679.6 | 12,360.5 | 163,177.1 | 160,969.0 | 7,905.2 | 7,905.2 | 32.0 | 32.0 | 24,562.6 | 24,562.6 | 902.7 | 930.0 | 209,259.2 | 206,759.3 |
| Delaware | 38.3 | 38.3 | 3,042.4 | 3,207.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3,080.7 | 3,245.7 |
| District of Columbia | 0.0 | 0.0 | 9.0 | 9.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.0 | 9.0 |
| Florida | 1,306.4 | 1,303.2 | 54,337.5 | 53,125.5 | 0.0 | 0.0 | 0.0 | 0.0 | 3,572.0 | 3,572.0 | 752.7 | 780.0 | 59,968.6 | 58,780.7 |
| Georgia | 2,813.6 | 2,813.6 | 29,473.5 | 29,473.5 | 1,862.2 | 1,862.2 | 0.0 | 0.0 | 4,061.0 | 4,061.0 | 0.0 | 0.0 | 38,210.3 | 38,210.3 |
| Maryland | 950.3 | 910.3 | 9,609.2 | 9,713.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1,716.0 | 1,716.0 | 0.0 | 0.0 | 12,275.5 | 12,339.4 |
| North Carolina | 3,168.0 | 2,892.1 | 21,939.5 | 21,939.5 | 86.0 | 86.0 | 0.0 | 0.0 | 5,076.1 | 5,076.1 | 54.0 | 54.0 | 30,323.6 | 30,047.7 |
| South Carolina | 1,769.5 | 1,769.5 | 11,774.9 | 11,974.9 | 2,716.0 | 2,716.0 | 0.0 | 0.0 | 6,556.2 | 6,556.2 | 0.0 | 0.0 | 22,816.6 | 23,016.6 |
| Virginia | 1,747.5 | 1,747.5 | 17,632.6 | 16,162.0 | 3,241.0 | 3,241.0 | 0.0 | 0.0 | 3,581.3 | 3,581.3 | 96.0 | 96.0 | 26,298.4 | 24,827.8 |
| West Virginia | 886.0 | 886.0 | 15,358.5 | 15,364.1 | 0.0 | 0.0 | 32.0 | 32.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16,276.5 | 16,282.1 |
| East South Central | 7,961.0 | 7,986.2 | 70,509.6 | 70,632.1 | 1,616.3 | 1,616.3 | 0.0 | 0.0 | 9,857.5 | 9,857.5 | 151.4 | 151.4 | 90,095.8 | 90,243.5 |
| Alabama | 3,889.6 | 3,948.6 | 22,917.1 | 23,361.1 | 0.0 | 0.0 | 0.0 | 0.0 | 5,043.4 | 5,043.4 | 0.0 | 0.0 | 31,850.1 | 32,353.1 |
| Kentucky | 903.6 | 901.4 | 20,098.2 | 20,102.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21,001.8 | 21,003.6 |
| Mississippi | 278.2 | 278.2 | 14,395.7 | 13,718.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1,413.4 | 1,413.4 | 151.4 | 151.4 | 16,238.7 | 15,561.2 |
| Tennessee | 2,889.6 | 2,858.0 | 13,098.6 | 13,450.6 | 1,616.3 | 1,616.3 | 0.0 | 0.0 | 3,400.7 | 3,400.7 | 0.0 | 0.0 | 21,005.2 | 21,325.6 |
| West South Central | 22,346.0 | 19,933.9 | 146,968.2 | 144,309.4 | 288.0 | 288.0 | 36.0 | 36.0 | 8,904.4 | 8,904.4 | 425.9 | 425.9 | 178,968.5 | 173,897.6 |
| Arkansas | 1,632.6 | 1,632.6 | 11,306.3 | 11,306.3 | 28.0 | 28.0 | 0.0 | 0.0 | 1,819.0 | 1,819.0 | 0.0 | 0.0 | 14,785.9 | 14,785.9 |
| Louisiana | 642.9 | 642.9 | 23,791.9 | 23,257.3 | 0.0 | 0.0 | 0.0 | 0.0 | 2,125.4 | 2,125.4 | 202.3 | 202.3 | 26,762.5 | 26,227.9 |
| Oklahoma | 4,730.9 | 4,076.3 | 18,981.3 | 18,963.9 | 260.0 | 260.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23,972.2 | 23,300.2 |
| Texas | 15,339.6 | 13,582.1 | 92,888.7 | 90,781.9 | 0.0 | 0.0 | 36.0 | 36.0 | 4,960.0 | 4,960.0 | 223.6 | 223.6 | 113,447.9 | 109,583.6 |
| Mountain | 20,631.5 | 19,834.8 | 64,239.2 | 63,937.0 | 778.8 | 778.8 | 2.6 | 2.6 | 3,937.0 | 3,937.0 | 111.4 | 111.4 | 89,700.5 | 88,601.6 |
| Arizona | 4,351.4 | 4,157.5 | 19,592.1 | 19,599.1 | 216.3 | 216.3 | 0.0 | 0.0 | 3,937.0 | 3,937.0 | 0.0 | 0.0 | 28,096.8 | 27,909.9 |
| Colorado | 3,367.8 | 3,122.8 | 11,070.2 | 11,074.8 | 562.5 | 562.5 | 0.0 | 0.0 | 0.0 | 0.0 | 9.3 | 9.3 | 15,009.8 | 14,769.4 |
| Idaho | 3,775.1 | 3,771.5 | 1,137.4 | 1,137.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.8 | 14.8 | 4,927.3 | 4,923.7 |
| Montana | 3,393.2 | 3,373.5 | 2,911.7 | 2,911.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 44.0 | 44.0 | 6,348.9 | 6,329.2 |
| Nevada | 2,215.0 | 1,967.5 | 8,250.6 | 8,684.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10,465.6 | 10,652.1 |
| New Mexico | 1,146.7 | 1,060.4 | 6,898.6 | 6,874.9 | 0.0 | 0.0 | 2.6 | 2.6 | 0.0 | 0.0 | 0.0 | 0.0 | 8,047.9 | 7,937.9 |
| Utah | 666.7 | 666.0 | 7,629.3 | 7,000.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31.8 | 31.8 | 8,327.8 | 7,698.1 |
| Wyoming | 1,715.6 | 1,715.6 | 6,749.3 | 6,654.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.5 | 11.5 | 8,476.4 | 8,381.3 |
| Pacific Contiguous | 61,953.3 | 58,902.3 | 52,555.1 | 53,355.5 | 4,177.6 | 4,177.6 | 6.0 | 6.0 | 3,373.0 | 3,373.0 | 292.4 | 275.4 | 122,357.4 | 120,089.8 |
| California | 25,271.9 | 22,516.6 | 43,923.3 | 44,927.2 | 3,863.6 | 3,863.6 | 6.0 | 6.0 | 2,240.0 | 2,240.0 | 235.6 | 218.6 | 75,540.4 | 73,772.0 |
| Oregon | 12,035.9 | 12,026.1 | 3,838.9 | 3,635.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15,874.8 | 15,661.5 |
| Washington | 24,645.5 | 24,359.6 | 4,792.9 | 4,792.9 | 314.0 | 314.0 | 0.0 | 0.0 | 1,133.0 | 1,133.0 | 56.8 | 56.8 | 30,942.2 | 30,656.3 |
| Pacific Noncontiguous | 1,038.0 | 1,021.0 | 3,992.5 | 4,045.7 | 0.0 | 0.0 | 48.0 | 48.0 | 0.0 | 0.0 | 26.6 | 26.6 | 5,105.1 | 5,141.3 |
| Alaska | 482.6 | 482.6 | 1,920.5 | 1,874.4 | 0.0 | 0.0 | 27.0 | 27.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2,430.1 | 2,384.0 |
| Hawaii | 555.4 | 538.4 | 2,072.0 | 2,171.3 | 0.0 | 0.0 | 21.0 | 21.0 | 0.0 | 0.0 | 26.6 | 26.6 | 2,675.0 | 2,757.3 |
| U.S. Total | 170,163.4 | 161,800.1 | 776,976.0 | 774,326.8 | 22,411.3 | 22,389.3 | 192.6 | 188.6 | 98,620.9 | 99,240.3 | 2,108.1 | 2,118.4 | 1,070,472.3 | 1,060,063.5 |

Values for 2013 are final. Values for 2014 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'

## Table 6.2.B. Net Summer Capacity of Utility Scale Units Using Primarily Renewable Energy Sources and by State, December 2014 and 2013 (Megawatts)

| Census Division and State | Wind | | Solar Photovoltaic | | Solar Thermal | | Conventional Hydroelectric | | Biomass Sources | | Geothermal | | Total Renewable Sources | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 800.9 | 797.5 | 245.7 | 154.8 | 0.0 | 0.0 | 1,952.6 | 1,952.6 | 1,494.8 | 1,498.5 | 0.0 | 0.0 | 4,494.0 | 4,403.4 |
| Connecticut | 0.0 | 0.0 | 5.0 | 5.0 | 0.0 | 0.0 | 122.2 | 122.2 | 204.4 | 204.4 | 0.0 | 0.0 | 331.6 | 331.6 |
| Maine | 430.6 | 430.6 | 0.0 | 0.0 | 0.0 | 0.0 | 726.7 | 726.7 | 652.3 | 652.3 | 0.0 | 0.0 | 1,809.6 | 1,809.6 |
| Massachusetts | 76.1 | 72.7 | 217.4 | 130.7 | 0.0 | 0.0 | 263.0 | 263.0 | 280.1 | 280.1 | 0.0 | 0.0 | 836.6 | 746.5 |
| New Hampshire | 171.0 | 171.0 | 0.0 | 0.0 | 0.0 | 0.0 | 514.4 | 514.4 | 245.1 | 245.1 | 0.0 | 0.0 | 930.5 | 930.5 |
| Rhode Island | 3.0 | 3.0 | 6.9 | 6.9 | 0.0 | 0.0 | 2.7 | 2.7 | 36.9 | 36.9 | 0.0 | 0.0 | 49.5 | 49.5 |
| Vermont | 120.2 | 120.2 | 16.4 | 12.2 | 0.0 | 0.0 | 323.6 | 323.6 | 76.0 | 79.7 | 0.0 | 0.0 | 536.2 | 535.7 |
| Middle Atlantic | 3,098.4 | 3,082.2 | 458.3 | 424.9 | 0.0 | 0.0 | 5,226.8 | 5,227.8 | 1,347.7 | 1,353.7 | 0.0 | 0.0 | 10,131.2 | 10,088.6 |
| New Jersey | 7.5 | 7.5 | 371.3 | 337.9 | 0.0 | 0.0 | 3.3 | 3.3 | 229.8 | 226.8 | 0.0 | 0.0 | 611.9 | 575.5 |
| New York | 1,747.0 | 1,730.8 | 46.2 | 46.2 | 0.0 | 0.0 | 4,332.3 | 4,332.3 | 539.9 | 539.9 | 0.0 | 0.0 | 6,665.4 | 6,649.2 |
| Pennsylvania | 1,343.9 | 1,343.9 | 40.8 | 40.8 | 0.0 | 0.0 | 891.2 | 892.2 | 578.0 | 587.0 | 0.0 | 0.0 | 2,853.9 | 2,863.9 |
| East North Central | 7,414.8 | 6,897.8 | 152.4 | 113.0 | 0.0 | 0.0 | 920.3 | 912.3 | 1,165.3 | 1,154.7 | 0.0 | 0.0 | 9,652.8 | 9,077.8 |
| Illinois | 3,525.1 | 3,525.1 | 31.6 | 31.6 | 0.0 | 0.0 | 34.1 | 34.1 | 128.3 | 127.4 | 0.0 | 0.0 | 3,719.1 | 3,718.2 |
| Indiana | 1,739.7 | 1,539.7 | 88.1 | 49.3 | 0.0 | 0.0 | 60.4 | 60.4 | 67.9 | 62.2 | 0.0 | 0.0 | 1,956.1 | 1,711.6 |
| Michigan | 1,397.3 | 1,080.3 | 0.0 | 0.0 | 0.0 | 0.0 | 331.4 | 331.4 | 437.8 | 437.8 | 0.0 | 0.0 | 2,166.5 | 1,849.5 |
| Ohio | 424.1 | 424.1 | 32.7 | 32.1 | 0.0 | 0.0 | 101.9 | 101.9 | 148.1 | 145.5 | 0.0 | 0.0 | 706.8 | 703.6 |
| Wisconsin | 328.6 | 328.6 | 0.0 | 0.0 | 0.0 | 0.0 | 392.5 | 384.5 | 383.2 | 381.8 | 0.0 | 0.0 | 1,104.3 | 1,094.9 |
| West North Central | 15,458.7 | 14,398.2 | 9.4 | 1.7 | 0.0 | 0.0 | 3,292.6 | 3,292.2 | 515.3 | 499.5 | 0.0 | 0.0 | 19,276.0 | 18,191.6 |
| Iowa | 5,558.4 | 5,047.0 | 0.0 | 0.0 | 0.0 | 0.0 | 144.9 | 144.9 | 20.4 | 15.6 | 0.0 | 0.0 | 5,723.7 | 5,207.5 |
| Kansas | 2,968.9 | 2,968.9 | 0.0 | 0.0 | 0.0 | 0.0 | 7.0 | 7.0 | 15.0 | 15.0 | 0.0 | 0.0 | 2,990.9 | 2,990.9 |
| Minnesota | 2,893.7 | 2,843.7 | 1.7 | 1.7 | 0.0 | 0.0 | 184.6 | 184.2 | 437.9 | 437.9 | 0.0 | 0.0 | 3,517.9 | 3,467.5 |
| Missouri | 458.5 | 458.5 | 7.7 | 0.0 | 0.0 | 0.0 | 570.3 | 570.3 | 16.5 | 10.3 | 0.0 | 0.0 | 1,053.0 | 1,039.1 |
| Nebraska | 810.0 | 530.4 | 0.0 | 0.0 | 0.0 | 0.0 | 277.8 | 277.8 | 15.7 | 10.9 | 0.0 | 0.0 | 1,103.5 | 819.1 |
| North Dakota | 1,959.2 | 1,759.2 | 0.0 | 0.0 | 0.0 | 0.0 | 510.0 | 510.0 | 9.8 | 9.8 | 0.0 | 0.0 | 2,479.0 | 2,279.0 |
| South Dakota | 810.0 | 790.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1,598.0 | 1,598.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2,408.0 | 2,388.5 |
| South Atlantic | 745.3 | 705.3 | 809.4 | 546.7 | 0.0 | 0.0 | 7,193.2 | 7,193.2 | 3,931.7 | 3,915.3 | 0.0 | 0.0 | 12,679.6 | 12,360.5 |
| Delaware | 2.0 | 2.0 | 28.3 | 28.3 | 0.0 | 0.0 | 0.0 | 0.0 | 8.0 | 8.0 | 0.0 | 0.0 | 38.3 | 38.3 |
| District of Columbia | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Florida | 0.0 | 0.0 | 66.4 | 66.4 | 0.0 | 0.0 | 54.5 | 54.5 | 1,185.5 | 1,182.3 | 0.0 | 0.0 | 1,306.4 | 1,303.2 |
| Georgia | 0.0 | 0.0 | 61.1 | 61.1 | 0.0 | 0.0 | 2,044.9 | 2,044.9 | 707.6 | 707.6 | 0.0 | 0.0 | 2,813.6 | 2,813.6 |
| Maryland | 160.0 | 120.0 | 55.2 | 55.2 | 0.0 | 0.0 | 590.0 | 590.0 | 145.1 | 145.1 | 0.0 | 0.0 | 950.3 | 910.3 |
| North Carolina | 0.0 | 0.0 | 595.9 | 333.2 | 0.0 | 0.0 | 1,997.0 | 1,997.0 | 575.1 | 561.9 | 0.0 | 0.0 | 3,168.0 | 2,892.1 |
| South Carolina | 0.0 | 0.0 | 2.5 | 2.5 | 0.0 | 0.0 | 1,340.3 | 1,340.3 | 426.7 | 426.7 | 0.0 | 0.0 | 1,769.5 | 1,769.5 |
| Virginia | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 866.0 | 866.0 | 881.5 | 881.5 | 0.0 | 0.0 | 1,747.5 | 1,747.5 |
| West Virginia | 583.3 | 583.3 | 0.0 | 0.0 | 0.0 | 0.0 | 300.5 | 300.5 | 2.2 | 2.2 | 0.0 | 0.0 | 886.0 | 886.0 |
| East South Central | 29.1 | 29.1 | 45.2 | 13.6 | 0.0 | 0.0 | 6,721.6 | 6,719.4 | 1,165.1 | 1,224.1 | 0.0 | 0.0 | 7,961.0 | 7,986.2 |
| Alabama | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3,272.2 | 3,272.2 | 617.4 | 676.4 | 0.0 | 0.0 | 3,889.6 | 3,948.6 |
| Kentucky | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 833.3 | 831.1 | 70.3 | 70.3 | 0.0 | 0.0 | 903.6 | 901.4 |
| Mississippi | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 278.2 | 278.2 | 0.0 | 0.0 | 278.2 | 278.2 |
| Tennessee | 29.1 | 29.1 | 45.2 | 13.6 | 0.0 | 0.0 | 2,616.1 | 2,616.1 | 199.2 | 199.2 | 0.0 | 0.0 | 2,889.6 | 2,858.0 |
| West South Central | 17,776.1 | 15,454.8 | 180.2 | 125.9 | 0.0 | 0.0 | 3,062.2 | 3,072.2 | 1,327.5 | 1,281.0 | 0.0 | 0.0 | 22,346.0 | 19,933.9 |
| Arkansas | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1,324.2 | 1,324.2 | 308.4 | 308.4 | 0.0 | 0.0 | 1,632.6 | 1,632.6 |
| Louisiana | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 192.0 | 192.0 | 450.9 | 450.9 | 0.0 | 0.0 | 642.9 | 642.9 |
| Oklahoma | 3,779.5 | 3,132.9 | 0.0 | 0.0 | 0.0 | 0.0 | 875.2 | 867.2 | 76.2 | 76.2 | 0.0 | 0.0 | 4,730.9 | 4,076.3 |
| Texas | 13,996.6 | 12,321.9 | 180.2 | 125.9 | 0.0 | 0.0 | 670.8 | 688.8 | 492.0 | 445.5 | 0.0 | 0.0 | 15,339.6 | 13,582.1 |
| Mountain | 7,064.8 | 6,775.7 | 1,967.6 | 1,472.5 | 363.9 | 363.9 | 10,563.5 | 10,551.0 | 184.8 | 184.8 | 486.9 | 486.9 | 20,631.5 | 19,834.8 |
| Arizona | 237.3 | 237.3 | 1,059.8 | 866.9 | 295.4 | 295.4 | 2,720.4 | 2,719.4 | 38.5 | 38.5 | 0.0 | 0.0 | 4,351.4 | 4,157.5 |
| Colorado | 2,537.5 | 2,302.9 | 123.4 | 120.2 | 0.0 | 0.0 | 679.5 | 672.3 | 27.4 | 27.4 | 0.0 | 0.0 | 3,367.8 | 3,122.8 |
| Idaho | 962.7 | 962.7 | 0.0 | 0.0 | 0.0 | 0.0 | 2,708.1 | 2,704.5 | 94.3 | 94.3 | 10.0 | 10.0 | 3,775.1 | 3,771.5 |
| Montana | 632.1 | 612.4 | 0.0 | 0.0 | 0.0 | 0.0 | 2,758.1 | 2,758.1 | 3.0 | 3.0 | 0.0 | 0.0 | 3,393.2 | 3,373.5 |
| Nevada | 150.0 | 150.0 | 539.6 | 292.1 | 68.5 | 68.5 | 1,051.4 | 1,051.4 | 3.2 | 3.2 | 402.3 | 402.3 | 2,215.0 | 1,967.5 |
| New Mexico | 812.3 | 777.5 | 243.5 | 192.0 | 0.0 | 0.0 | 82.9 | 82.9 | 6.4 | 6.4 | 1.6 | 1.6 | 1,146.7 | 1,060.4 |
| Utah | 324.4 | 324.4 | 1.3 | 1.3 | 0.0 | 0.0 | 256.0 | 255.3 | 12.0 | 12.0 | 73.0 | 73.0 | 666.7 | 666.0 |
| Wyoming | 1,408.5 | 1,408.5 | 0.0 | 0.0 | 0.0 | 0.0 | 307.1 | 307.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1,715.6 | 1,715.6 |
| Pacific Contiguous | 12,196.4 | 11,567.2 | 4,468.3 | 2,467.8 | 1,294.0 | 922.5 | 39,859.2 | 39,838.7 | 2,058.3 | 2,029.0 | 2,077.1 | 2,077.1 | 61,953.3 | 58,902.3 |
| California | 5,962.4 | 5,600.0 | 4,455.1 | 2,456.6 | 1,294.0 | 922.5 | 10,173.4 | 10,173.4 | 1,327.6 | 1,304.7 | 2,059.4 | 2,059.4 | 25,271.9 | 22,516.6 |
| Oregon | 3,160.9 | 3,160.9 | 12.7 | 10.7 | 0.0 | 0.0 | 8,517.1 | 8,515.7 | 327.5 | 321.1 | 17.7 | 17.7 | 12,035.9 | 12,026.1 |
| Washington | 3,073.1 | 2,806.3 | 0.5 | 0.5 | 0.0 | 0.0 | 21,168.7 | 21,149.6 | 403.2 | 403.2 | 0.0 | 0.0 | 24,645.5 | 24,359.6 |
| Pacific Noncontiguous | 265.6 | 265.6 | 32.2 | 15.2 | 0.0 | 0.0 | 440.6 | 440.6 | 256.6 | 256.6 | 43.0 | 43.0 | 1,038.0 | 1,021.0 |
| Alaska | 60.0 | 60.0 | 0.0 | 0.0 | 0.0 | 0.0 | 415.6 | 415.6 | 7.0 | 7.0 | 0.0 | 0.0 | 482.6 | 482.6 |
| Hawaii | 205.6 | 205.6 | 32.2 | 15.2 | 0.0 | 0.0 | 25.0 | 25.0 | 249.6 | 249.6 | 43.0 | 43.0 | 555.4 | 538.4 |
| U.S. Total | 64,850.1 | 59,973.4 | 8,368.7 | 5,336.1 | 1,657.9 | 1,286.4 | 79,232.6 | 79,200.0 | 13,447.1 | 13,397.2 | 2,607.0 | 2,607.0 | 170,163.4 | 161,800.1 |

Values for 2013 are final. Values for 2014 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.

## Table 6.2.C. Net Summer Capacity of Utility Scale Units Using Primarily Fossil Fuels and by State, December 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 | December 2014 | December 2013 |
| New England | 11,720.9 | 11,720.9 | 1,111.3 | 1,111.3 | 872.3 | 884.9 | 2,089.3 | 2,382.7 | 0.0 | 0.0 | 7,031.5 | 7,464.4 | 0.0 | 0.0 | 22,825.3 | 23,564.2 |
| Connecticut | 2,504.6 | 2,504.6 | 482.2 | 482.2 | 63.3 | 75.9 | 383.4 | 383.4 | 0.0 | 0.0 | 2,835.9 | 2,828.0 | 0.0 | 0.0 | 6,269.4 | 6,274.1 |
| Maine | 1,250.0 | 1,250.0 | 297.2 | 297.2 | 119.0 | 119.0 | 85.0 | 85.0 | 0.0 | 0.0 | 912.1 | 916.1 | 0.0 | 0.0 | 2,663.3 | 2,667.3 |
| Massachusetts | 5,033.1 | 5,033.1 | 328.1 | 328.1 | 679.6 | 679.6 | 1,087.0 | 1,380.4 | 0.0 | 0.0 | 2,668.8 | 3,105.6 | 0.0 | 0.0 | 9,796.6 | 10,526.8 |
| New Hampshire | 1,201.0 | 1,201.0 | 3.8 | 3.8 | 0.0 | 0.0 | 533.9 | 533.9 | 0.0 | 0.0 | 498.0 | 498.0 | 0.0 | 0.0 | 2,236.7 | 2,236.7 |
| Rhode Island | 1,732.2 | 1,732.2 | 0.0 | 0.0 | 10.4 | 10.4 | 0.0 | 0.0 | 0.0 | 0.0 | 17.2 | 17.2 | 0.0 | 0.0 | 1,759.8 | 1,759.8 |
| Vermont | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 99.5 | 99.5 | 0.0 | 0.0 | 99.5 | 99.5 |
| Middle Atlantic | 23,096.0 | 22,426.7 | 8,764.8 | 8,760.8 | 10,144.4 | 10,148.3 | 18,600.8 | 19,095.8 | 11.6 | 11.6 | 8,510.6 | 8,695.9 | 100.4 | 100.4 | 69,228.6 | 69,239.5 |
| New Jersey | 6,521.3 | 5,852.0 | 4,066.8 | 4,062.8 | 670.4 | 670.4 | 1,875.8 | 1,988.8 | 11.6 | 11.6 | 1,112.8 | 1,296.8 | 0.0 | 0.0 | 14,258.7 | 13,882.4 |
| New York | 8,236.0 | 8,236.0 | 3,017.0 | 3,017.0 | 7,675.4 | 7,679.3 | 2,507.3 | 2,507.3 | 0.0 | 0.0 | 4,987.1 | 4,988.4 | 0.0 | 0.0 | 26,422.8 | 26,428.0 |
| Pennsylvania | 8,338.7 | 8,338.7 | 1,681.0 | 1,681.0 | 1,798.6 | 1,798.6 | 14,217.7 | 14,599.7 | 0.0 | 0.0 | 2,410.7 | 2,410.7 | 100.4 | 100.4 | 28,547.1 | 28,929.1 |
| East North Central | 16,274.9 | 16,267.1 | 25,677.7 | 25,701.7 | 3,533.4 | 3,626.7 | 71,181.6 | 72,138.7 | 570.1 | 570.1 | 2,922.4 | 2,935.9 | 941.3 | 941.3 | 121,101.4 | 122,181.5 |
| Illinois | 2,965.5 | 2,957.7 | 10,169.6 | 10,169.6 | 228.0 | 228.0 | 15,498.4 | 15,498.4 | 0.0 | 0.0 | 683.2 | 683.2 | 117.7 | 117.7 | 29,662.4 | 29,654.6 |
| Indiana | 2,471.2 | 2,471.2 | 3,119.6 | 3,119.6 | 8.7 | 8.7 | 18,648.2 | 18,648.2 | 274.0 | 274.0 | 268.4 | 268.4 | 606.5 | 606.5 | 25,396.6 | 25,396.6 |
| Michigan | 4,210.1 | 4,210.1 | 3,590.4 | 3,614.4 | 3,007.1 | 3,117.1 | 10,946.5 | 10,946.5 | 47.2 | 47.2 | 514.8 | 542.3 | 0.0 | 0.0 | 22,316.1 | 22,477.6 |
| Ohio | 3,965.2 | 3,965.2 | 5,426.7 | 5,426.7 | 131.4 | 133.4 | 18,092.8 | 18,894.8 | 142.0 | 142.0 | 858.9 | 844.9 | 217.1 | 217.1 | 28,834.1 | 29,624.1 |
| Wisconsin | 2,662.9 | 2,662.9 | 3,371.4 | 3,371.4 | 158.2 | 139.5 | 7,995.7 | 8,150.8 | 106.9 | 106.9 | 597.1 | 597.1 | 0.0 | 0.0 | 14,892.2 | 15,028.6 |
| West North Central | 5,730.6 | 5,730.6 | 11,452.4 | 11,334.4 | 3,338.2 | 3,170.7 | 37,703.0 | 37,701.1 | 32.0 | 32.0 | 4,114.4 | 4,115.7 | 8.4 | 8.4 | 62,379.0 | 62,092.9 |
| Iowa | 1,112.8 | 1,112.8 | 1,105.6 | 1,105.6 | 299.1 | 292.6 | 6,562.3 | 6,562.3 | 32.0 | 32.0 | 1,013.5 | 1,014.8 | 0.0 | 0.0 | 10,125.3 | 10,120.1 |
| Kansas | 0.0 | 0.0 | 2,350.7 | 2,350.7 | 2,131.2 | 1,996.2 | 5,150.1 | 5,188.1 | 0.0 | 0.0 | 542.3 | 542.3 | 0.0 | 0.0 | 10,174.3 | 10,077.3 |
| Minnesota | 2,158.2 | 2,158.2 | 2,580.4 | 2,580.4 | 257.2 | 231.2 | 4,822.3 | 4,822.3 | 0.0 | 0.0 | 807.2 | 806.2 | 0.0 | 0.0 | 10,625.3 | 10,598.3 |
| Missouri | 1,830.0 | 1,830.0 | 3,320.9 | 3,370.9 | 230.8 | 230.8 | 12,332.4 | 12,332.9 | 0.0 | 0.0 | 1,145.0 | 1,146.0 | 0.0 | 0.0 | 18,859.1 | 18,910.6 |
| Nebraska | 339.6 | 339.6 | 1,152.2 | 1,152.2 | 407.3 | 407.3 | 4,170.5 | 4,170.5 | 0.0 | 0.0 | 315.3 | 315.3 | 0.0 | 0.0 | 6,384.9 | 6,384.9 |
| North Dakota | 0.0 | 0.0 | 248.0 | 80.0 | 0.0 | 0.0 | 4,190.4 | 4,128.4 | 0.0 | 0.0 | 64.6 | 64.6 | 8.4 | 8.4 | 4,511.4 | 4,281.4 |
| South Dakota | 290.0 | 290.0 | 694.6 | 694.6 | 12.6 | 12.6 | 475.0 | 496.6 | 0.0 | 0.0 | 226.5 | 226.5 | 0.0 | 0.0 | 1,698.7 | 1,720.3 |
| South Atlantic | 47,688.7 | 44,984.5 | 31,702.8 | 31,813.3 | 4,672.3 | 4,667.4 | 64,034.0 | 64,429.1 | 669.8 | 669.8 | 14,144.5 | 14,139.9 | 265.0 | 265.0 | 163,177.1 | 160,969.0 |
| Delaware | 1,196.0 | 1,196.0 | 181.0 | 181.0 | 876.0 | 876.0 | 410.0 | 575.0 | 0.0 | 0.0 | 114.4 | 114.4 | 265.0 | 265.0 | 3,042.4 | 3,207.4 |
| District of Columbia | 0.0 | 0.0 | 9.0 | 9.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.0 | 9.0 |
| Florida | 25,879.9 | 24,667.9 | 8,405.4 | 8,405.4 | 2,647.3 | 2,647.3 | 10,117.0 | 10,117.0 | 586.0 | 586.0 | 6,701.9 | 6,701.9 | 0.0 | 0.0 | 54,337.5 | 53,125.5 |
| Georgia | 7,921.8 | 7,921.8 | 7,799.1 | 7,799.1 | 155.0 | 155.0 | 12,412.1 | 12,412.1 | 83.8 | 83.8 | 1,101.7 | 1,101.7 | 0.0 | 0.0 | 29,473.5 | 29,473.5 |
| Maryland | 250.0 | 230.0 | 1,479.9 | 1,590.4 | 325.8 | 325.8 | 4,739.0 | 4,757.0 | 0.0 | 0.0 | 2,814.5 | 2,809.9 | 0.0 | 0.0 | 9,609.2 | 9,713.1 |
| North Carolina | 4,706.6 | 4,706.6 | 6,035.7 | 6,035.7 | 0.0 | 0.0 | 10,794.8 | 10,794.8 | 0.0 | 0.0 | 402.4 | 402.4 | 0.0 | 0.0 | 21,939.5 | 21,939.5 |
| South Carolina | 2,416.0 | 2,416.0 | 2,841.2 | 2,841.2 | 110.8 | 110.8 | 5,745.5 | 5,945.5 | 0.0 | 0.0 | 661.4 | 661.4 | 0.0 | 0.0 | 11,774.9 | 11,974.9 |
| Virginia | 5,318.4 | 3,846.2 | 3,877.6 | 3,877.6 | 557.4 | 546.9 | 5,542.0 | 5,554.1 | 0.0 | 0.0 | 2,337.2 | 2,337.2 | 0.0 | 0.0 | 17,632.6 | 16,162.0 |
| West Virginia | 0.0 | 0.0 | 1,073.9 | 1,073.9 | 0.0 | 5.6 | 14,273.6 | 14,273.6 | 0.0 | 0.0 | 11.0 | 11.0 | 0.0 | 0.0 | 15,358.5 | 15,364.1 |
| East South Central | 18,338.7 | 17,642.3 | 12,829.5 | 12,829.5 | 2,725.5 | 2,744.4 | 36,311.0 | 37,111.0 | 0.0 | 0.0 | 205.1 | 205.1 | 99.8 | 99.8 | 70,509.6 | 70,632.1 |
| Alabama | 9,373.1 | 9,373.1 | 2,530.6 | 2,530.6 | 178.3 | 178.3 | 10,692.7 | 11,136.7 | 0.0 | 0.0 | 42.6 | 42.6 | 99.8 | 99.8 | 22,917.1 | 23,361.1 |
| Kentucky | 0.0 | 0.0 | 4,812.6 | 4,812.6 | 0.0 | 0.0 | 15,215.7 | 15,219.7 | 0.0 | 0.0 | 69.9 | 69.9 | 0.0 | 0.0 | 20,098.2 | 20,102.2 |
| Mississippi | 7,562.6 | 6,866.2 | 1,716.9 | 1,716.9 | 2,547.2 | 2,566.1 | 2,526.0 | 2,526.0 | 0.0 | 0.0 | 43.0 | 43.0 | 0.0 | 0.0 | 14,395.7 | 13,718.2 |
| Tennessee | 1,403.0 | 1,403.0 | 3,769.4 | 3,769.4 | 0.0 | 0.0 | 7,876.6 | 8,228.6 | 0.0 | 0.0 | 49.6 | 49.6 | 0.0 | 0.0 | 13,098.6 | 13,450.6 |
| West South Central | 58,566.5 | 55,721.7 | 12,299.6 | 12,311.6 | 36,622.5 | 36,756.5 | 37,956.7 | 37,956.7 | 984.2 | 984.2 | 198.8 | 198.8 | 339.9 | 379.9 | 146,968.2 | 144,309.4 |
| Arkansas | 4,630.5 | 4,630.5 | 727.6 | 727.6 | 813.7 | 813.7 | 5,122.3 | 5,122.3 | 0.0 | 0.0 | 12.2 | 12.2 | 0.0 | 0.0 | 11,306.3 | 11,306.3 |
| Louisiana | 7,613.0 | 7,053.4 | 2,640.4 | 2,640.4 | 9,043.5 | 9,068.5 | 3,437.8 | 3,437.8 | 973.6 | 973.6 | 49.3 | 49.3 | 34.3 | 34.3 | 23,791.9 | 23,257.3 |
| Oklahoma | 7,114.9 | 7,097.5 | 1,189.9 | 1,189.9 | 5,297.0 | 5,297.0 | 5,305.1 | 5,305.1 | 0.0 | 0.0 | 74.4 | 74.4 | 0.0 | 0.0 | 18,981.3 | 18,963.9 |
| Texas | 39,208.1 | 36,940.3 | 7,741.7 | 7,753.7 | 21,468.3 | 21,577.3 | 24,091.5 | 24,091.5 | 10.6 | 10.6 | 62.9 | 62.9 | 305.6 | 345.6 | 92,888.7 | 90,781.9 |
| Mountain | 21,920.0 | 21,173.5 | 8,916.0 | 8,869.8 | 3,256.0 | 3,395.2 | 29,673.0 | 30,022.9 | 52.0 | 52.0 | 327.3 | 328.7 | 94.9 | 94.9 | 64,239.2 | 63,937.0 |
| Arizona | 9,806.4 | 9,806.4 | 2,367.6 | 2,367.6 | 1,177.6 | 1,177.6 | 6,150.0 | 6,157.0 | 0.0 | 0.0 | 90.5 | 90.5 | 0.0 | 0.0 | 19,592.1 | 19,599.1 |
| Colorado | 2,731.7 | 2,731.7 | 2,539.3 | 2,539.3 | 349.0 | 352.2 | 5,281.8 | 5,281.8 | 0.0 | 0.0 | 168.4 | 169.8 | 0.0 | 0.0 | 11,070.2 | 11,074.8 |
| Idaho | 567.5 | 567.5 | 543.0 | 543.0 | 4.3 | 4.3 | 17.2 | 17.2 | 0.0 | 0.0 | 5.4 | 5.4 | 0.0 | 0.0 | 1,137.4 | 1,137.4 |
| Montana | 0.0 | 0.0 | 362.1 | 362.1 | 54.0 | 54.0 | 2,442.1 | 2,442.1 | 52.0 | 52.0 | 0.0 | 0.0 | 1.5 | 1.5 | 2,911.7 | 2,911.7 |
| Nevada | 5,410.5 | 5,410.5 | 1,385.6 | 1,385.6 | 451.1 | 587.1 | 997.4 | 1,295.4 | 0.0 | 0.0 | 6.0 | 6.0 | 0.0 | 0.0 | 8,250.6 | 8,684.6 |
| New Mexico | 1,473.9 | 1,456.4 | 1,041.6 | 1,035.4 | 888.7 | 888.7 | 3,471.0 | 3,471.0 | 0.0 | 0.0 | 23.4 | 23.4 | 0.0 | 0.0 | 6,898.6 | 6,874.9 |
| Utah | 1,830.0 | 1,201.0 | 520.2 | 520.2 | 325.3 | 325.3 | 4,926.0 | 4,926.0 | 0.0 | 0.0 | 27.8 | 27.8 | 0.0 | 0.0 | 7,629.3 | 7,000.3 |
| Wyoming | 100.0 | 0.0 | 156.6 | 116.6 | 6.0 | 6.0 | 6,387.5 | 6,432.4 | 0.0 | 0.0 | 5.8 | 5.8 | 93.4 | 93.4 | 6,749.3 | 6,654.2 |
| Pacific Contiguous | 25,609.5 | 25,609.5 | 11,376.2 | 11,347.1 | 12,746.2 | 13,544.1 | 2,144.8 | 2,177.8 | 0.0 | 17.0 | 466.7 | 448.3 | 211.7 | 211.7 | 52,555.1 | 53,355.5 |
| California | 19,924.0 | 19,924.0 | 10,601.2 | 10,572.1 | 12,515.1 | 13,516.5 | 219.8 | 252.8 | 0.0 | 17.0 | 451.5 | 433.1 | 211.7 | 211.7 | 43,923.3 | 44,927.2 |
| Oregon | 2,916.6 | 2,916.6 | 133.8 | 133.8 | 203.5 | 0.0 | 585.0 | 585.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3,838.9 | 3,635.4 |
| Washington | 2,768.9 | 2,768.9 | 641.2 | 641.2 | 27.6 | 27.6 | 1,340.0 | 1,340.0 | 0.0 | 0.0 | 15.2 | 15.2 | 0.0 | 0.0 | 4,792.9 | 4,792.9 |
| Pacific Noncontiguous | 605.2 | 605.2 | 520.2 | 476.2 | 13.8 | 13.8 | 290.5 | 290.5 | 0.0 | 0.0 | 2,556.4 | 2,653.6 | 6.4 | 6.4 | 3,992.5 | 4,045.7 |
| Alaska | 605.2 | 605.2 | 520.2 | 476.2 | 13.8 | 13.8 | 110.5 | 110.5 | 0.0 | 0.0 | 670.8 | 668.7 | 0.0 | 0.0 | 1,920.5 | 1,874.4 |
| Hawaii | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 180.0 | 180.0 | 0.0 | 0.0 | 1,885.6 | 1,984.9 | 6.4 | 6.4 | 2,072.0 | 2,171.3 |
| U.S. Total | 229,551.0 | 221,882.0 | 124,650.5 | 124,555.7 | 77,924.6 | 78,952.0 | 299,984.7 | 303,306.3 | 2,319.7 | 2,336.7 | 40,477.7 | 41,186.3 | 2,067.8 | 2,107.8 | 776,976.0 | 774,326.8 |

Values for 2013 are final. Values for 2014 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.

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

| 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 | 58440 | CD US Solar MT 2 LLC | IPP | Rutan | CA | 58449 | 1 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 1 | 58440 | CD US Solar MT 2 LLC | IPP | Rutan | CA | 58449 | 2 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 1 | 58440 | CD US Solar MT 2 LLC | IPP | Rutan | CA | 58449 | 3 | 1.0 | Solar Photovoltaic | SUN | PV |
| 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 | 5109 | DTE Electric Company | Electric Utility | Echo Wind Park | MI | 58121 | GEN1 | 60.8 | Onshore Wind Turbine | WND | WT |
| 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 | 57313 | SolarCity Corporation | IPP | Oregon University System OIT Klamath Falls | OR | 58961 | PV | 2.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 1 | 58258 | SunRay Power LLC | IPP | G&S Wantage Solar LLC | NJ | 59366 | PV1 | 8.5 | 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 | 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 | 21964 | University of New Mexico | Commercial | Ford Utilities Center | NM | 50906 | 5 | 6.2 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2014 | 1 | 57081 | Washington Gas Energy Systems, Inc. | IPP | Maynard PV | MA | 58412 | SO026 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 1 | 57081 | Washington Gas Energy Systems, Inc. | IPP | Southbridge PV | MA | 58423 | SO022 | 3.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 1 | 20323 | Wellhead Services Inc | IPP | Escondido Power Plant | CA | 55538 | CTG1 | 45.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2014 | 2 | 58433 | Ameresco Forward, LLC | IPP | Ameresco Forward | CA | 58437 | ENG1 | 2.1 | Landfill Gas | LFG | IC |
| 2014 | 2 | 58433 | Ameresco Forward, LLC | IPP | Ameresco Forward | CA | 58437 | ENG2 | 2.1 | Landfill Gas | LFG | IC |
| 2014 | 2 | 58431 | Ameresco Vasco Road, LLC | IPP | Ameresco Vasco Road | CA | 58435 | ENG1 | 2.1 | Landfill Gas | LFG | IC |
| 2014 | 2 | 58431 | Ameresco Vasco Road, LLC | IPP | Ameresco Vasco Road | CA | 58435 | ENG2 | 2.1 | Landfill Gas | LFG | IC |
| 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 | 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 | 56615 | First Solar Energy LLC | IPP | Agua Caliente Solar Project | AZ | 57373 | AGU3 | 110.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 2 | 58178 | GSA Metropolitan Service Center | Commercial | Central Utility Plant at White Oak | MD | 58207 | G10 | 2.3 | Petroleum Liquids | DFO | IC |
| 2014 | 2 | 58178 | GSA Metropolitan Service Center | Commercial | Central Utility Plant at White Oak | MD | 58207 | G11 | 2.3 | Petroleum Liquids | DFO | IC |
| 2014 | 2 | 58178 | GSA Metropolitan Service Center | Commercial | Central Utility Plant at White Oak | MD | 58207 | G12 | 5.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2014 | 2 | 58178 | GSA Metropolitan Service Center | Commercial | Central Utility Plant at White Oak | MD | 58207 | G7 | 7.5 | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 2 | 58178 | GSA Metropolitan Service Center | Commercial | Central Utility Plant at White Oak | MD | 58207 | G8 | 7.5 | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 2 | 58178 | GSA Metropolitan Service Center | Commercial | Central Utility Plant at White Oak | MD | 58207 | G9 | 4.5 | Natural Gas Fired Combustion Turbine | NG | GT |
| 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 | 58791 | Pristine Sun LLC | IPP | 2081 Terzian Solar Project | CA | 58918 | 2081 | 1.2 | Solar Photovoltaic | SUN | PV |
| 2014 | 2 | 57313 | SolarCity Corporation | IPP | Las Virgenes Municipal Water District | CA | 58963 | PV | 1.0 | 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 | 58714 | Washington Airport Solar, LLC | IPP | Washington Airport Solar LLC | NC | 58845 | 1 | 5.0 | 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 | 221 | Alaska Village Elec Coop, Inc | Electric Utility | Stebbins | AK | 57055 | 1 | 0.5 | Petroleum Liquids | JF | IC |
| 2014 | 3 | 221 | Alaska Village Elec Coop, Inc | Electric Utility | Stebbins | AK | 57055 | 2 | 0.5 | Petroleum Liquids | JF | IC |
| 2014 | 3 | 221 | Alaska Village Elec Coop, Inc | Electric Utility | Stebbins | AK | 57055 | 3 | 0.5 | Petroleum Liquids | JF | IC |
| 2014 | 3 | 221 | Alaska Village Elec Coop, Inc | Electric Utility | Stebbins | AK | 57055 | 4 | 0.5 | Petroleum Liquids | JF | IC |
| 2014 | 3 | 58462 | Battery Utility of Ohio LLC | IPP | Battery Utility of Ohio | OH | 58475 | BOU | 4.0 | Batteries | MWH | BA |
| 2014 | 3 | 58839 | Central Valley Ag Power LLC | IPP | Central Valley Ag Power | CA | 58978 | CVAP | 1.5 | Other Waste Biomass | OBG | IC |
| 2014 | 3 | 58922 | Daniel Farm LLC | IPP | Daniel Farm LLC | NC | 59126 | 1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 3 | 58993 | East Wayne Solar LLC | IPP | East Wayne Solar LLC | NC | 59189 | 1 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 3 | 56723 | Genesis Solar LLC | IPP | Genesis Solar Energy Project | CA | 57394 | GEN01 | 125.0 | Solar Thermal without Energy Storage | SUN | ST |
| 2014 | 3 | 58596 | Hanwha Q CELLS USA | IPP | Maywood Photovoltaic Project | IN | 58770 | 1 | 8.0 | Solar Photovoltaic | SUN | PV |
| 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 | 56167 | Imperial Valley Solar, LLC | IPP | Imperial Valley Solar, LLC | CA | 56917 | 1B | 34.3 | 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 | 58822 | MC Power Companies Inc | IPP | Butler Solar Power Project | MO | 58959 | BSF1 | 2.8 | Solar Photovoltaic | SUN | PV |
| 2014 | 3 | 58924 | Martin Creek Farm LLC | IPP | Martin Creek Farm LLC | NC | 59124 | 1 | 3.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 3 | 12286 | Melrose Public Utilities | Electric Utility | Melrose 2 | MN | 58929 | 12286 | 1.0 | Petroleum Liquids | DFO | IC |
| 2014 | 3 | 12411 | Miami Dade Water & Sewer Dept | Commercial | South District Wastewater Treatment Plt | FL | 54624 | 1A | 2.0 | Other Waste Biomass | OBG | IC |
| 2014 | 3 | 12411 | Miami Dade Water & Sewer Dept | Commercial | South District Wastewater Treatment Plt | FL | 54624 | 2A | 2.0 | Other Waste Biomass | OBG | IC |
| 2014 | 3 | 58377 | MidAmerican Solar LLC | IPP | Solar Star 1 | CA | 58388 | AVS1 | 38.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 3 | 58377 | MidAmerican Solar LLC | IPP | Solar Star 2 | CA | 58389 | AVS2 | 19.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 3 | 58489 | OCI Solar Power | IPP | OCI Alamo 2, LLC | TX | 58716 | 1 | 4.4 | 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 | 40580 | Southern Minnesota Mun P Agny | Electric Utility | Fairmont (MN) | MN | 1973 | 10 | 6.5 | Other Natural Gas | NG | IC |
| 2014 | 3 | 40580 | Southern Minnesota Mun P Agny | Electric Utility | Fairmont (MN) | MN | 1973 | 11 | 6.5 | Other Natural Gas | NG | IC |
| 2014 | 3 | 40580 | Southern Minnesota Mun P Agny | Electric Utility | Fairmont (MN) | MN | 1973 | 12 | 6.5 | Other Natural Gas | NG | IC |
| 2014 | 3 | 40580 | Southern Minnesota Mun P Agny | Electric Utility | Fairmont (MN) | MN | 1973 | 9 | 6.5 | Other Natural Gas | NG | IC |
| 2014 | 3 | 19728 | UNS Electric, Inc | IPP | Rio Rico Solar | AZ | 59044 | RRSF | 6.0 | 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 | 58432 | Ameresco San Joaquin, LLC | IPP | Ameresco San Joaquin | CA | 58436 | ENG1 | 2.1 | Landfill Gas | LFG | IC |
| 2014 | 4 | 58432 | Ameresco San Joaquin, LLC | IPP | Ameresco San Joaquin | CA | 58436 | ENG2 | 2.1 | Landfill Gas | LFG | IC |
| 2014 | 4 | 58427 | Centinela Solar Energy LLC | IPP | Centinela Solar Energy | CA | 58430 | CSE5 | 18.6 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 58789 | DOD USMC Marine Air Ground Combat | IPP | MCAGCC Cogen Plant 2 | CA | 58916 | CG100 | 4.6 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2014 | 4 | 58789 | DOD USMC Marine Air Ground Combat | IPP | MCAGCC Cogen Plant 2 | CA | 58916 | CG200 | 2.5 | Natural Gas Fired Combustion Turbine | NG | GT |
| 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 | DSL14 | 26.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 59155 | First Wind O&M, LLC | IPP | Millbury Solar | MA | 58280 | 1 | 3.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 6452 | Florida Power & Light Co | Electric Utility | Riviera | FL | 619 | 5A | 1,212.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 4 | 6452 | Florida Power & Light Co | Electric Utility | Riviera | FL | 619 | 5B | | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 4 | 6452 | Florida Power & Light Co | Electric Utility | Riviera | FL | 619 | 5C | | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 4 | 6452 | Florida Power & Light Co | Electric Utility | Riviera | FL | 619 | 5ST | | Natural Gas Fired Combined Cycle | NG | CA |

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

| 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 | 4 | 19558 | Homer Electric Assn Inc | Electric Utility | Soldotna | AK | 57206 | 1 | 44.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2014 | 4 | 58923 | Kinston Solar LLC | IPP | Kinston | NC | 59125 | 1 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 58598 | Mass Solar, LLC | IPP | Dartmouth | MA | 58682 | PV1 | 6.3 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 58377 | MidAmerican Solar LLC | IPP | Solar Star 1 | CA | 58388 | SS16 | 62.9 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 58377 | MidAmerican Solar LLC | IPP | Solar Star 2 | CA | 58389 | SS25 | 52.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 58925 | Moncure Farm LLC | IPP | Moncure Farm LLC | NC | 59123 | 1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 58325 | New Bern Farm LLC | IPP | New Bern Farm | NC | 58339 | 1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 58654 | Orion Solar I LLC | IPP | Orion Solar I | CA | 58718 | PV1 | 12.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 58791 | Pristine Sun LLC | IPP | 2097 Helton Solar Project | CA | 58920 | 2097 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 58791 | Pristine Sun LLC | IPP | 2127 Harris Solar Project | CA | 58919 | 2127 | 1.3 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 58808 | Rockville Solar I LLC | IPP | Rockville Solar I LLC | IN | 58942 | RVSI | 2.8 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 58326 | Roxboro Farm LLC | IPP | Roxboro Farm | NC | 58340 | 1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 58418 | State Fair Community College | IPP | Missouri Center for Waste to Energy | MO | 58421 | 320 | 1.0 | Landfill Gas | LFG | IC |
| 2014 | 4 | 58258 | SunRay Power LLC | IPP | Browne Solar LLC | MA | 59361 | PV1 | 1.4 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 58258 | SunRay Power LLC | IPP | Indian Hill Solar LLC | MA | 59362 | PV1 | 1.4 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 58258 | SunRay Power LLC | IPP | State Street Solar LLC | MA | 59363 | PV1 | 1.4 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 58258 | SunRay Power LLC | IPP | Westborough Solar LLC | MA | 59368 | PV1 | 2.2 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 58771 | Tri-County Water Conservancy District | IPP | Tri-County Water Hydropower Project | CO | 58901 | TCWG1 | 7.2 | Conventional Hydroelectric | WAT | HY |
| 2014 | 4 | 58771 | Tri-County Water Conservancy District | IPP | Tri-County Water Hydropower Project | CO | 58901 | TCWG2 | 0.0 | Conventional Hydroelectric | WAT | HY |
| 2014 | 4 | 58521 | University of Wisconsin Oshkosh Foundation | IPP | Oshkosh Foundation Rosedale Biodigester LLC | WI | 58555 | 95100 | 1.4 | Other Waste Biomass | OBG | IC |
| 2014 | 4 | 58802 | Walpole Solar 2, LLC | IPP | Walpole Solar 2 | MA | 58936 | WLPL1 | 2.4 | Solar Photovoltaic | SUN | PV |
| 2014 | 4 | 20511 | Weyerhaeuser Co NR, New Bern CF | Industrial | Weyerhaeuser New Bern NC | NC | 50188 | TG2 | 29.0 | Wood/Wood Waste Biomass | BLQ | ST |
| 2014 | 5 | 56979 | Adobe Solar LLC | IPP | FRV Cygnus Solar Project | CA | 57651 | FRV3 | 20.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 5 | 222 | Akron City of | Commercial | Akron WRF | OH | 58980 | 2G-1 | 0.6 | Other Waste Biomass | OBG | IC |
| 2014 | 5 | 222 | Akron City of | Commercial | Akron WRF | OH | 58980 | 2G-2 | 0.6 | Other Waste Biomass | OBG | IC |
| 2014 | 5 | 222 | Akron City of | Commercial | Akron WRF | OH | 58980 | 2G-3 | 0.6 | Other Waste Biomass | OBG | IC |
| 2014 | 5 | 221 | Alaska Village Elec Coop, Inc | Electric Utility | Togiak | AK | 6348 | 5A | 0.8 | Petroleum Liquids | DFO | IC |
| 2014 | 5 | 58427 | Centinela Solar Energy LLC | IPP | Centinela Solar Energy | CA | 58430 | CSE6 | 25.6 | Solar Photovoltaic | SUN | PV |
| 2014 | 5 | 57365 | Consolidated Edison Solutions Inc | IPP | Tihonet Solar | MA | 58749 | TSMA | 1.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 5 | 58790 | Copper Mountain Solar 3, LLC | IPP | Copper Mountain Solar 3 | NV | 58915 | 1 | 26.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 5 | 58827 | Fairfield Wind Master Tenant LLC | IPP | Fairfield Wind | MT | 58966 | T 1-6 | 10.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 5 | 6169 | Fall River Rural Elec Coop Inc | Electric Utility | Chester Diversion Hydroelectric Project | ID | 56893 | 2 | 1.2 | Conventional Hydroelectric | WAT | HY |
| 2014 | 5 | 6169 | Fall River Rural Elec Coop Inc | Electric Utility | Chester Diversion Hydroelectric Project | ID | 56893 | 3 | 1.2 | Conventional Hydroelectric | WAT | HY |
| 2014 | 5 | 56615 | First Solar Energy LLC | IPP | Macho Springs | NM | 59010 | MSS1 | 50.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 5 | 59155 | First Wind O&M, LLC | IPP | Mass Midstate Solar 1 | MA | 58279 | 1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 5 | 59155 | First Wind O&M, LLC | IPP | Mass Midstate Solar 2 | MA | 58276 | 1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 5 | 59155 | First Wind O&M, LLC | IPP | Mass Midstate Solar 3 | MA | 58275 | 1 | 4.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 5 | 58270 | GE Wind Energy LLC | IPP | GE 1 6 100 Prototype | CA | 57566 | 1.7SF | 1.8 | Onshore Wind Turbine | WND | WT |
| 2014 | 5 | 58803 | Gardner Solar 1, LLC | IPP | Gardner Solar 1 | MA | 58937 | GRDN1 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 5 | 58873 | Green Energy Team LLC | IPP | Biomass to Energy Facility, Kauai | HI | 59035 | XKA1 | 0.5 | Petroleum Liquids | DFO | IC |
| 2014 | 5 | 58873 | Green Energy Team LLC | IPP | Biomass to Energy Facility, Kauai | HI | 59035 | XKA2 | 0.5 | Petroleum Liquids | DFO | IC |
| 2014 | 5 | 58465 | Green States Energy, Inc. | IPP | Green Meadows | MA | 58097 | 1 | 3.5 | 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 | 58801 | Integrys MA Solar, LLC | IPP | Beverly | MA | 59242 | BVRLY | 2.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 5 | 49893 | Invenergy Services LLC | IPP | Prairie Breeze | NE | 58322 | 1 | 206.5 | Onshore Wind Turbine | WND | WT |
| 2014 | 5 | 58681 | MSM Solar LLC | IPP | Storrie Lake Solar Project | NM | 58794 | MSMPV | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 5 | 34691 | Ormat Nevada Inc | IPP | Heber Solar | CA | 58398 | 1 | 10.0 | 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 | Expressway Solar A | CA | 58761 | EXSA | 2.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 5 | 58579 | Silverado Power | IPP | Expressway Solar B | CA | 58762 | EXSB | 2.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 5 | 58579 | Silverado Power | IPP | Rodeo Solar C2 | CA | 58751 | RSC2 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 5 | 58579 | Silverado Power | IPP | Rodeo Solar D2 | CA | 58752 | RSD2 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 5 | 58927 | Snow Hill Solar 2 LLC | IPP | Snow Hill Solar 2 LLC | NC | 59106 | 1 | 2.0 | 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 | 58879 | 651 Chase Solar NG LLC | IPP | 651 Chase Solar NG | MA | 59046 | PV1 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58694 | Argand Energy Solutions, LLC | IPP | Arba Solar, LLC | NC | 58801 | INV1 | 0.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58694 | Argand Energy Solutions, LLC | IPP | Arba Solar, LLC | NC | 58801 | INV2 | 0.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58694 | Argand Energy Solutions, LLC | IPP | Arba Solar, LLC | NC | 58801 | INV3 | 0.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58694 | Argand Energy Solutions, LLC | IPP | Arba Solar, LLC | NC | 58801 | INV4 | 0.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58567 | Blue Renewable Energy IMS, LLC | IPP | Indianapolis Motor Speedway Solar PV | IN | 58615 | IMS | 9.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58894 | CF CVEC Owner One LLC | IPP | Katama Farm | MA | 59079 | KAT1 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58894 | CF CVEC Owner One LLC | IPP | Nunnepog | MA | 59080 | NUN1 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58724 | Castalia Solar LLC | IPP | Castalia Solar | NC | 58849 | 1 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 3370 | Channel Energy Center LLC | Electric CHP | Channel Energy Center LLC | TX | 55299 | CTG3 | 183.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 6 | 58906 | Chauncey Farm | IPP | Chauncey Farm LLC | NC | 59100 | 1 | 4.9 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58790 | Copper Mountain Solar 3, LLC | IPP | Copper Mountain Solar 3 | NV | 58915 | 2 | 27.0 | Solar Photovoltaic | SUN | PV |
| 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 | 59141 | Devens | IPP | Devens | MA | 59358 | MA2 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 59140 | Dorena Hydro, LLC | IPP | Dorena Hydro-Electric Facility | OR | 59357 | FRNCS | 1.4 | Conventional Hydroelectric | WAT | HY |
| 2014 | 6 | 59140 | Dorena Hydro, LLC | IPP | Dorena Hydro-Electric Facility | OR | 59357 | KAPLN | 0.0 | Conventional Hydroelectric | WAT | HY |
| 2014 | 6 | 5906 | EDF Renewable Services Inc | IPP | Lepomis PV Energy LLC | MA | 59085 | INV-1 | 4.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58944 | Enerparc CA 1, LLC | IPP | Enerparc CA1 LLC | CA | 59122 | ECA11 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58837 | Fairview Farms Solar LLC | IPP | Fairview Farms Solar | MA | 58974 | PV1 | 0.8 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 6169 | Fall River Rural Elec Coop Inc | Electric Utility | Chester Diversion Hydroelectric Project | ID | 56893 | 1 | 1.2 | Conventional Hydroelectric | WAT | HY |
| 2014 | 6 | 56615 | First Solar Energy LLC | IPP | Desert Sunlight 250, LLC | CA | 58542 | DSL15 | 13.9 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 56615 | First Solar Energy LLC | IPP | Desert Sunlight 250, LLC | CA | 58542 | DSL18 | 29.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 56615 | First Solar Energy LLC | IPP | Desert Sunlight 300, LLC | CA | 57993 | DSL5 | 25.2 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58812 | GLT Cloverdale Solar LLC | IPP | Cloverdale Solar I | CA | 58949 | TBD | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 10035 | Kansas Municipal Energy Agency | Electric Utility | Jameson Energy Center | KS | 59045 | JEC1 | 9.0 | Other Natural Gas | NG | IC |
| 2014 | 6 | 10035 | Kansas Municipal Energy Agency | Electric Utility | Jameson Energy Center | KS | 59045 | JEC2 | 9.0 | Other Natural Gas | NG | IC |
| 2014 | 6 | 10035 | Kansas Municipal Energy Agency | Electric Utility | Jameson Energy Center | KS | 59045 | JEC3 | 9.0 | Other Natural Gas | NG | IC |
| 2014 | 6 | 58598 | Mass Solar, LLC | IPP | North Brookfield | MA | 58650 | PV1 | 3.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58322 | Mile Farm LLC | IPP | Mile Farm | NC | 58336 | 1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 56990 | NJR Clean Energy Ventures Corporation | IPP | Two Dot Wind Farm | MT | 59003 | 1 | 9.7 | Onshore Wind Turbine | WND | WT |
| 2014 | 6 | 58518 | NRG Solar Community 1 LLC | IPP | Community Solar 1 | CA | 58545 | 1 | 5.7 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58655 | Orion Solar II, LLC | IPP | Orion Solar II | CA | 58721 | ORION | 8.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 14624 | PUD No 2 of Grant County | Electric Utility | Wanapum | WA | 3888 | 10A | 122.0 | Conventional Hydroelectric | WAT | HY |
| 2014 | 6 | 58388 | Pantex (NNSA) | Commercial | Pantex | TX | 58404 | 1 | 11.5 | Onshore Wind Turbine | WND | WT |
| 2014 | 6 | 58738 | Sigmon Catawba Farm LLC | IPP | Sigmon Catawba Farm | NC | 58861 | 1 | 5.0 | 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 | 57313 | SolarCity Corporation | IPP | Division 1 | CA | 59094 | GEN 1 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 57313 | SolarCity Corporation | IPP | Division 2 | CA | 59095 | GEN 1 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 57313 | SolarCity Corporation | IPP | Division 3 | CA | 59096 | GEN1 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 57313 | SolarCity Corporation | IPP | Kettering Solar 1 | CA | 59098 | PV1 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 57313 | SolarCity Corporation | IPP | Kettering Solar 2 | CA | 59099 | PV1 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58996 | Soluga Farms 1 LLC | IPP | Soluga Farms 1 | NC | 59191 | 1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58916 | Springfield Solar 1 LLC | IPP | Springfield Solar 1 LLC | MO | 59110 | 1 | 4.9 | Solar Photovoltaic | SUN | PV |
| 2014 | 6 | 58418 | State Fair Community College | IPP | Missouri Center for Waste to Energy | MO | 58421 | 420 | 1.4 | Landfill Gas | LFG | IC |
| 2014 | 6 | 58258 | SunRay Power LLC | IPP | 24 Applegate Solar LLC | NJ | 59365 | PV1 | 4.9 | Solar Photovoltaic | SUN | PV |
| 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 |

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

| 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 | 58893 | Xeres Ventures LLC | IPP | SC 1 Data Center, Phase 2 | CA | 59074 | EG10B | 2.3 | Petroleum Liquids | DFO | IC |
| 2014 | 6 | 58893 | Xeres Ventures LLC | IPP | SC 1 Data Center, Phase 2 | CA | 59074 | EG11A | 2.3 | Petroleum Liquids | DFO | IC |
| 2014 | 6 | 58893 | Xeres Ventures LLC | IPP | SC 1 Data Center, Phase 2 | CA | 59074 | EG11B | 2.3 | Petroleum Liquids | DFO | IC |
| 2014 | 6 | 58893 | Xeres Ventures LLC | IPP | SC 1 Data Center, Phase 2 | CA | 59074 | EG12A | 2.3 | Petroleum Liquids | DFO | IC |
| 2014 | 6 | 58893 | Xeres Ventures LLC | IPP | SC 1 Data Center, Phase 2 | CA | 59074 | EG12B | 2.3 | Petroleum Liquids | DFO | IC |
| 2014 | 6 | 58893 | Xeres Ventures LLC | IPP | SC 1 Data Center, Phase 2 | CA | 59074 | EG13A | 2.3 | Petroleum Liquids | DFO | IC |
| 2014 | 6 | 58893 | Xeres Ventures LLC | IPP | SC 1 Data Center, Phase 2 | CA | 59074 | EG14A | 2.3 | Petroleum Liquids | DFO | IC |
| 2014 | 6 | 58893 | Xeres Ventures LLC | IPP | SC 1 Data Center, Phase 2 | CA | 59074 | EG9B | 2.3 | Petroleum Liquids | DFO | IC |
| 2014 | 7 | 58748 | Clean Energy LLC | Electric CHP | Reventure Park | NC | 58865 | LFG | 1.9 | Landfill Gas | LFG | IC |
| 2014 | 7 | 58790 | Copper Mountain Solar 3, LLC | IPP | Copper Mountain Solar 3 | NV | 58915 | 3 | 26.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 7 | 5906 | EDF Renewable Services Inc | IPP | EDF Lancaster | MA | 59140 | INV-1 | 4.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 7 | 5906 | EDF Renewable Services Inc | IPP | Spinning Spur Wind II | TX | 58774 | GEN1 | 161.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 7 | 59129 | Foundation CA Fund VII Manager, LLC | Commercial | Golden Acorn Casino | CA | 59328 | GAC1 | 1.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 7 | 361 | Industrial Energy Applications Inc | IPP | Alliant SBD 9201 Norplex | IA | 54712 | 0002 | 1.0 | Petroleum Liquids | DFO | IC |
| 2014 | 7 | 58377 | MidAmerican Solar LLC | IPP | Solar Star 2 | CA | 58389 | SS21 | 59.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 7 | 56990 | NJR Clean Energy Ventures Corporation | IPP | West Pemberton | NJ | 59186 | PV1 | 7.0 | Solar Photovoltaic | SUN | PV |
| 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 | 7 | 58593 | Sequoia PV 1 LLC | IPP | Farmersville | CA | 59203 | PV1 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 7 | 58593 | Sequoia PV 1 LLC | IPP | Farmersville | CA | 59203 | PV2 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 7 | 58593 | Sequoia PV 1 LLC | IPP | Farmersville | CA | 59203 | PV3 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 7 | 59004 | Sequoia PV 3 LLC | IPP | Porterville 6 and 7 | CA | 59219 | PV1 | 3.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 7 | 59004 | Sequoia PV 3 LLC | IPP | Porterville 6 and 7 | CA | 59219 | PV2 | 3.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 7 | 58579 | Silverado Power | IPP | Summer Solar D2 | CA | 58756 | SSD2 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 7 | 58915 | Spicewood Solar Farm LLC | IPP | Spicewood Solar Farm LLC | NC | 59109 | 1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 7 | 56533 | Troy Energy LLC | IPP | Troy Energy LLC | OH | 55348 | IC1 | 3.0 | Petroleum Liquids | DFO | IC |
| 2014 | 7 | 56533 | Troy Energy LLC | IPP | Troy Energy LLC | OH | 55348 | IC2 | 3.0 | Petroleum Liquids | DFO | IC |
| 2014 | 7 | 56533 | Troy Energy LLC | IPP | Troy Energy LLC | OH | 55348 | IC3 | 4.0 | Petroleum Liquids | DFO | IC |
| 2014 | 7 | 56533 | Troy Energy LLC | IPP | Troy Energy LLC | OH | 55348 | IC4 | 4.0 | Petroleum Liquids | DFO | IC |
| 2014 | 7 | 58502 | Uwharrie Mountain Renewable Energy, LLC | IPP | Uwharrie Mountain Renewable | NC | 58526 | 1 | 1.6 | Landfill Gas | LFG | IC |
| 2014 | 7 | 58502 | Uwharrie Mountain Renewable Energy, LLC | IPP | Uwharrie Mountain Renewable | NC | 58526 | 2 | 1.6 | Landfill Gas | LFG | IC |
| 2014 | 7 | 58502 | Uwharrie Mountain Renewable Energy, LLC | IPP | Uwharrie Mountain Renewable | NC | 58526 | 3 | 1.6 | Landfill Gas | LFG | IC |
| 2014 | 7 | 58502 | Uwharrie Mountain Renewable Energy, LLC | IPP | Uwharrie Mountain Renewable | NC | 58526 | 4 | 1.6 | Landfill Gas | LFG | IC |
| 2014 | 7 | 58502 | Uwharrie Mountain Renewable Energy, LLC | IPP | Uwharrie Mountain Renewable | NC | 58526 | 5 | 1.6 | Landfill Gas | LFG | IC |
| 2014 | 7 | 58502 | Uwharrie Mountain Renewable Energy, LLC | IPP | Uwharrie Mountain Renewable | NC | 58526 | 6 | 1.6 | Landfill Gas | LFG | IC |
| 2014 | 7 | 58705 | Washington Gas Energy Systems | IPP | Cogenra - TEP | AZ | 58832 | CTEP | 1.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 8 | 59187 | Anaheim Public Utilities | Electric Utility | Anaheim Solar Energy Plant | CA | 59416 | PV1 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 8 | 55920 | Bio-Gas Technologies LTD | IPP | Renewable Energy Services of Ohio | OH | 57249 | GEN2 | 0.8 | Landfill Gas | LFG | IC |
| 2014 | 8 | 58894 | CF CVEC Owner One LLC | IPP | Harwich Landfill | MA | 59078 | HAR1 | 4.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 8 | 58540 | California PV Energy LLC | IPP | California PV Energy at ISD WWTP | CA | 59283 | W4236 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 8 | 4180 | Connecticut Mun Elec Engy Coop | Electric Utility | Backus Microgrid Project | CT | 59415 | BMP1 | 2.5 | Petroleum Liquids | DFO | IC |
| 2014 | 8 | 4180 | Connecticut Mun Elec Engy Coop | Electric Utility | Backus Microgrid Project | CT | 59415 | BMP2 | 2.5 | Petroleum Liquids | DFO | IC |
| 2014 | 8 | 4180 | Connecticut Mun Elec Engy Coop | Electric Utility | Backus Microgrid Project | CT | 59415 | BMP3 | 2.5 | Petroleum Liquids | DFO | IC |
| 2014 | 8 | 4180 | Connecticut Mun Elec Engy Coop | Electric Utility | Backus Microgrid Project | CT | 59415 | BMP4 | 2.5 | Petroleum Liquids | DFO | IC |
| 2014 | 8 | 58790 | Copper Mountain Solar 3, LLC | IPP | Copper Mountain Solar 3 | NV | 58915 | 4 | 28.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 8 | 56615 | First Solar Energy LLC | IPP | AV Solar Ranch One | CA | 57378 | AVSR | 230.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 8 | 56615 | First Solar Energy LLC | IPP | Desert Sunlight 300, LLC | CA | 57993 | DSL6 | 25.2 | Solar Photovoltaic | SUN | PV |
| 2014 | 8 | 56615 | First Solar Energy LLC | IPP | Desert Sunlight 300, LLC | CA | 57993 | DSL7 | 20.2 | 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 | 11269 | Lower Colorado River Authority | Electric Utility | Thomas C Ferguson | TX | 4937 | CT-1 | 162.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 8 | 11269 | Lower Colorado River Authority | Electric Utility | Thomas C Ferguson | TX | 4937 | CT-2 | 162.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 8 | 11269 | Lower Colorado River Authority | Electric Utility | Thomas C Ferguson | TX | 4937 | STG | 186.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2014 | 8 | 12686 | Mississippi Power Co | Electric Utility | Kemper County IGCC Project | MS | 57037 | 1A | 201.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 8 | 12686 | Mississippi Power Co | Electric Utility | Kemper County IGCC Project | MS | 57037 | 1B | 201.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 8 | 12686 | Mississippi Power Co | Electric Utility | Kemper County IGCC Project | MS | 57037 | 1C | 294.4 | Natural Gas Fired Combined Cycle | NG | CA |
| 2014 | 8 | 12199 | Montana-Dakota Utilities Co | Electric Utility | R M Heskett | ND | 2790 | 3 | 88.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2014 | 8 | 58730 | Nash 64 Farm LLC | IPP | Nash 64 Farm | NC | 58855 | 1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 8 | 58489 | OCI Solar Power | IPP | OCI Alamo 4, LLC | TX | 58717 | 1 | 39.6 | Solar Photovoltaic | SUN | PV |
| 2014 | 8 | 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 | 8 | 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 | 8 | 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 | 8 | 58817 | Rockville Solar II, LLC | IPP | Rockville Solar II, LLC | IN | 58953 | RVSII | 2.7 | Solar Photovoltaic | SUN | PV |
| 2014 | 8 | 59104 | Sequoia PV 2, LLC | IPP | Hanford 1 and 2 | CA | 59300 | HAN1 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 8 | 59104 | Sequoia PV 2, LLC | IPP | Hanford 1 and 2 | CA | 59300 | HAN2 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 8 | 59139 | SunEdison LLC | IPP | Hesperia | CA | 59182 | 10-94 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 8 | 58426 | Sunshine Gas Producers LLC | IPP | Sunshine Gas Producers | CA | 58429 | 1 | 4.0 | Landfill Gas | LFG | GT |
| 2014 | 8 | 58426 | Sunshine Gas Producers LLC | IPP | Sunshine Gas Producers | CA | 58429 | 2 | 4.0 | Landfill Gas | LFG | GT |
| 2014 | 8 | 58426 | Sunshine Gas Producers LLC | IPP | Sunshine Gas Producers | CA | 58429 | 3 | 4.0 | Landfill Gas | LFG | GT |
| 2014 | 8 | 58426 | Sunshine Gas Producers LLC | IPP | Sunshine Gas Producers | CA | 58429 | 4 | 4.0 | Landfill Gas | LFG | GT |
| 2014 | 8 | 58426 | Sunshine Gas Producers LLC | IPP | Sunshine Gas Producers | CA | 58429 | 5 | 4.0 | Landfill Gas | LFG | GT |
| 2014 | 8 | 58995 | Vickers Farm LLC | IPP | Vickers | NC | 59190 | 1 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 8 | 54842 | WM Renewable Energy LLC | IPP | Waste Management Columbia Ridge LFGTE | OR | 57015 | GEN10 | 1.6 | Landfill Gas | LFG | IC |
| 2014 | 8 | 54842 | WM Renewable Energy LLC | IPP | Waste Management Columbia Ridge LFGTE | OR | 57015 | GEN11 | 1.6 | Landfill Gas | LFG | IC |
| 2014 | 8 | 54842 | WM Renewable Energy LLC | IPP | Waste Management Columbia Ridge LFGTE | OR | 57015 | GEN12 | 1.6 | Landfill Gas | LFG | IC |
| 2014 | 8 | 54842 | WM Renewable Energy LLC | IPP | Waste Management Columbia Ridge LFGTE | OR | 57015 | GEN9 | 1.6 | Landfill Gas | LFG | IC |
| 2014 | 8 | 57081 | Washington Gas Energy Systems, Inc. | IPP | Sacramento (SMUD) | CA | 59323 | SMUPV | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 9 | 56702 | 510 REPP One LLC | IPP | 510 REPP One | NC | 57363 | 1 | 1.3 | Solar Photovoltaic | SUN | PV |
| 2014 | 9 | 59174 | CD US Solar MT3, LLC | IPP | Shaffer | MA | 59396 | SHF01 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 9 | 58894 | CF CVEC Owner One LLC | IPP | Barnstable Landfill | MA | 59081 | HAR1 | 4.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 9 | 58894 | CF CVEC Owner One LLC | IPP | Brewster Landfill | MA | 59075 | BRE1 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 9 | 58894 | CF CVEC Owner One LLC | IPP | Chatham Landfill | MA | 59077 | CHA | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 9 | 58894 | CF CVEC Owner One LLC | IPP | Dennis Landfill | MA | 59082 | DEN1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 9 | 56769 | Consolidated Edison Development Inc. | IPP | White River Solar 2 | CA | 58973 | W2CA | 19.8 | Solar Photovoltaic | SUN | PV |
| 2014 | 9 | 58790 | Copper Mountain Solar 3, LLC | IPP | Copper Mountain Solar 3 | NV | 58915 | 5 | 25.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 9 | 58740 | Erwin Farm LLC | IPP | Erwin Farm | NC | 58859 | 1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 9 | 56990 | NJR Clean Energy Ventures Corporation | IPP | Jacobstown | NJ | 59185 | PV1 | 5.0 | 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 | 58477 | O2energies, Inc. | IPP | Biscoe Solar LLC | NC | 58667 | BISCO | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 9 | 58477 | O2energies, Inc. | IPP | Selma Solar LLC | NC | 58669 | SELMA | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 9 | 58477 | O2energies, Inc. | IPP | Turkey Branch Solar LLC | NC | 58670 | TURKY | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 9 | 58726 | Oakboro Farm LLC | IPP | Oakboro Farm | NC | 58851 | 1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 9 | 58997 | Soluga Farms 2 LLC | IPP | Soluga Farms 2 LLC | NC | 59192 | 1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 9 | 18315 | Sunflower Electric Power Corp | Electric Utility | Rubart | KS | 58255 | 01 | 9.0 | Other Natural Gas | NG | IC |
| 2014 | 9 | 18315 | Sunflower Electric Power Corp | Electric Utility | Rubart | KS | 58255 | 02 | 9.0 | Other Natural Gas | NG | IC |
| 2014 | 9 | 18315 | Sunflower Electric Power Corp | Electric Utility | Rubart | KS | 58255 | 03 | 9.0 | Other Natural Gas | NG | IC |
| 2014 | 9 | 18315 | Sunflower Electric Power Corp | Electric Utility | Rubart | KS | 58255 | 04 | 9.0 | Other Natural Gas | NG | IC |
| 2014 | 9 | 18315 | Sunflower Electric Power Corp | Electric Utility | Rubart | KS | 58255 | 05 | 9.0 | Other Natural Gas | NG | IC |
| 2014 | 9 | 18315 | Sunflower Electric Power Corp | Electric Utility | Rubart | KS | 58255 | 06 | 9.0 | Other Natural Gas | NG | IC |
| 2014 | 9 | 18315 | Sunflower Electric Power Corp | Electric Utility | Rubart | KS | 58255 | 07 | 9.0 | Other Natural Gas | NG | IC |
| 2014 | 9 | 18315 | Sunflower Electric Power Corp | Electric Utility | Rubart | KS | 58255 | 08 | 9.0 | Other Natural Gas | NG | IC |
| 2014 | 9 | 18315 | Sunflower Electric Power Corp | Electric Utility | Rubart | KS | 58255 | 09 | 9.0 | Other Natural Gas | NG | IC |
| 2014 | 9 | 18315 | Sunflower Electric Power Corp | Electric Utility | Rubart | KS | 58255 | 10 | 9.0 | Other Natural Gas | NG | IC |
| 2014 | 9 | 18315 | Sunflower Electric Power Corp | Electric Utility | Rubart | KS | 58255 | 11 | 9.0 | Other Natural Gas | NG | IC |
| 2014 | 9 | 18315 | Sunflower Electric Power Corp | Electric Utility | Rubart | KS | 58255 | 12 | 9.0 | Other Natural Gas | NG | IC |

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

| 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 | 9 | 58825 | WE 90 Technology Drive LLC | IPP | Technology Drive Solar | VT | 58964 | PV1 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 10 | 58926 | Anderson Farm LLC | IPP | Anderson Farm LLC | NC | 59115 | 1 | 1.9 | Solar Photovoltaic | SUN | PV |
| 2014 | 10 | 803 | Arizona Public Service Co | Electric Utility | Gila Bend | AZ | 59020 | PV1 | 32.0 | 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 | Natural Gas Fired Combined Cycle | NG | 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 | 58841 | Broken Bow Wind II, LLC | IPP | Broken Bow Wind II, LLC | NE | 58981 | BBII | 73.1 | Onshore Wind Turbine | WND | WT |
| 2014 | 10 | 58790 | Copper Mountain Solar 3, LLC | IPP | Copper Mountain Solar 3 | NV | 58915 | 6 | 26.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 10 | 58790 | Copper Mountain Solar 3, LLC | IPP | Copper Mountain Solar 3 | NV | 58915 | 7 | 26.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 10 | 58908 | Dragstrip Farm LLC | IPP | Dragstrip Farm | NC | 59102 | 1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 10 | 58883 | ERWR Whitcomb Farm Solar LLC | IPP | Whitcomb Solar Farm | VT | 59049 | PS01 | 2.2 | Solar Photovoltaic | SUN | PV |
| 2014 | 10 | 39347 | East Texas Electric Coop, Inc | Electric Utility | Woodville Renewable Power Project | TX | 58944 | G1 | 46.5 | Wood/Wood Waste Biomass | WDS | ST |
| 2014 | 10 | 56615 | First Solar Energy LLC | IPP | Desert Sunlight 250, LLC | CA | 58542 | DSL19 | 25.2 | Solar Photovoltaic | SUN | PV |
| 2014 | 10 | 56615 | First Solar Energy LLC | IPP | Desert Sunlight 300, LLC | CA | 57993 | DSL8 | 18.9 | 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 | 56615 | First Solar Energy LLC | IPP | Topaz Solar Farm | CA | 57695 | TPZ5 | 112.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 10 | 9205 | Illinois Electricial Gen Partn | IPP | Brickyard Energy Partners LLC | IL | 55762 | BR5 | 0.9 | Landfill Gas | LFG | IC |
| 2014 | 10 | 49893 | Invenergy Services LLC | IPP | Spring Canyon Expansion Wind Energy Ctr | CO | 58769 | 1 | 34.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 10 | 11208 | Los Angeles Department of Water & Power | Commercial | VA Sepulveda Ambulatory Care Center | CA | 58249 | GEN1 | 3.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 10 | 58911 | Market Farm LLC | IPP | Market Farm | NC | 59105 | 1 | 4.9 | Solar Photovoltaic | SUN | PV |
| 2014 | 10 | 58377 | MidAmerican Solar LLC | IPP | Solar Star 1 | CA | 58388 | SS13 | 57.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 10 | 58377 | MidAmerican Solar LLC | IPP | Solar Star 1 | CA | 58388 | SS15 | 14.6 | Solar Photovoltaic | SUN | PV |
| 2014 | 10 | 59139 | SunEdison LLC | IPP | SCE-Snowline-Duncan Road (North) | CA | 59359 | 10400 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 10 | 59139 | SunEdison LLC | IPP | SCE-Snowline-Duncan Road (South) | CA | 59360 | 11113 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 10 | 58494 | WSACC | IPP | WSACC Power Generation Facility | NC | 58518 | 1 | 0.8 | Other Waste Biomass | SLW | ST |
| 2014 | 10 | 59044 | Windthorst-2 LLC | IPP | Windthorst-2 | TX | 59238 | WND2 | 67.6 | Onshore Wind Turbine | WND | WT |
| 2014 | 11 | 59205 | Baker Station Associates, LP | IPP | Baker Creek Hydroelectric | CA | 59428 | GENE1 | 0.0 | Conventional Hydroelectric | WAT | HY |
| 2014 | 11 | 59205 | Baker Station Associates, LP | IPP | Baker Creek Hydroelectric | CA | 59428 | GENE2 | 0.0 | Conventional Hydroelectric | WAT | HY |
| 2014 | 11 | 58712 | Bethel Price Solar, LLC | IPP | Bethel Price Solar, LLC | NC | 58843 | 1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 58976 | Clenera Renewable Energy LLC | IPP | Lancaster Solar 1 | CA | 59167 | LS1 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 58976 | Clenera Renewable Energy LLC | IPP | Lancaster Solar 2 | CA | 59169 | LS2 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 59163 | DESRI V LA County Solar, LLC | IPP | Capelin Solar | CA | 59400 | CAP1 | 0.9 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 59163 | DESRI V LA County Solar, LLC | IPP | Layline Solar | CA | 59401 | LAY1 | 0.8 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 59163 | DESRI V LA County Solar, LLC | IPP | Van Nuys Solar | CA | 59402 | VAN1 | 0.7 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 58816 | Dessie Solar Center LLC | IPP | Dessie Solar Center LLC | NC | 58952 | DESS | 4.8 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 58713 | Dogwood Solar, LLC | IPP | Dogwood Solar, LLC | NC | 58844 | 1 | 20.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 58468 | Dominion Renewable Energy | IPP | Selmer Farm LLC | TN | 59188 | PV1 | 15.8 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 49932 | Enel North America, Inc. | IPP | Courtenay Wind Farm | ND | 58658 | 1 | 200.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 11 | 49932 | Enel North America, Inc. | IPP | Origin Wind | OK | 58938 | WT | 150.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 11 | 56615 | First Solar Energy LLC | IPP | Solar Gen 2 | CA | 58592 | ALHM | 51.7 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 56615 | First Solar Energy LLC | IPP | Solar Gen 2 | CA | 58592 | ARK | 51.7 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 56615 | First Solar Energy LLC | IPP | Solar Gen 2 | CA | 58592 | SONR | 51.7 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 56615 | First Solar Energy LLC | IPP | Topaz Solar Farm | CA | 57695 | TPZ4 | 71.8 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 59129 | Foundation CA Fund VII Manager, LLC | Industrial | Anheuser-Busch #2 | CA | 59331 | ANB2 | 1.6 | Onshore Wind Turbine | WND | WT |
| 2014 | 11 | 59129 | Foundation CA Fund VII Manager, LLC | IPP | City of Soledad Water Reclamation Facility | CA | 59329 | SOL1 | 1.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 11 | 59129 | Foundation CA Fund VII Manager, LLC | IPP | Taylor Farms | CA | 59330 | TAY1 | 1.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 11 | 7570 | Great River Energy | Electric Utility | Spiritwood Station | ND | 56786 | 1 | 62.0 | Conventional Steam Coal | LIG | ST |
| 2014 | 11 | 49893 | Invenergy Services LLC | IPP | Marsh Hill Wind Farm | NY | 58768 | 1 | 16.2 | Onshore Wind Turbine | WND | WT |
| 2014 | 11 | 58975 | Jakana Solar | IPP | Jakana Solar | NC | 59170 | 5MWPV | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 59195 | Landfill Energy Systems | IPP | Zimmerman Energy | IN | 59425 | ZE-#1 | 1.9 | Landfill Gas | LFG | IC |
| 2014 | 11 | 59195 | Landfill Energy Systems | IPP | Zimmerman Energy | IN | 59425 | ZE-#2 | 1.9 | Landfill Gas | LFG | IC |
| 2014 | 11 | 59195 | Landfill Energy Systems | IPP | Zimmerman Energy | IN | 59425 | ZE-#3 | 1.9 | Landfill Gas | LFG | IC |
| 2014 | 11 | 57503 | Limon | IPP | Limon III Wind LLC | CO | 59083 | WT1 | 200.6 | Onshore Wind Turbine | WND | WT |
| 2014 | 11 | 58413 | Lone Valley Solar Park I LLC | IPP | Lone Valley Solar Park I LLC | CA | 58417 | CP1 | 10.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 59041 | Lone Valley Solar Park II LLC | IPP | Lone Valley Solar Park II LLC | CA | 59237 | CPII | 20.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 12411 | Miami Dade Water & Sewer Dept | Commercial | South District Wastewater Treatment Plt | FL | 54624 | 3A | 2.0 | Other Waste Biomass | OBG | IC |
| 2014 | 11 | 12411 | Miami Dade Water & Sewer Dept | Commercial | South District Wastewater Treatment Plt | FL | 54624 | 4A | 2.0 | Other Waste Biomass | OBG | IC |
| 2014 | 11 | 56990 | NJR Clean Energy Ventures Corporation | IPP | Rock Solid | NJ | 59319 | ROCK1 | 8.0 | Solar Photovoltaic | SUN | PV |
| 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, LLC | IPP | Regulus Solar Project | CA | 57650 | FRV4 | 60.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 58579 | Silverado Power | IPP | Expressway Solar C2 | CA | 58763 | EXSC2 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 58579 | Silverado Power | IPP | Lancaster Dry Farm Ranch B | CA | 58750 | LDFRB | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 58579 | Silverado Power | IPP | Western Antelope Blue Sky Ranch A | CA | 58626 | WABSA | 20.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 57331 | Soitec Solar Development LLC | IPP | Desert Green Solar Farm LLC | CA | 57959 | 1 | 6.3 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 59139 | SunEdison LLC | IPP | SCE-Snowline-White Rd (Central) | CA | 59423 | 10402 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 59139 | SunEdison LLC | IPP | SCE-Snowline-White Road (North) | CA | 59422 | 10401 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 59139 | SunEdison LLC | IPP | SCE-Snowline-White Road (South) | CA | 59421 | 11111 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 59122 | The Medical Center Company | IPP | MCCo Solar Generating Facility | OH | 59324 | MCCO1 | 0.6 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 58661 | sPower | IPP | Victor Mesa Linda B2 | CA | 59269 | VMLB2 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 58661 | sPower | IPP | Victor Mesa Linda C2 | CA | 59270 | VMLC2 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 58661 | sPower | IPP | Victor Mesa Linda D2 | CA | 59271 | VMLD2 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 11 | 58661 | sPower | IPP | Victor Mesa Linda E2 | CA | 59272 | VMLE2 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58694 | Argand Energy Solutions, LLC | IPP | Kenansville Solar Farm, LLC | NC | 58840 | INV1 | 0.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58694 | Argand Energy Solutions, LLC | IPP | Kenansville Solar Farm, LLC | NC | 58840 | INV2 | 0.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58694 | Argand Energy Solutions, LLC | IPP | Kenansville Solar Farm, LLC | NC | 58840 | INV3 | 0.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58694 | Argand Energy Solutions, LLC | IPP | Kenansville Solar Farm, LLC | NC | 58840 | INV4 | 0.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58694 | Argand Energy Solutions, LLC | IPP | Kenansville Solar Farm, LLC | NC | 58840 | INV5 | 0.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58694 | Argand Energy Solutions, LLC | IPP | Kenansville Solar Farm, LLC | NC | 58840 | INV6 | 0.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58694 | Argand Energy Solutions, LLC | IPP | Kenansville Solar Farm, LLC | NC | 58840 | INV7 | 0.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58694 | Argand Energy Solutions, LLC | IPP | Kenansville Solar Farm, LLC | NC | 58840 | INV8 | 0.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58694 | Argand Energy Solutions, LLC | IPP | Kenansville Solar Farm, LLC | NC | 58840 | INV9 | 0.5 | 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 |
| 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 | 57421 | BayWa r.e Wind LLC | IPP | Anderson Wind I | NM | 58939 | AND1 | 5.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 12 | 57421 | BayWa r.e Wind LLC | IPP | Anderson Wind II | NM | 58940 | AND2 | 10.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 12 | 58818 | BearPond Solar Center LLC | IPP | BearPond Solar Center LLC | NC | 58955 | BEAR | 4.8 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58785 | Beebe 1B Renewable Energy, LLC | IPP | Beebe 1B | MI | 58908 | 1 | 50.4 | Onshore Wind Turbine | WND | WT |
| 2014 | 12 | 59174 | CD US Solar MT3, LLC | IPP | LandPro-1 | CA | 59397 | SNL17 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 59174 | CD US Solar MT3, LLC | IPP | LandPro-2 | CA | 59398 | SNL18 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 59174 | CD US Solar MT3, LLC | IPP | LandPro-3 | CA | 59399 | SNL19 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 59185 | CD US Solar PO 3, LLC | IPP | Madelyn Solar, LLC | CA | 59409 | SNL17 | 1.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 59185 | CD US Solar PO 3, LLC | IPP | Mitchell Solar, LLC | CA | 59411 | SNL18 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 59185 | CD US Solar PO 3, LLC | IPP | Rudy Solar, LLC | CA | 59410 | SNL19 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58976 | Clenera Renewable Energy LLC | IPP | Avalon Solar | AZ | 59168 | AS | 29.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 4254 | Consumers Energy Co | Electric Utility | Cross Winds Energy Park | MI | 58830 | CWEP | 111.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 12 | 58790 | Copper Mountain Solar 3, LLC | IPP | Copper Mountain Solar 3 | NV | 58915 | 8 | 26.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 59163 | DESRI V LA County Solar, LLC | IPP | LAX Solar | CA | 59403 | LAX1 | 0.8 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58468 | Dominion Renewable Energy | IPP | Mulberry Farm LLC | TN | 59184 | PV1 | 15.8 | Solar Photovoltaic | SUN | PV |

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

| 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 | 58468 | Dominion Renewable Energy | IPP | RE Adams East LLC | CA | 58984 | 1 | 19.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58468 | Dominion Renewable Energy | IPP | RE Camelot LLC | CA | 58983 | 1 | 45.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58468 | Dominion Renewable Energy | IPP | RE Columbia Two, LLC | CA | 58990 | 1 | 15.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58468 | Dominion Renewable Energy | IPP | RE Kansas Solar LLC | CA | 58985 | 1 | 20.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58468 | Dominion Renewable Energy | IPP | RE Kent South, LLC | CA | 58991 | 1 | 20.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58468 | Dominion Renewable Energy | IPP | RE Old River One LLC | CA | 58986 | 1 | 20.0 | 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 | 5906 | EDF Renewable Services Inc | IPP | TX Hereford Wind | TX | 58773 | GEN1 | 200.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 12 | 58970 | Ecoplexus, Inc | IPP | Carter PV1 | NC | 59156 | CTR1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58970 | Ecoplexus, Inc | IPP | Langley PV1 | NC | 59158 | LNG1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58970 | Ecoplexus, Inc | IPP | Mesa PV1 | CO | 59199 | MESA1 | 1.6 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58970 | Ecoplexus, Inc | IPP | Pecan PV1 | NC | 59157 | PEC1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58970 | Ecoplexus, Inc | IPP | Sterling PV 3 | CO | 59198 | STER3 | 1.6 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58523 | Enerdyne Power Systems Inc | IPP | Black Oak Power Producers, LLC | MO | 59310 | GEN1 | 1.9 | Landfill Gas | LFG | IC |
| 2014 | 12 | 58523 | Enerdyne Power Systems Inc | IPP | Black Oak Power Producers, LLC | MO | 59310 | GEN2 | 1.9 | Landfill Gas | LFG | IC |
| 2014 | 12 | 11241 | Entergy Louisiana LLC | Electric Utility | Nine Mile Point | LA | 1403 | 6A | 158.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 12 | 11241 | Entergy Louisiana LLC | Electric Utility | Nine Mile Point | LA | 1403 | 6B | 157.7 | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 12 | 11241 | Entergy Louisiana LLC | Electric Utility | Nine Mile Point | LA | 1403 | 6C | 243.9 | Natural Gas Fired Combined Cycle | NG | CA |
| 2014 | 12 | 58784 | Fourmile Wind Energy, LLC | IPP | Fourmile Ridge | MD | 58904 | 1 | 40.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 12 | 58503 | Garnet Solar Power Station 1 LLC | IPP | Garnet Solar Power Station 1 LLC | CA | 58528 | WDT44 | 4.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58810 | Geenex LLC | IPP | Halifax | NC | 58943 | 1 | 20.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58819 | Graham Solar Center LLC | IPP | Graham Solar Center LLC | NC | 58957 | GRAH | 4.8 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 59209 | Half Moon Ventures, LLC | IPP | Duke Building 129 | IN | 59434 | DU129 | 3.4 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 59209 | Half Moon Ventures, LLC | IPP | Duke Building 87 | IN | 59432 | DUK87 | 2.7 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 59209 | Half Moon Ventures, LLC | IPP | Duke Building 98 | IN | 59433 | DUK98 | 2.7 | 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 | 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 | 57480 | Heritage Garden Wind Farm I LLC | IPP | Big Turtle Wind Farm, LLC | MI | 58891 | BTWF1 | 20.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 12 | 59091 | Hollister Solar LLC | IPP | Hollister Solar LLC | CA | 59268 | PV10 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 15399 | Iberdrola Renewables Inc | IPP | Baffin Wind | TX | 57927 | 1 | 188.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 12 | 59200 | Indy Airport Solar Project II, LLC | IPP | IND Solar Farm (Phase IIA) | IN | 59424 | IND2A | 7.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58980 | Lewiston Solar LLC | IPP | Lewiston Solar | NC | 59174 | 5MWPV | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 59089 | Merced Solar LLC | IPP | Merced Solar LLC | CA | 59265 | PV8 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 12341 | MidAmerican Energy Co | Electric Utility | Lundgren Wind Project | IA | 58884 | LGWF | 251.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 12 | 12341 | MidAmerican Energy Co | Electric Utility | Macksburg Wind Project | IA | 58885 | MBWF | 119.6 | Onshore Wind Turbine | WND | WT |
| 2014 | 12 | 12341 | MidAmerican Energy Co | Electric Utility | Wellsburg Wind Project | IA | 58886 | WBWF | 140.8 | Onshore Wind Turbine | WND | WT |
| 2014 | 12 | 58377 | MidAmerican Solar LLC | IPP | Solar Star 2 | CA | 58389 | SS22 | 55.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58377 | MidAmerican Solar LLC | IPP | Solar Star 2 | CA | 58389 | SS23 | 47.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 59090 | Mission Solar LLC | IPP | Mission Solar LLC | CA | 59267 | PV9 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 56660 | Mojave Solar LLC | IPP | Mojave Solar Project | CA | 57331 | MSP1 | 125.0 | Solar Thermal without Energy Storage | SUN | ST |
| 2014 | 12 | 56660 | Mojave Solar LLC | IPP | Mojave Solar Project | CA | 57331 | MSP2 | 125.0 | Solar Thermal without Energy Storage | SUN | ST |
| 2014 | 12 | 58912 | Mount Olive Farm LLC | IPP | Mount Olive Farm | NC | 59107 | 1 | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 59180 | Newman Solar LLC | IPP | Newman Solar | TX | 59407 | NEW1 | 10.3 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 56622 | NextEra Energy Resources | IPP | Mammoth Plains | OK | 59284 | GE1.7 | 199.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 12 | 59115 | NextEra Energy Seiling Wind | IPP | Seiling Wind I | OK | 59311 | SEIL1 | 199.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 12 | 59115 | NextEra Energy Seiling Wind | IPP | Seiling Wind II | OK | 59312 | SEIL2 | 98.6 | Onshore Wind Turbine | WND | WT |
| 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 | Rockwell Solar LLC | NC | 58668 | ROCKW | 3.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 59210 | Oak Tree Energy, LLC | IPP | Oak Tree Energy | SD | 59435 | OTE14 | 19.5 | Onshore Wind Turbine | WND | WT |
| 2014 | 12 | 15248 | Portland General Electric Co | Electric Utility | Port Westward Unit 2 | OR | 58266 | 1 | 18.5 | Other Natural Gas | NG | IC |
| 2014 | 12 | 15248 | Portland General Electric Co | Electric Utility | Port Westward Unit 2 | OR | 58266 | 10 | 18.5 | Other Natural Gas | NG | IC |
| 2014 | 12 | 15248 | Portland General Electric Co | Electric Utility | Port Westward Unit 2 | OR | 58266 | 11 | 18.5 | Other Natural Gas | NG | IC |
| 2014 | 12 | 15248 | Portland General Electric Co | Electric Utility | Port Westward Unit 2 | OR | 58266 | 12 | 18.5 | Other Natural Gas | NG | IC |
| 2014 | 12 | 15248 | Portland General Electric Co | Electric Utility | Port Westward Unit 2 | OR | 58266 | 2 | 18.5 | Other Natural Gas | NG | IC |
| 2014 | 12 | 15248 | Portland General Electric Co | Electric Utility | Port Westward Unit 2 | OR | 58266 | 3 | 18.5 | Other Natural Gas | NG | IC |
| 2014 | 12 | 15248 | Portland General Electric Co | Electric Utility | Port Westward Unit 2 | OR | 58266 | 4 | 18.5 | Other Natural Gas | NG | IC |
| 2014 | 12 | 15248 | Portland General Electric Co | Electric Utility | Port Westward Unit 2 | OR | 58266 | 5 | 18.5 | Other Natural Gas | NG | IC |
| 2014 | 12 | 15248 | Portland General Electric Co | Electric Utility | Port Westward Unit 2 | OR | 58266 | 6 | 18.5 | Other Natural Gas | NG | IC |
| 2014 | 12 | 15248 | Portland General Electric Co | Electric Utility | Port Westward Unit 2 | OR | 58266 | 7 | 18.5 | Other Natural Gas | NG | IC |
| 2014 | 12 | 15248 | Portland General Electric Co | Electric Utility | Port Westward Unit 2 | OR | 58266 | 8 | 18.5 | Other Natural Gas | NG | IC |
| 2014 | 12 | 15248 | Portland General Electric Co | Electric Utility | Tucannon River Wind Farm | WA | 58571 | 1 | 266.8 | Onshore Wind Turbine | WND | WT |
| 2014 | 12 | 59175 | Searchlight Solar LLC | IPP | Searchlight Solar | NV | 59404 | 1 | 17.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58579 | Silveradо Power | IPP | Summer North Solar | CA | 58757 | UE2 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58579 | Silveradо Power | IPP | Summer North Solar | CA | 58757 | UF2 | 2.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58579 | Silveradо Power | IPP | Summer North Solar | CA | 58757 | UG2 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58579 | Silveradо Power | IPP | Summer North Solar | CA | 58757 | UH2 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 57355 | Stephens Ranch Wind Energy LLC | IPP | Stephens Ranch Wind Energy LLC | TX | 57983 | 1 | 211.0 | Onshore Wind Turbine | WND | WT |
| 2014 | 12 | 24211 | Tucson Electric Power Co | Electric Utility | Fort Huachuca Solar PV Project | AZ | 58972 | FHUAC | 14.9 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58961 | United Therapeutics Corporation | IPP | XPF Solar Field | NC | 59146 | PV1 | 2.3 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 19876 | Virginia Electric & Power Co | Electric Utility | Warren County | VA | 55939 | CT01 | 297.5 | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 12 | 19876 | Virginia Electric & Power Co | Electric Utility | Warren County | VA | 55939 | CT02 | 297.5 | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 12 | 19876 | Virginia Electric & Power Co | Electric Utility | Warren County | VA | 55939 | CT03 | 297.5 | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 12 | 19876 | Virginia Electric & Power Co | Electric Utility | Warren County | VA | 55939 | ST01 | 579.7 | Natural Gas Fired Combined Cycle | NG | CA |
| 2014 | 12 | 56236 | West Deptford Energy LLC | IPP | West Deptford Energy Station | NJ | 56963 | E101 | 193.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 12 | 56236 | West Deptford Energy LLC | IPP | West Deptford Energy Station | NJ | 56963 | E102 | 193.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 12 | 56236 | West Deptford Energy LLC | IPP | West Deptford Energy Station | NJ | 56963 | STG1 | 283.3 | Natural Gas Fired Combined Cycle | NG | CA |
| 2014 | 12 | 58983 | Williamston Solar LLC | IPP | Williamston Solar | NC | 59176 | 5MWPV | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58979 | Windsor Solar LLC | IPP | Windsor Solar | NC | 59171 | 5MWPV | 5.0 | Solar Photovoltaic | SUN | PV |
| 2014 | 12 | 58661 | sPower | IPP | Lancaster Little Rock | CA | 59262 | LLRC | 5.0 | Solar Photovoltaic | SUN | PV |

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

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

| 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 | 56467 | Ampersand Gilman Hydro LP | Electric CHP | Gilman Mill | VT | 10608 | GEN5 | 3.7 | Wood/Wood Waste Biomass | WDS | ST |
| 2014 | 1 | 58549 | County of Alameda GSA | IPP | Santa Rita Jail | CA | 58625 | SRJPV | 0.7 | Solar Photovoltaic | SUN | PV |
| 2014 | 1 | 7651 | Greenwood Utilities Comm | Electric Utility | Wright | MS | 2063 | W1 | 8.3 | Other Natural Gas | NG | ST |
| 2014 | 1 | 7651 | Greenwood Utilities Comm | Electric Utility | Wright | MS | 2063 | W2 | 5.3 | Other Natural Gas | NG | ST |
| 2014 | 1 | 7651 | Greenwood Utilities Comm | Electric Utility | Wright | MS | 2063 | W3 | 5.3 | Other Natural Gas | NG | ST |
| 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 |
| 2014 | 1 | 9332 | Indian River Operations Inc | IPP | Indian River Generating Station | DE | 594 | 3 | 165.0 | Conventional Steam Coal | BIT | ST |
| 2014 | 1 | 54844 | Modern Power LLC | IPP | Modern Landfill Production Plant | PA | 55142 | GEN2 | 3.0 | Landfill Gas | LFG | IC |
| 2014 | 1 | 54844 | Modern Power LLC | IPP | Modern Landfill Production Plant | PA | 55142 | GEN3 | 3.0 | Landfill Gas | LFG | IC |
| 2014 | 1 | 54844 | Modern Power LLC | IPP | Modern Landfill Production Plant | PA | 55142 | GEN4 | 3.0 | Landfill Gas | LFG | IC |
| 2014 | 1 | 15452 | PSEG Power Connecticut LLC | IPP | Bridgeport Station | CT | 568 | 2 | | Petroleum Liquids | RFO | ST |
| 2014 | 2 | 9231 | City of Independence - (MO) | Electric Utility | Blue Valley | MO | 2132 | GT1 | 50.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2014 | 2 | 3542 | Duke Energy Ohio Inc | Electric Utility | Walter C Beckjord | OH | 2830 | 4 | 150.0 | Conventional Steam Coal | BIT | ST |
| 2014 | 2 | 55843 | Dynegy Morro Bay LLC | IPP | Dynegy Morro Bay LLC | CA | 259 | 1 | 163.0 | Other Natural Gas | NG | ST |
| 2014 | 2 | 55843 | Dynegy Morro Bay LLC | IPP | Dynegy Morro Bay LLC | CA | 259 | 2 | 163.0 | Other Natural Gas | NG | ST |
| 2014 | 2 | 55843 | Dynegy Morro Bay LLC | IPP | Dynegy Morro Bay LLC | CA | 259 | 3 | 337.0 | Other Natural Gas | NG | ST |
| 2014 | 2 | 55843 | Dynegy Morro Bay LLC | IPP | Dynegy Morro Bay LLC | CA | 259 | 4 | 336.0 | Other Natural Gas | NG | ST |
| 2014 | 2 | 9617 | JEA | Electric Utility | Girvin Landfill | FL | 7705 | 1 | 3.0 | Landfill Gas | LFG | IC |
| 2014 | 2 | 12411 | Miami Dade Water & Sewer Dept | Commercial | South District Wastewater Treatment Plt | FL | 54624 | 1 | 0.9 | Other Waste Biomass | OBG | IC |
| 2014 | 3 | 221 | Alaska Village Elec Coop, Inc | Electric Utility | Stebbins | AK | 57055 | UNIT1 | 0.5 | Petroleum Liquids | JF | IC |
| 2014 | 3 | 221 | Alaska Village Elec Coop, Inc | Electric Utility | Stebbins | AK | 57055 | UNIT2 | 0.4 | Petroleum Liquids | JF | IC |
| 2014 | 3 | 221 | Alaska Village Elec Coop, Inc | Electric Utility | Stebbins | AK | 57055 | UNIT3 | 0.3 | Petroleum Liquids | JF | IC |
| 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) | WY | 4151 | 1 | 10.1 | Conventional Steam Coal | SUB | ST |
| 2014 | 3 | 19545 | Black Hills Power Inc | Electric Utility | Osage (WY) | WY | 4151 | 2 | 10.1 | Conventional Steam Coal | SUB | ST |
| 2014 | 3 | 19545 | Black Hills Power Inc | Electric Utility | Osage (WY) | WY | 4151 | 3 | 10.1 | Conventional Steam Coal | SUB | ST |
| 2014 | 3 | 2176 | Brazos River Authority | Electric Utility | Morris Sheppard | TX | 3557 | 1 | 12.0 | Conventional Hydroelectric | WAT | HY |
| 2014 | 3 | 2176 | Brazos River Authority | Electric Utility | Morris Sheppard | TX | 3557 | 2 | 12.0 | Conventional Hydroelectric | WAT | HY |
| 2014 | 3 | 13949 | City of Oberlin - (OH) | Electric Utility | Oberlin (OH) | OH | 2933 | 5 | 2.0 | Other Natural Gas | NG | IC |
| 2014 | 3 | 4254 | Consumers Energy Co | Electric Utility | B E Morrow | MI | 1696 | A | 13.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2014 | 3 | 4254 | Consumers Energy Co | Electric Utility | B E Morrow | MI | 1696 | B | 11.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2014 | 3 | 9417 | Interstate Power and Light Co | Electric Utility | Lansing | IA | 1047 | IC1 | 1.2 | Petroleum Liquids | DFO | IC |
| 2014 | 3 | 9417 | Interstate Power and Light Co | Electric Utility | Lansing | IA | 1047 | IC2 | 1.1 | Petroleum Liquids | DFO | IC |
| 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 | 4 | 3989 | City of Colorado Springs - (CO) | Electric Utility | SECC | CO | 7730 | 1 | 1.1 | Petroleum Liquids | DFO | IC |
| 2014 | 4 | 5107 | City of Detroit - (MI) | Electric Utility | Mistersky | MI | 1822 | 6 | 50.0 | Other Natural Gas | NG | ST |
| 2014 | 4 | 5107 | City of Detroit - (MI) | Electric Utility | Mistersky | MI | 1822 | 7 | 60.0 | Other Natural Gas | NG | ST |
| 2014 | 4 | 5107 | City of Detroit - (MI) | Electric Utility | Mistersky | MI | 1822 | GT1 | 25.0 | Petroleum Liquids | DFO | GT |
| 2014 | 4 | 12411 | Miami Dade Water & Sewer Dept | Commercial | South District Wastewater Treatment Plt | FL | 54624 | 2 | 0.9 | Other Waste Biomass | OBG | IC |
| 2014 | 4 | 12411 | Miami Dade Water & Sewer Dept | Commercial | South District Wastewater Treatment Plt | FL | 54624 | 3 | 0.9 | Other Waste Biomass | OBG | IC |
| 2014 | 4 | 19433 | Union Carbide C&P-Charleston | Industrial | Union Carbide South Charleston | WV | 50151 | GEN8 | 5.6 | Other Natural Gas | NG | ST |
| 2014 | 4 | 20511 | Weyerhaeuser Co NR, New Bern CF | Industrial | Weyerhaeuser New Bern NC | NC | 50188 | TG1 | 29.7 | Wood/Wood Waste Biomass | BLQ | ST |
| 2014 | 5 | 5036 | City of Delta - (CO) | Electric Utility | Delta (CO) | CO | 496 | 1 | 0.8 | Other Natural Gas | NG | IC |
| 2014 | 5 | 5036 | City of Delta - (CO) | Electric Utility | Delta (CO) | CO | 496 | 2 | 0.4 | Other Natural Gas | NG | IC |
| 2014 | 5 | 5036 | City of Delta - (CO) | Electric Utility | Delta (CO) | CO | 496 | 3 | 0.1 | Petroleum Liquids | DFO | IC |
| 2014 | 5 | 5036 | City of Delta - (CO) | Electric Utility | Delta (CO) | CO | 496 | 4 | 0.1 | Petroleum Liquids | DFO | IC |
| 2014 | 5 | 5036 | City of Delta - (CO) | Electric Utility | Delta (CO) | CO | 496 | 5 | 0.1 | Petroleum Liquids | DFO | IC |
| 2014 | 5 | 5036 | City of Delta - (CO) | Electric Utility | Delta (CO) | CO | 496 | 6 | 1.2 | Other Natural Gas | NG | IC |
| 2014 | 5 | 5036 | City of Delta - (CO) | Electric Utility | Delta (CO) | CO | 496 | 7 | 1.8 | Other Natural Gas | NG | IC |
| 2014 | 5 | 1179 | Emera Maine | Electric Utility | Bar Harbor | ME | 1466 | 2 | 2.0 | Petroleum Liquids | DFO | IC |
| 2014 | 5 | 1179 | Emera Maine | Electric Utility | Bar Harbor | ME | 1466 | 4 | 2.0 | Petroleum Liquids | DFO | IC |
| 2014 | 5 | 9384 | International Paper Co-Courtld | Industrial | International Paper Courtland Mill | AL | 50245 | ABB | 62.0 | Wood/Wood Waste Biomass | BLQ | ST |
| 2014 | 5 | 9384 | International Paper Co-Courtld | Industrial | International Paper Courtland Mill | AL | 50245 | GE | 27.0 | Wood/Wood Waste Biomass | BLQ | ST |
| 2014 | 5 | 58793 | Missouri University of Science and Technology | IPP | Missouri S&T - Power Plant | MO | 58923 | 1000 | 1.0 | Petroleum Liquids | DFO | IC |
| 2014 | 5 | 58793 | Missouri University of Science and Technology | IPP | Missouri S&T - Power Plant | MO | 58923 | 500K | 0.2 | Conventional Steam Coal | BIT | ST |
| 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) | 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 | 15147 | PSEG Fossil LLC | IPP | PSEG Burlington Generating Station | NJ | 2399 | 91 | 46.6 | Petroleum Liquids | DFO | GT |
| 2014 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Burlington Generating Station | NJ | 2399 | 92 | 47.3 | Petroleum Liquids | DFO | GT |
| 2014 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Burlington Generating Station | NJ | 2399 | 93 | 46.8 | Petroleum Liquids | DFO | GT |
| 2014 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Burlington Generating Station | NJ | 2399 | 94 | 46.0 | Petroleum Liquids | DFO | GT |
| 2014 | 6 | 18642 | Tennessee Valley Authority | Electric Utility | John Sevier | TN | 3405 | 3 | 176.0 | Conventional Steam Coal | BIT | ST |
| 2014 | 6 | 18642 | Tennessee Valley Authority | Electric Utility | John Sevier | TN | 3405 | 4 | 176.0 | Conventional Steam Coal | BIT | ST |
| 2014 | 7 | 2442 | City of Bryan - (TX) | Electric Utility | Bryan (TX) | TX | 3561 | 3 | 12.0 | Other Natural Gas | NG | ST |
| 2014 | 7 | 2442 | City of Bryan - (TX) | Electric Utility | Bryan (TX) | TX | 3561 | 4 | 22.0 | Other Natural Gas | NG | ST |
| 2014 | 7 | 2442 | City of Bryan - (TX) | Electric Utility | Bryan (TX) | TX | 3561 | 5 | 25.0 | Other Natural Gas | NG | ST |
| 2014 | 7 | 2442 | City of Bryan - (TX) | Electric Utility | Bryan (TX) | TX | 3561 | 6 | 50.0 | Other Natural Gas | NG | ST |
| 2014 | 7 | 18587 | Sierra Power Corp | Industrial | Sierra Power | CA | 50068 | WEST | 7.0 | Wood/Wood Waste Biomass | WDS | ST |
| 2014 | 7 | 22001 | Sunbury Generation LP | IPP | Sunbury Generation LP | PA | 3152 | 1 | 80.0 | Conventional Steam Coal | BIT | ST |
| 2014 | 7 | 22001 | Sunbury Generation LP | IPP | Sunbury Generation LP | PA | 3152 | 2 | 80.0 | Conventional Steam Coal | BIT | ST |
| 2014 | 7 | 22001 | Sunbury Generation LP | IPP | Sunbury Generation LP | PA | 3152 | 3 | 94.0 | Conventional Steam Coal | BIT | ST |
| 2014 | 7 | 22001 | Sunbury Generation LP | IPP | Sunbury Generation LP | PA | 3152 | 4 | 128.0 | 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 | 18642 | Tennessee Valley Authority | Electric Utility | Widows Creek | AL | 50 | 2 | 111.0 | Conventional Steam Coal | BIT | ST |
| 2014 | 7 | 18642 | Tennessee Valley Authority | Electric Utility | Widows Creek | AL | 50 | 4 | 111.0 | Conventional Steam Coal | BIT | ST |
| 2014 | 7 | 18642 | Tennessee Valley Authority | Electric Utility | Widows Creek | AL | 50 | 6 | 111.0 | Conventional Steam Coal | BIT | ST |
| 2014 | 8 | 30150 | CBY DBA Yakutat Power | Electric Utility | Yakutat | AK | 6637 | 4A | 1.1 | Petroleum Liquids | DFO | IC |
| 2014 | 8 | 34362 | Delaware Mountain LP | IPP | Delaware Mountain Windfarm | TX | 55399 | 01 | 23.3 | Onshore Wind Turbine | WND | WT |
| 2014 | 8 | 55793 | Fusion Paperboard Connecticut LLC | Industrial | Versailles Mill | CT | 54657 | NO1 | 14.0 | Other Natural Gas | NG | ST |
| 2014 | 8 | 15147 | PSEG Fossil LLC | IPP | PSEG Kearny Generating Station | NJ | 2404 | 9 | 21.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2014 | 8 | 14624 | PUD No 2 of Grant County | Electric Utility | Wanapum | WA | 3888 | 9 | 103.8 | Conventional Hydroelectric | WAT | HY |
| 2014 | 8 | 14395 | Palm Springs City of | Commercial | Municipal Cogen Plant | CA | 50674 | GEN1 | 0.6 | Other Natural Gas | NG | IC |
| 2014 | 8 | 14395 | Palm Springs City of | Commercial | Municipal Cogen Plant | CA | 50674 | GEN2 | 0.6 | Other Natural Gas | NG | IC |
| 2014 | 8 | 20323 | Wellhead Services Inc | Electric CHP | Santa Maria Cogen Plant | CA | 10733 | GEN1 | 7.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2014 | 8 | 20558 | White Springs Agrici Chem Inc | Industrial | Suwannee River Chemical Complex | FL | 50473 | SRC | 27.3 | All Other | OTH | ST |
| 2014 | 9 | 56207 | Ausra CA I LLC | IPP | Ausra Kimberlina Solar Generation | CA | 56943 | 1 | 3.5 | Solar Thermal without Energy Storage | SUN | ST |
| 2014 | 9 | 3915 | Coldwater Board of Public Util | Electric Utility | Coldwater | MI | 1819 | IC4 | 2.5 | Petroleum Liquids | DFO | IC |
| 2014 | 9 | 4716 | Dairyland Power Coop | Electric Utility | Alma | WI | 4140 | 4 | 40.4 | Conventional Steam Coal | BIT | ST |
| 2014 | 9 | 3542 | Duke Energy Ohio Inc | Electric Utility | Walter C Beckjord | OH | 2830 | 5 | 238.0 | Conventional Steam Coal | BIT | ST |
| 2014 | 9 | 3542 | Duke Energy Ohio Inc | Electric Utility | Walter C Beckjord | OH | 2830 | 6 | 414.0 | Conventional Steam Coal | BIT | ST |
| 2014 | 9 | 5860 | Empire District Electric Co | Electric Utility | Riverton | KS | 1239 | 7 | 38.0 | Conventional Steam Coal | SUB | ST |
| 2014 | 9 | 58185 | FirstLight Power Resources, Inc. - MA | IPP | Mount Tom | MA | 1606 | 1 | 143.6 | Conventional Steam Coal | BIT | ST |
| 2014 | 9 | 26642 | PE Bay Shore LLC | Electric CHP | Entenmanns Energy Center | NY | 54541 | 1 | 1.3 | Other Natural Gas | NG | IC |
| 2014 | 9 | 26642 | PE Bay Shore LLC | Electric CHP | Entenmanns Energy Center | NY | 54541 | 2 | 1.3 | Other Natural Gas | NG | IC |
| 2014 | 9 | 26642 | PE Bay Shore LLC | Electric CHP | Entenmanns Energy Center | NY | 54541 | 3 | 1.3 | Other Natural Gas | NG | IC |
| 2014 | 9 | 26642 | PE Bay Shore LLC | Electric CHP | Entenmanns Energy Center | NY | 54541 | 4 | 1.3 | Petroleum Liquids | DFO | IC |
| 2014 | 10 | 56929 | Alliance Star Energy LLC | Commercial | Sheraton SD East Tower | CA | 57592 | 45 | 0.3 | Other Natural Gas | NG | FC |
| 2014 | 10 | 56929 | Alliance Star Energy LLC | Commercial | Sheraton SD East Tower | CA | 57592 | 47 | 0.3 | Other Natural Gas | NG | FC |

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

| 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 | 10 | 56929 | Alliance Star Energy LLC | Commercial | Sheraton SD East Tower | CA | 57592 | 50 | 0.3 | Other Natural Gas | NG | FC |
| 2014 | 10 | 56929 | Alliance Star Energy LLC | Commercial | Sheraton SD East Tower | CA | 57592 | 51 | 0.3 | Other Natural Gas | NG | FC |
| 2014 | 10 | 4716 | Dairyland Power Coop | Electric Utility | Alma | WI | 4140 | 5 | 62.1 | Conventional Steam Coal | BIT | ST |
| 2014 | 10 | 55919 | Georgia-Pacific Consr Prods LP-Green Bay | Industrial | Green Bay West Mill | WI | 10360 | GEN10 | 26.4 | Conventional Steam Coal | BIT | ST |
| 2014 | 10 | 55919 | Georgia-Pacific Consr Prods LP-Green Bay | Industrial | Green Bay West Mill | WI | 10360 | GEN5 | 7.5 | Conventional Steam Coal | BIT | ST |
| 2014 | 10 | 16002 | Rio Bravo Poso | Electric CHP | Rio Bravo Poso | CA | 10769 | UP8 | 33.0 | Conventional Steam Coal | BIT | ST |
| 2014 | 10 | 50163 | Valero Energy Corporation | Industrial | Valero Energy Port Arthur Refinery | TX | 52108 | GEN1 | 14.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2014 | 10 | 50163 | Valero Energy Corporation | Industrial | Valero Energy Port Arthur Refinery | TX | 52108 | GEN2 | 12.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2014 | 10 | 50163 | Valero Energy Corporation | Industrial | Valero Energy Port Arthur Refinery | TX | 52108 | GEN4 | 10.0 | Other Gases | OG | CA |
| 2014 | 10 | 50163 | Valero Energy Corporation | Industrial | Valero Energy Port Arthur Refinery | TX | 52108 | GEN5 | 10.0 | Other Gases | OG | CA |
| 2014 | 10 | 50163 | Valero Energy Corporation | Industrial | Valero Energy Port Arthur Refinery | TX | 52108 | GEN6 | 10.0 | Other Gases | OG | ST |
| 2014 | 10 | 50163 | Valero Energy Corporation | Industrial | Valero Energy Port Arthur Refinery | TX | 52108 | GEN7 | 10.0 | Other Gases | OG | ST |
| 2014 | 11 | 17569 | City of South Norwalk - (CT) | Electric Utility | South Norwalk Electric | CT | 6598 | 6 | 1.1 | Petroleum Liquids | DFO | IC |
| 2014 | 11 | 5416 | Duke Energy Carolinas, LLC | Electric Utility | W S Lee | SC | 3264 | 1 | 100.0 | Conventional Steam Coal | BIT | ST |
| 2014 | 11 | 5416 | Duke Energy Carolinas, LLC | Electric Utility | W S Lee | SC | 3264 | 2 | 100.0 | Conventional Steam Coal | BIT | 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 | 14795 | Perdue Agribusiness | Industrial | Oilseed Plant | VA | 10515 | GEN1 | 1.6 | Conventional Steam Coal | BIT | 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 | 17698 | Southwestern Electric Power Co | Electric Utility | Lieberman | LA | 1417 | 1 | 25.0 | Other Natural Gas | NG | ST |
| 2014 | 12 | 34389 | WindPower Partners, 1994, L.P. | IPP | West Texas Windplant | TX | 54966 | WIND | 30.0 | Onshore Wind Turbine | WND | WT |

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

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code | Status | Nameplate Capacity (MW) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2015 | 1 | 1307 | Basin Electric Power Coop | Electric Utility | Lonesome Creek Station | ND | 57943 | 02 | 40.0 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 60.5 |
| 2015 | 1 | 1307 | Basin Electric Power Coop | Electric Utility | Lonesome Creek Station | ND | 57943 | 03 | 40.0 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 60.5 |
| 2015 | 1 | 57365 | Consolidated Edison Solutions Inc | IPP | Port Richmond WWT Solar | NY | 58647 | 1 | 1.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.0 |
| 2015 | 1 | 57391 | Copper Mountain Solar 2, LLC | IPP | Copper Mountain Solar 2 | NV | 58017 | PV04 | 30.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 30.0 |
| 2015 | 1 | 57391 | Copper Mountain Solar 2, LLC | IPP | Copper Mountain Solar 2 | NV | 58017 | PV05 | 30.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 30.0 |
| 2015 | 1 | 58790 | Copper Mountain Solar 3, LLC | IPP | Copper Mountain Solar 3 | NV | 58915 | 9 | 24.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 24.0 |
| 2015 | 1 | 58862 | DC Water | Electric CHP | DC Water CHP | DC | 59012 | TURB2 | 3.3 | Other Waste Biomass | OBG | GT | (V) Under construction, more than 50 percent complete | 4.7 |
| 2015 | 1 | 59176 | Diamond Valley Solar LLC | IPP | Diamond Valley Solar Project | CA | 59405 | PV11 | 1.3 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.3 |
| 2015 | 1 | 58468 | Dominion Renewable Energy | IPP | Corcoran Irrigation District Solar | CA | 59183 | PV1 | 19.8 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 19.8 |
| 2015 | 1 | 58720 | Enbridge | IPP | Keechi Wind | TX | 58838 | KW1 | 110.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 110.0 |
| 2015 | 1 | 49932 | Enel North America, Inc. | IPP | South Fork Wind Farm | MN | 58691 | STFK1 | 13.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 13.0 |
| 2015 | 1 | 6915 | Galena Electric Utility | Electric Utility | Galena Electric Utility | AK | 7437 | 2A | 0.3 | Petroleum Liquids | DFO | IC | (V) Under construction, more than 50 percent complete | 0.5 |
| 2015 | 1 | 57104 | Golden Springs Development Company LLC | IPP | Santa Fe Springs Rooftop Solar BLDG H | CA | 58913 | 1 | 1.5 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.5 |
| 2015 | 1 | 57104 | Golden Springs Development Company LLC | IPP | Santa Fe Springs Rooftop Solar BLDG M | CA | 58912 | 1 | 1.8 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 1.8 |
| 2015 | 1 | 10210 | Ketchikan Public Utilities | Electric Utility | Whitman | AK | 58977 | WPG-1 | 3.9 | Conventional Hydroelectric | WAT | HY | (TS) Construction complete, but not yet in commercial operation | 3.9 |
| 2015 | 1 | 10210 | Ketchikan Public Utilities | Electric Utility | Whitman | AK | 58977 | WPG-2 | 0.9 | Conventional Hydroelectric | WAT | HY | (TS) Construction complete, but not yet in commercial operation | 0.9 |
| 2015 | 1 | 10810 | LAX Airport | Commercial | Central Utilities Plant LAX 2 | CA | 58258 | GEN1 | 4.4 | Natural Gas Fired Combustion Turbine | NG | GT | (TS) Construction complete, but not yet in commercial operation | 4.6 |
| 2015 | 1 | 10810 | LAX Airport | Commercial | Central Utilities Plant LAX 2 | CA | 58258 | GEN2 | 4.4 | Natural Gas Fired Combustion Turbine | NG | GT | (TS) Construction complete, but not yet in commercial operation | 4.6 |
| 2015 | 1 | 11824 | Matanuska Electric Assn Inc | Electric Utility | Eklutna Generation Station | AK | 58989 | EGS07 | 16.5 | Other Natural Gas | NG | IC | (TS) Construction complete, but not yet in commercial operation | 17.1 |
| 2015 | 1 | 11824 | Matanuska Electric Assn Inc | Electric Utility | Eklutna Generation Station | AK | 58989 | EGS08 | 16.5 | Other Natural Gas | NG | IC | (TS) Construction complete, but not yet in commercial operation | 17.1 |
| 2015 | 1 | 11824 | Matanuska Electric Assn Inc | Electric Utility | Eklutna Generation Station | AK | 58989 | EGS09 | 16.5 | Other Natural Gas | NG | IC | (TS) Construction complete, but not yet in commercial operation | 17.1 |
| 2015 | 1 | 11824 | Matanuska Electric Assn Inc | Electric Utility | Eklutna Generation Station | AK | 58989 | EGS10 | 16.5 | Other Natural Gas | NG | IC | (TS) Construction complete, but not yet in commercial operation | 17.1 |
| 2015 | 1 | 12647 | Minnesota Power Inc | Electric Utility | Bison 4 Wind Energy Center | ND | 58872 | BISO4 | 205.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 205.0 |
| 2015 | 1 | 56990 | NJR Clean Energy Ventures Corporation | IPP | North Run | NJ | 59318 | NRUN1 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2015 | 1 | 59208 | NRG Solar Las Vegas MB-1 | Commercial | NRG Solar Las Vegas MB-1 | NV | 59430 | MB-1 | 5.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 5.0 |
| 2015 | 1 | 58489 | OCI Solar Power | IPP | OCI Alamo 3 LLC | TX | 59204 | OCIA3 | 5.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 5.5 |
| 2015 | 1 | 15248 | Portland General Electric Co | Electric Utility | Port Westward Unit 2 | OR | 58266 | 9 | 18.5 | Other Natural Gas | NG | IC | (TS) Construction complete, but not yet in commercial operation | 18.8 |
| 2015 | 1 | 15477 | Public Service Elec & Gas Co | Electric Utility | Kinsley Landfill Solar | NJ | 58877 | KINS | 8.6 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 8.6 |
| 2015 | 1 | 15477 | Public Service Elec & Gas Co | Electric Utility | Parkland Landfill Solar | NJ | 59001 | PARK | 7.8 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 7.8 |
| 2015 | 1 | 59121 | Pumpjack Solar I, LLC | IPP | Pumpjack Solar I | CA | 59322 | GEN1 | 20.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 20.0 |
| 2015 | 1 | 59040 | Rising Tree Wind Farm II LLC | IPP | Rising Tree Wind Farm II | CA | 59235 | GEN1 | 19.8 | Onshore Wind Turbine | WND | WT | (TS) Construction complete, but not yet in commercial operation | 19.8 |
| 2015 | 1 | 56937 | Rising Tree Wind Farm LLC | IPP | Rising Tree Wind Farm | CA | 57621 | GEN1 | 79.2 | Onshore Wind Turbine | WND | WT | (TS) Construction complete, but not yet in commercial operation | 79.2 |
| 2015 | 1 | 58820 | Shankle Solar Center LLC | IPP | Shankle Solar Center LLC | NC | 58956 | SHAN | 4.8 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 4.8 |
| 2015 | 1 | 58258 | SunRay Power LLC | IPP | Leicester One MA Solar LLC | MA | 58282 | 1 | 6.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 6.0 |
| 2015 | 1 | 20542 | Weyerhaeuser Co | Industrial | Flint River Operations | GA | 50465 | GEN2 | 25.0 | Wood/Wood Waste Biomass | WDS | ST | (U) Under construction, less than or equal to 50 percent complete | 38.5 |
| 2015 | 1 | 59158 | Wildwood Solar I, LLC | IPP | Wildwood Solar I, LLC | CA | 59380 | WLD1 | 19.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 19.5 |
| 2015 | 2 | 58262 | Belectric Inc | IPP | Venable Solar 1 | CA | 58289 | VNPV | 1.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2015 | 2 | 58262 | Belectric Inc | IPP | Venable Solar 2 | CA | 58290 | VSPV | 1.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2015 | 2 | 20069 | City of Wamego - (KS) | Electric Utility | Wamego | KS | 1328 | 10 | 2.9 | Other Natural Gas | NG | IC | (V) Under construction, more than 50 percent complete | 3.2 |
| 2015 | 2 | 58790 | Copper Mountain Solar 3, LLC | IPP | Copper Mountain Solar 3 | NV | 58915 | 10 | 21.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 21.0 |
| 2015 | 2 | 58862 | DC Water | Electric CHP | DC Water CHP | DC | 59012 | TURB1 | 3.3 | Other Waste Biomass | OBG | GT | (V) Under construction, more than 50 percent complete | 4.7 |
| 2015 | 2 | 58862 | DC Water | Electric CHP | DC Water CHP | DC | 59012 | TURB3 | 3.3 | Other Waste Biomass | OBG | GT | (V) Under construction, more than 50 percent complete | 4.7 |
| 2015 | 2 | 19547 | Hawaiian Electric Co Inc | Electric Utility | HNL Emergency Power Facility | HI | 58469 | AP1 | 2.5 | Other Waste Biomass | OBL | IC | (V) Under construction, more than 50 percent complete | 2.5 |
| 2015 | 2 | 19547 | Hawaiian Electric Co Inc | Electric Utility | HNL Emergency Power Facility | HI | 58469 | AP2 | 2.5 | Other Waste Biomass | OBL | IC | (V) Under construction, more than 50 percent complete | 2.5 |
| 2015 | 2 | 19547 | Hawaiian Electric Co Inc | Electric Utility | HNL Emergency Power Facility | HI | 58469 | AP3 | 2.5 | Other Waste Biomass | OBL | IC | (V) Under construction, more than 50 percent complete | 2.5 |
| 2015 | 2 | 19547 | Hawaiian Electric Co Inc | Electric Utility | HNL Emergency Power Facility | HI | 58469 | AP4 | 2.5 | Other Waste Biomass | OBL | IC | (V) Under construction, more than 50 percent complete | 2.5 |
| 2015 | 2 | 58598 | Mass Solar, LLC | IPP | Braley Road 2 | MA | 58680 | PV1 | 2.7 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.7 |
| 2015 | 2 | 58598 | Mass Solar, LLC | IPP | Freetown Solar | MA | 58283 | 1 | 5.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 5.0 |
| 2015 | 2 | 58377 | MidAmerican Solar LLC | IPP | Solar Star 2 | CA | 58389 | SS24 | 44.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 43.5 |
| 2015 | 2 | 56990 | NJR Clean Energy Ventures Corporation | IPP | Carroll Area Wind Farm | IA | 59071 | WT 1 | 20.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 20.0 |
| 2015 | 2 | 59177 | Petra Engineering | IPP | Loy Farm Solar | NC | 59406 | SYS1 | 2.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 2.0 |
| 2015 | 2 | 22142 | Santa Cruz Cogeneration Assoc | Commercial | Univ of Calif Santa Cruz Cogeneration | CA | 50064 | 003 | 4.4 | Natural Gas Fired Combustion Turbine | NG | GT | (TS) Construction complete, but not yet in commercial operation | 4.4 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #11 | CA | 57225 | S011A | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #11 | CA | 57225 | S011B | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #11 | CA | 57225 | S011C | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #11 | CA | 57225 | S011D | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #11 | CA | 57225 | S011E | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #11 | CA | 57225 | S011F | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #11 | CA | 57225 | S011G | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #13 | CA | 57227 | S013A | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #13 | CA | 57227 | S013B | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #13 | CA | 57227 | S013C | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #13 | CA | 57227 | S013D | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #13 | CA | 57227 | S013E | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #13 | CA | 57227 | S013F | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #13 | CA | 57227 | S013G | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #16 | CA | 57230 | S016A | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #16 | CA | 57230 | S016B | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #16 | CA | 57230 | S016C | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #17 | CA | 57231 | S017A | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #17 | CA | 57231 | S017B | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #17 | CA | 57231 | S017C | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #17 | CA | 57231 | S017D | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #17 | CA | 57231 | S017E | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #17 | CA | 57231 | S017F | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #17 | CA | 57231 | S017G | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #26 | CA | 57245 | S026A | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #26 | CA | 57245 | S026B | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #26 | CA | 57245 | S026C | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #26 | CA | 57245 | S026D | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #26 | CA | 57245 | S026E | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #26 | CA | 57245 | S026F | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #26 | CA | 57245 | S026G | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #26 | CA | 57245 | S026H | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #26 | CA | 57245 | S026I | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #26 | CA | 57245 | S026J | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #26 | CA | 57245 | SO26K | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #26 | CA | 57245 | SO26L | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #27 | CA | 57246 | S027A | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #27 | CA | 57246 | S027B | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code | Status | Nameplate Capacity (MW) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #27 | CA | 57246 | S027C | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #27 | CA | 57246 | S027D | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #28 | CA | 57247 | S028A | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #28 | CA | 57247 | S028B | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #28 | CA | 57247 | S028C | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #28 | CA | 57247 | S028D | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #28 | CA | 57247 | S028E | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #28 | CA | 57247 | S028F | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #28 | CA | 57247 | S028G | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #32 | CA | 57534 | S32A | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #32 | CA | 57534 | S32B | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #32 | CA | 57534 | S32C | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #33 | CA | 57535 | S33A | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #33 | CA | 57535 | S33B | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #44 | CA | 57540 | S44A | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #44 | CA | 57540 | S44B | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #44 | CA | 57540 | S44C | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #44 | CA | 57540 | S44D | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #44 | CA | 57540 | S44E | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #44 | CA | 57540 | S44F | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #44 | CA | 57540 | S44G | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #44 | CA | 57540 | S44H | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #44 | CA | 57540 | S44I | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #44 | CA | 57540 | S44J | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #44 | CA | 57540 | S44K | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #44 | CA | 57540 | S44L | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #44 | CA | 57540 | S44M | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #44 | CA | 57540 | S44N | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #44 | CA | 57540 | S44O | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #44 | CA | 57540 | S44P | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #48 | CA | 57900 | S48A | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #48 | CA | 57900 | S48B | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #48 | CA | 57900 | S48C | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #48 | CA | 57900 | S48D | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #48 | CA | 57900 | S48E | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #48 | CA | 57900 | S48F | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #48 | CA | 57900 | S48G | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #48 | CA | 57900 | S48H | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #48 | CA | 57900 | S48I | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 17609 | Southern California Edison Co | Electric Utility | Solar Photovoltaic Project #48 | CA | 57900 | S48J | 0.5 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 0.5 |
| 2015 | 2 | 58661 | sPower | IPP | Con Dios Solar 11 | CA | 59264 | CON11 | 1.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2015 | 2 | 58661 | sPower | IPP | Con Dios Solar 3 | CA | 59263 | COND3 | 1.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2015 | 3 | 59050 | Algonquin Power Co | IPP | Algonquin SKIC20 Solar LLC | CA | 59412 | SKI20 | 20.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 20.0 |
| 2015 | 3 | 5089 | Des Moines Metro WRF | Commercial | Des Moines Wastewater Reclamation Fac | IA | 50932 | 72-04 | 1.4 | Other Waste Biomass | OBG | IC | (TS) Construction complete, but not yet in commercial operation | 1.4 |
| 2015 | 3 | 5089 | Des Moines Metro WRF | Commercial | Des Moines Wastewater Reclamation Fac | IA | 50932 | 72-05 | 1.4 | Other Waste Biomass | OBG | IC | (TS) Construction complete, but not yet in commercial operation | 1.4 |
| 2015 | 3 | 5906 | EDF Renewable Services Inc | IPP | City of Corcoran Solar | CA | 59087 | GEN 1 | 11.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 11.0 |
| 2015 | 3 | 5906 | EDF Renewable Services Inc | IPP | Goose Lake Solar | CA | 59086 | GEN1 | 12.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 12.0 |
| 2015 | 3 | 5701 | El Paso Electric Co | Electric Utility | Montana Power Station | TX | 58562 | GT-1 | 100.0 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 131.8 |
| 2015 | 3 | 5701 | El Paso Electric Co | Electric Utility | Montana Power Station | TX | 58562 | GT-2 | 100.0 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 131.8 |
| 2015 | 3 | 56615 | First Solar Energy LLC | IPP | Barilla Solar | TX | 58710 | BRLA | 30.2 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 30.2 |
| 2015 | 3 | 58865 | Hoopeston Wind LLC | IPP | Hoopeston Wind LLC | IL | 59021 | HOO1 | 98.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 98.0 |
| 2015 | 3 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Maclay Solar Project | CA | 57308 | 1 | 2.2 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 2.2 |
| 2015 | 3 | 58377 | MidAmerican Solar LLC | IPP | Solar Star 1 | CA | 58388 | SS12 | 52.6 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 54.0 |
| 2015 | 3 | 56855 | Performance Services | IPP | Purdue Energy Park | IN | 57518 | 1 | 20.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 20.0 |
| 2015 | 3 | 58920 | Redmon Solar Farm LLC | IPP | Redmon Solar Farm LLC | NC | 59114 | 1 | 2.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 2.0 |
| 2015 | 3 | 58749 | Rentech Nitrogen Pasadena LLC | Electric CHP | Rentech Nitrogen Pasadena Cogeneration | TX | 58870 | MG202 | 14.0 | All Other | WH | ST | (TS) Construction complete, but not yet in commercial operation | 15.4 |
| 2015 | 3 | 59202 | SolNCPower1, LLC | IPP | Two Mile Solar | NC | 59427 | TMS1 | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2015 | 3 | 58658 | Sunlight Partners | IPP | Amethyst Solar | NC | 58730 | PV1 | 3.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2015 | 3 | 58658 | Sunlight Partners | IPP | Audrey Solar | NC | 58732 | PV1 | 3.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2015 | 3 | 58658 | Sunlight Partners | IPP | Charlotte Solar | NC | 58722 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 3 | 58658 | Sunlight Partners | IPP | Elliana Solar | NC | 58725 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 5.0 |
| 2015 | 3 | 58658 | Sunlight Partners | IPP | Milo Solar | NC | 58739 | PV1 | 3.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2015 | 3 | 58658 | Sunlight Partners | IPP | Minnie Solar | NC | 58740 | PV1 | 3.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2015 | 3 | 18260 | Surprise Valley Electrification | Electric Utility | Paisley Geothermal Generating Plant | OR | 59382 | SVEP1 | 1.8 | Geothermal | GEO | ST | (TS) Construction complete, but not yet in commercial operation | 3.7 |
| 2015 | 3 | 58361 | Triton College | Commercial | Triton East and West Cogen | IL | 58375 | 5 | 0.4 | Other Natural Gas | NG | IC | (TS) Construction complete, but not yet in commercial operation | 0.4 |
| 2015 | 3 | 58414 | Victor Dry Farm Ranch | IPP | Victor Dry Farm Ranch A | CA | 58418 | 1 | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2015 | 3 | 58414 | Victor Dry Farm Ranch | IPP | Victor Dry Farm Ranch B | CA | 58419 | 1 | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2015 | 3 | 56334 | WEHRAN Energy Corporation | IPP | Brookhaven Facility | NY | 55778 | BH5 | 0.5 | Landfill Gas | LFG | IC | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 3 | 56334 | WEHRAN Energy Corporation | IPP | Brookhaven Facility | NY | 55778 | BH6 | 0.5 | Landfill Gas | LFG | IC | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 3 | 59156 | Wapsie Valley Creamery | Industrial | Wapsie Valley Creamery Back Up Generator | IA | 59379 | 1 | 1.1 | Petroleum Liquids | DFO | IC | (U) Under construction, less than or equal to 50 percent complete | 1.4 |
| 2015 | 3 | 58661 | sPower | IPP | Leavenworth Greenworks LLC | NY | 59276 | LEAVG | 9.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 9.5 |
| 2015 | 3 | 58661 | sPower | IPP | SEPV Palmdale East | CA | 59273 | PALME | 10.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 10.0 |
| 2015 | 3 | 58661 | sPower | IPP | Sierra Solar Greenworks | CA | 59431 | SSG1 | 20.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 20.0 |
| 2015 | 3 | 58661 | sPower | IPP | Sterlington Greenworks LLC | NY | 59275 | STERG | 1.3 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.3 |
| 2015 | 3 | 58661 | sPower | IPP | Sutter Greeworks LLC | NY | 59274 | SUTTG | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2015 | 4 | 7977 | City of Hamilton - (OH) | Electric Utility | Meldahl Hydroelectric Project | KY | 56872 | 1 | 35.0 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 35.0 |
| 2015 | 4 | 7977 | City of Hamilton - (OH) | Electric Utility | Meldahl Hydroelectric Project | KY | 56872 | 2 | 35.0 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 35.0 |
| 2015 | 4 | 58748 | Clean Energy LLC | Electric CHP | Reventure Park | NC | 58865 | RNG | 1.6 | Landfill Gas | LFG | IC | (V) Under construction, more than 50 percent complete | 1.6 |
| 2015 | 4 | 56769 | Consolidated Edison Development Inc. | IPP | Corcoran Solar 2 | CA | 59413 | C2CA | 19.8 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 19.8 |
| 2015 | 4 | 58443 | EBD Hydro LLC | IPP | 45 Mile Hydroelectric Project | OR | 58455 | 0001 | 1.0 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 1.0 |
| 2015 | 4 | 58443 | EBD Hydro LLC | IPP | 45 Mile Hydroelectric Project | OR | 58455 | 0002 | 1.0 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 1.0 |
| 2015 | 4 | 58443 | EBD Hydro LLC | IPP | 45 Mile Hydroelectric Project | OR | 58455 | 0003 | 1.0 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 1.0 |
| 2015 | 4 | 58523 | Enerdyne Power Systems Inc | IPP | Onslow Energy | NC | 59036 | GEN 1 | 1.5 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2015 | 4 | 56615 | First Solar Energy LLC | IPP | Lost Hills | CA | 58711 | BLKW | 12.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 12.0 |
| 2015 | 4 | 56615 | First Solar Energy LLC | IPP | Lost Hills | CA | 58711 | LTHL | 20.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 20.0 |
| 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 | (OT) Other | 170.0 |
| 2015 | 4 | 58873 | Green Energy Team LLC | IPP | Biomass to Energy Facility, Kauai | HI | 59035 | MKA1 | 8.3 | Other Waste Biomass | AB | ST | (V) Under construction, more than 50 percent complete | 9.3 |
| 2015 | 4 | 49893 | Invenergy Services LLC | IPP | Nelson Energy Center | IL | 55183 | CT1 | 155.7 | Natural Gas Fired Combined Cycle | NG | CT | (V) Under construction, more than 50 percent complete | 181.9 |
| 2015 | 4 | 49893 | Invenergy Services LLC | IPP | Nelson Energy Center | IL | 55183 | CT2 | 155.7 | Natural Gas Fired Combined Cycle | NG | CT | (V) Under construction, more than 50 percent complete | 179.4 |
| 2015 | 4 | 49893 | Invenergy Services LLC | IPP | Nelson Energy Center | IL | 55183 | ST1 | 129.6 | Other Natural Gas | NG | ST | (V) Under construction, more than 50 percent complete | 133.5 |

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code | Status | Nameplate Capacity (MW) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2015 | 4 | 49893 | Invenergy Services LLC | IPP | Nelson Energy Center | IL | 55183 | ST2 | 129.6 | Other Natural Gas | NG | ST | (V) Under construction, more than 50 percent complete | 133.5 |
| 2015 | 4 | 10071 | Kauai Island Utility Cooperative | Electric Utility | KRS I Anahola Solar | HI | 58639 | ANAPV | 12.0 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 12.0 |
| 2015 | 4 | 59119 | Los Vientos Windpower III, LLC | IPP | Los Vientos Windpower III | TX | 59320 | GEN1 | 2.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 2.0 |
| 2015 | 4 | 11824 | Matanuska Electric Assn Inc | Electric Utility | Eklutna Generation Station | AK | 58989 | EGS01 | 16.5 | Other Natural Gas | NG | IC | (TS) Construction complete, but not yet in commercial operation | 17.1 |
| 2015 | 4 | 11824 | Matanuska Electric Assn Inc | Electric Utility | Eklutna Generation Station | AK | 58989 | EGS02 | 16.5 | Other Natural Gas | NG | IC | (TS) Construction complete, but not yet in commercial operation | 17.1 |
| 2015 | 4 | 11824 | Matanuska Electric Assn Inc | Electric Utility | Eklutna Generation Station | AK | 58989 | EGS03 | 16.5 | Other Natural Gas | NG | IC | (TS) Construction complete, but not yet in commercial operation | 17.1 |
| 2015 | 4 | 11824 | Matanuska Electric Assn Inc | Electric Utility | Eklutna Generation Station | AK | 58989 | EGS04 | 16.5 | Other Natural Gas | NG | IC | (TS) Construction complete, but not yet in commercial operation | 17.1 |
| 2015 | 4 | 11824 | Matanuska Electric Assn Inc | Electric Utility | Eklutna Generation Station | AK | 58989 | EGS05 | 16.5 | Other Natural Gas | NG | IC | (TS) Construction complete, but not yet in commercial operation | 17.1 |
| 2015 | 4 | 11824 | Matanuska Electric Assn Inc | Electric Utility | Eklutna Generation Station | AK | 58989 | EGS06 | 16.5 | Other Natural Gas | NG | IC | (TS) Construction complete, but not yet in commercial operation | 17.1 |
| 2015 | 4 | 12320 | Merck & Co Inc | Industrial | Elkton | VA | 52148 | GEN3 | 1.0 | Other Natural Gas | NG | IC | (U) Under construction, less than or equal to 50 percent complete | 1.0 |
| 2015 | 4 | 12320 | Merck & Co Inc | Industrial | Elkton | VA | 52148 | GEN4 | 0.2 | Other Natural Gas | NG | IC | (U) Under construction, less than or equal to 50 percent complete | 0.2 |
| 2015 | 4 | 12670 | Missouri Jnt Muni.Pwr Elec. Ut. Comm. | Electric Utility | Fredericktown Energy Center | MO | 57946 | UNIT1 | 12.0 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 13.8 |
| 2015 | 4 | 12670 | Missouri Jnt Muni.Pwr Elec. Ut. Comm. | Electric Utility | Fredericktown Energy Center | MO | 57946 | UNIT2 | 12.0 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 13.8 |
| 2015 | 4 | 14077 | Oklahoma Municipal Power Authority | Electric Utility | Charles D. Lamb Energy Center | OK | 58325 | 1 | 122.0 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 122.0 |
| 2015 | 4 | 59199 | SolNCPower2, LLC | IPP | GKS Solar | NC | 59426 | GKS1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 4 | 59131 | Sumitomo Corporation of the Americas | IPP | Mesquite Creek Wind | TX | 59332 | MSCRK | 211.2 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 211.2 |
| 2015 | 4 | 58734 | Sunfish Farm LLC | IPP | Sunfish Farm | NC | 58864 | 1 | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2015 | 4 | 58919 | Yanceyville Farm 2 LLC | IPP | Yanceyville Farm 2 LLC | NC | 59113 | 1 | 5.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 5.0 |
| 2015 | 5 | 40577 | American Mun Power-Ohio, Inc | Electric Utility | Cannelton Hydroelectric Plant | KY | 57399 | CG1 | 29.3 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 29.3 |
| 2015 | 5 | 40577 | American Mun Power-Ohio, Inc | Electric Utility | Cannelton Hydroelectric Plant | KY | 57399 | CG2 | 29.3 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 29.3 |
| 2015 | 5 | 40577 | American Mun Power-Ohio, Inc | Electric Utility | Willow Island Hydroelectric Plant | WV | 57401 | WIG1 | 22.0 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 22.0 |
| 2015 | 5 | 7977 | City of Hamilton - (OH) | Electric Utility | Meldahl Hydroelectric Project | KY | 56872 | 3 | 35.0 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 35.0 |
| 2015 | 5 | 56769 | Consolidated Edison Development Inc. | IPP | Atwell Island West Solar | CA | 59414 | AWCA | 20.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 20.0 |
| 2015 | 5 | 5906 | EDF Renewable Services Inc | IPP | Longhorn Wind | TX | 58772 | GEN1 | 200.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2015 | 5 | 7349 | Golden Spread Electric Cooperative, Inc | Electric Utility | Elk Station | TX | 58835 | ELK1 | 189.0 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 202.0 |
| 2015 | 5 | 49893 | Invenergy Services LLC | IPP | Buckeye Wind Energy Center | KS | 58767 | 1 | 25.9 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 25.9 |
| 2015 | 5 | 49893 | Invenergy Services LLC | IPP | Buckeye Wind Energy Center | KS | 58767 | 2 | 70.3 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 70.3 |
| 2015 | 5 | 49893 | Invenergy Services LLC | IPP | Buckeye Wind Energy Center | KS | 58767 | 3 | 105.5 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 105.5 |
| 2015 | 5 | 49893 | Invenergy Services LLC | IPP | Wake Wind Energy Center | TX | 58766 | 1 | 129.5 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 129.5 |
| 2015 | 5 | 49893 | Invenergy Services LLC | IPP | Wake Wind Energy Center | TX | 58766 | 2 | 109.2 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 109.2 |
| 2015 | 5 | 49893 | Invenergy Services LLC | IPP | Wake Wind Energy Center | TX | 58766 | 3 | 61.1 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 61.1 |
| 2015 | 5 | 11249 | Louisville Gas & Electric Co | Electric Utility | Cane Run | KY | 1363 | 7 | 640.0 | Natural Gas Fired Combined Cycle | NG | CC | (V) Under construction, more than 50 percent complete | 691.0 |
| 2015 | 5 | 58377 | MidAmerican Solar LLC | IPP | Solar Star 1 | CA | 58388 | SS14 | 32.2 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 33.0 |
| 2015 | 5 | 58616 | Osage Wind, LLC | IPP | Osage Wind, LLC | OK | 58683 | 1 | 150.4 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 150.4 |
| 2015 | 5 | 59183 | Shafter Solar LLC | IPP | Shafter Solar LLC | CA | 59408 | 1 | 20.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 20.0 |
| 2015 | 5 | 17445 | Solid Waste Auth of Palm Beach | Electric Utility | Palm Beach Renewable Energy Facility#2 | FL | 57898 | GEN2 | 85.0 | Municipal Solid Waste | MSW | ST | (V) Under construction, more than 50 percent complete | 96.0 |
| 2015 | 5 | 57355 | Stephens Ranch Wind Energy LLC | IPP | Stephens Ranch Wind Energy LLC | TX | 57983 | 2 | 165.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 165.0 |
| 2015 | 5 | 58658 | Sunlight Partners | IPP | Sophie Solar | NC | 58745 | PV1 | 4.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 4.5 |
| 2015 | 5 | 56641 | Tonopah Solar Energy LLC | IPP | Crescent Dunes Solar Energy | NV | 57275 | TSE-1 | 110.0 | Solar Thermal with Energy Storage | SUN | CP | (V) Under construction, more than 50 percent complete | 125.0 |
| 2015 | 6 | 58856 | 65HK 8me LLC | IPP | Hayworth Solar | CA | 59009 | PV1 | 27.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 27.0 |
| 2015 | 6 | 58706 | 67RK 8me LLC | IPP | Redcrest Solar Farm | CA | 58831 | PV-1 | 20.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 20.0 |
| 2015 | 6 | 40577 | American Mun Power-Ohio, Inc | Electric Utility | Cannelton Hydroelectric Plant | KY | 57399 | CG3 | 29.3 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 29.3 |
| 2015 | 6 | 40577 | American Mun Power-Ohio, Inc | Electric Utility | Willow Island Hydroelectric Plant | WV | 57401 | WIG2 | 22.0 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 22.0 |
| 2015 | 6 | 58694 | Argand Energy Solutions, LLC | IPP | Kenansville Solar 2, LLC | NC | 58803 | INV1 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 6 | 58694 | Argand Energy Solutions, LLC | IPP | Kenansville Solar 2, LLC | NC | 58803 | INV2 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 6 | 58694 | Argand Energy Solutions, LLC | IPP | Kenansville Solar 2, LLC | NC | 58803 | INV3 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 6 | 58694 | Argand Energy Solutions, LLC | IPP | Kenansville Solar 2, LLC | NC | 58803 | INV4 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 6 | 58694 | Argand Energy Solutions, LLC | IPP | McCaskey Solar Farm, LLC | NC | 58804 | INV1 | 0.3 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 0.3 |
| 2015 | 6 | 58694 | Argand Energy Solutions, LLC | IPP | McCaskey Solar Farm, LLC | NC | 58804 | INV2 | 0.3 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 0.3 |
| 2015 | 6 | 58694 | Argand Energy Solutions, LLC | IPP | McCaskey Solar Farm, LLC | NC | 58804 | INV3 | 0.3 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 0.3 |
| 2015 | 6 | 58694 | Argand Energy Solutions, LLC | IPP | McCaskey Solar Farm, LLC | NC | 58804 | INV4 | 0.3 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 0.3 |
| 2015 | 6 | 58694 | Argand Energy Solutions, LLC | IPP | McCaskey Solar Farm, LLC | NC | 58804 | INV5 | 0.3 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 0.3 |
| 2015 | 6 | 58694 | Argand Energy Solutions, LLC | IPP | McCaskey Solar Farm, LLC | NC | 58804 | INV6 | 0.3 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 0.3 |
| 2015 | 6 | 58694 | Argand Energy Solutions, LLC | IPP | McCaskey Solar Farm, LLC | NC | 58804 | INV7 | 0.3 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 0.3 |
| 2015 | 6 | 58694 | Argand Energy Solutions, LLC | IPP | McCaskey Solar Farm, LLC | NC | 58804 | INV8 | 0.3 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 0.3 |
| 2015 | 6 | 58987 | B&H Wind LLC | IPP | Beethoven Wind | SD | 59187 | B&H80 | 80.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 80.0 |
| 2015 | 6 | 58508 | Carolina Solar Energy II LLC | IPP | Simons Farm | NC | 59149 | SIMON | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2015 | 6 | 19656 | City of Vineland - (NJ) | Electric Utility | Clayville | NJ | 58235 | 1 | 63.0 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 73.0 |
| 2015 | 6 | 5906 | EDF Renewable Services Inc | IPP | Catalina Solar 2, LLC | CA | 59334 | INV-1 | 18.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 18.0 |
| 2015 | 6 | 58970 | Ecoplexus, Inc | IPP | Bradley PV1 | NC | 59154 | BRAD1 | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2015 | 6 | 49932 | Enel North America, Inc. | IPP | Little Elk Wind Project LLC | OK | 58999 | LEWP | 74.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 74.0 |
| 2015 | 6 | 59132 | Faison Solar LLC | IPP | Faison Solar | NC | 59333 | FAIS1 | 2.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 2.0 |
| 2015 | 6 | 56615 | First Solar Energy LLC | IPP | North Star Solar | CA | 58713 | NSTR | 62.5 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 62.5 |
| 2015 | 6 | 59155 | First Wind O&M, LLC | IPP | Greenville Solar Plant | UT | 58603 | GVSP1 | 2.2 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 2.2 |
| 2015 | 6 | 56691 | Garrison Energy Center LLC | IPP | Garrison Energy Center LLC | DE | 57349 | CTG1 | 183.0 | Natural Gas Fired Combined Cycle | NG | CT | (V) Under construction, more than 50 percent complete | 235.0 |
| 2015 | 6 | 56691 | Garrison Energy Center LLC | IPP | Garrison Energy Center LLC | DE | 57349 | STG2 | 126.0 | Natural Gas Fired Combined Cycle | NG | CA | (V) Under construction, more than 50 percent complete | 126.0 |
| 2015 | 6 | 7801 | Gulf Power Co | Electric Utility | Perdido | FL | 57502 | 3 | 1.5 | Landfill Gas | LFG | IC | (P) Planned for installation, but regulatory approvals not initiated | 1.6 |
| 2015 | 6 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Van Norman Bypass Solar Project | CA | 57307 | 1 | 3.4 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 3.4 |
| 2015 | 6 | 58985 | Marion Solar LLC | IPP | Belmont | IN | 59172 | PV1 | 3.8 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 3.8 |
| 2015 | 6 | 58985 | Marion Solar LLC | IPP | Marion Solar LNG | IN | 59180 | PV1 | 1.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 1.5 |
| 2015 | 6 | 11664 | Mark Technologies Corp | IPP | Alta Mesa Project Phase IV | CA | 55352 | GEN1 | 40.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 40.0 |
| 2015 | 6 | 58606 | Mauka Fit One LLC | IPP | Mauka FIT One | HI | 58662 | 3501 | 3.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 3.5 |
| 2015 | 6 | 58377 | MidAmerican Solar LLC | IPP | Solar Star 1 | CA | 58388 | SS11 | 52.6 | Solar Photovoltaic | SUN | PV | (V) Under construction, more than 50 percent complete | 54.0 |
| 2015 | 6 | 54888 | NRG Texas Power LLC | IPP | P H Robinson | TX | 3466 | PHR1 | 60.0 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 71.2 |
| 2015 | 6 | 54888 | NRG Texas Power LLC | IPP | P H Robinson | TX | 3466 | PHR2 | 60.0 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 71.2 |
| 2015 | 6 | 54888 | NRG Texas Power LLC | IPP | P H Robinson | TX | 3466 | PHR3 | 60.0 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 71.2 |
| 2015 | 6 | 54888 | NRG Texas Power LLC | IPP | P H Robinson | TX | 3466 | PHR4 | 60.0 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 71.2 |
| 2015 | 6 | 54888 | NRG Texas Power LLC | IPP | P H Robinson | TX | 3466 | PHR5 | 60.0 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 71.2 |
| 2015 | 6 | 57470 | Noble Energy Systems, Inc. | IPP | Pea Patch Wind Farm | MD | 58087 | PEAP | 50.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 50.0 |
| 2015 | 6 | 58653 | Oxbow Creek Energy LLC | IPP | Oxbow Creek | PA | 58714 | GEN1 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 6 | 58653 | Oxbow Creek Energy LLC | IPP | Oxbow Creek | PA | 58714 | GEN2 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 6 | 58653 | Oxbow Creek Energy LLC | IPP | Oxbow Creek | PA | 58714 | GEN3 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 6 | 58653 | Oxbow Creek Energy LLC | IPP | Oxbow Creek | PA | 58714 | GEN4 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 6 | 58653 | Oxbow Creek Energy LLC | IPP | Oxbow Creek | PA | 58714 | GEN5 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 6 | 57377 | PPG - O&M Panda Temple Power LLC | IPP | Panda Temple Power Station | TX | 58001 | CTG-3 | 204.0 | Natural Gas Fired Combined Cycle | NG | CT | (V) Under construction, more than 50 percent complete | 232.0 |
| 2015 | 6 | 57377 | PPG - O&M Panda Temple Power LLC | IPP | Panda Temple Power Station | TX | 58001 | CTG-4 | 204.0 | Natural Gas Fired Combined Cycle | NG | CT | (V) Under construction, more than 50 percent complete | 232.0 |
| 2015 | 6 | 57377 | PPG - O&M Panda Temple Power LLC | IPP | Panda Temple Power Station | TX | 58001 | STG-2 | 309.0 | Natural Gas Fired Combined Cycle | NG | CA | (V) Under construction, more than 50 percent complete | 339.2 |
| 2015 | 6 | 14624 | PUD No 2 of Grant County | Electric Utility | Wanapum | WA | 3888 | 9A | 122.0 | Conventional Hydroelectric | WAT | HY | (U) Under construction, less than or equal to 50 percent complete | 122.0 |
| 2015 | 6 | 59146 | Red Horse 2 | IPP | Red Horse 2 | AZ | 58833 | RH2S | 51.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 51.0 |
| 2015 | 6 | 59146 | Red Horse 2 | IPP | Red Horse 2 | AZ | 58833 | RH2W | 30.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 30.0 |

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code | Status | Nameplate Capacity (MW) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2015 | 6 | 59042 | Rising Tree Wind Farm III LLC | IPP | Rising Tree Wind Farm III | CA | 59236 | GEN1 | 99.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 99.0 |
| 2015 | 6 | 58652 | Roundtop Energy LLC | IPP | Roundtop | PA | 58715 | GEN1 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 6 | 58652 | Roundtop Energy LLC | IPP | Roundtop | PA | 58715 | GEN2 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 6 | 58652 | Roundtop Energy LLC | IPP | Roundtop | PA | 58715 | GEN3 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 6 | 58652 | Roundtop Energy LLC | IPP | Roundtop | PA | 58715 | GEN4 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 6 | 58652 | Roundtop Energy LLC | IPP | Roundtop | PA | 58715 | GEN5 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 6 | 58761 | White Camp Solar LLC | IPP | White Camp Solar | TX | 58888 | WCAMP | 100.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 100.0 |
| 2015 | 6 | 58984 | Winton Solar LLC | IPP | Winton Solar | NC | 59177 | 5MWPV | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 6 | 58982 | Woodland Solar LLC | IPP | Woodland Solar | NC | 59175 | 5MWPV | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 7 | 58662 | Blue Mountain Power Partners | IPP | Blue Mountain Wind Farm | UT | 58764 | BM1 | 80.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 80.0 |
| 2015 | 7 | 4161 | Constellation Power Source Gen | IPP | Perryman | MD | 1556 | GT6 | 109.8 | Natural Gas Fired Combustion Turbine | NG | GT | (U) Under construction, less than or equal to 50 percent complete | 141.0 |
| 2015 | 7 | 58970 | Ecoplexus, Inc | IPP | Thornton PV1 | NC | 59152 | THOR1 | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2015 | 7 | 57457 | Newark Energy Center, LLC | IPP | Newark Energy Center | NJ | 58079 | GT-1 | 200.0 | Natural Gas Fired Combined Cycle | NG | CT | (V) Under construction, more than 50 percent complete | 225.0 |
| 2015 | 7 | 57457 | Newark Energy Center, LLC | IPP | Newark Energy Center | NJ | 58079 | GT-2 | 200.0 | Natural Gas Fired Combined Cycle | NG | CT | (V) Under construction, more than 50 percent complete | 225.0 |
| 2015 | 7 | 57457 | Newark Energy Center, LLC | IPP | Newark Energy Center | NJ | 58079 | STG-1 | 285.0 | Natural Gas Fired Combined Cycle | NG | CA | (V) Under construction, more than 50 percent complete | 285.0 |
| 2015 | 8 | 58897 | 70SM 8me LLC | IPP | Calipatria Solar Farm | CA | 59088 | GEN 1 | 20.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 20.0 |
| 2015 | 8 | 58857 | 87RL 8me LLC | IPP | Woodmere Solar Farm | CA | 59008 | PV1 | 15.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 15.0 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Ball Mountain Hydro | VT | 59040 | GEN 1 | 0.2 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.2 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Ball Mountain Hydro | VT | 59040 | GEN 2 | 0.2 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.2 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Ball Mountain Hydro | VT | 59040 | GEN 3 | 0.2 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.2 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Ball Mountain Hydro | VT | 59040 | GEN 5 | 0.2 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.2 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Ball Mountain Hydro | VT | 59040 | GEN 6 | 0.2 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.2 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Ball Mountain Hydro | VT | 59040 | GEN 7 | 0.2 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.2 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Ball Mountain Hydro | VT | 59040 | GEN 8 | 0.2 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.2 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Ball Mountain Hydro | VT | 59040 | GEN 9 | 0.2 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.2 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Ball Mountain Hydro | VT | 59040 | GEN10 | 0.2 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.2 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Ball Mountain Hydro | VT | 59040 | GEN11 | 0.2 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.2 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Ball Mountain Hydro | VT | 59040 | GEN12 | 0.2 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.2 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Ball Mountain Hydro | VT | 59040 | GEN4 | 0.2 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.2 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Townshend Hydro | VT | 59089 | GEN1 | 0.1 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.1 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Townshend Hydro | VT | 59089 | GEN10 | 0.1 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.1 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Townshend Hydro | VT | 59089 | GEN11 | 0.1 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.1 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Townshend Hydro | VT | 59089 | GEN12 | 0.1 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.1 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Townshend Hydro | VT | 59089 | GEN2 | 0.1 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.1 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Townshend Hydro | VT | 59089 | GEN3 | 0.1 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.1 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Townshend Hydro | VT | 59089 | GEN4 | 0.1 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.1 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Townshend Hydro | VT | 59089 | GEN5 | 0.1 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.1 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Townshend Hydro | VT | 59089 | GEN6 | 0.1 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.1 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Townshend Hydro | VT | 59089 | GEN7 | 0.1 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.1 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Townshend Hydro | VT | 59089 | GEN8 | 0.1 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.1 |
| 2015 | 8 | 58877 | Blue Heron Hydro LLC | IPP | Townshend Hydro | VT | 59089 | GEN9 | 0.1 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 0.1 |
| 2015 | 8 | 59206 | Downs Farm Solar, LLC | IPP | Downs Farm Solar | NC | 59429 | DOWN1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 8 | 59155 | First Wind O&M, LLC | IPP | Beryl Solar Plant | UT | 58598 | BSP1 | 3.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2015 | 8 | 59155 | First Wind O&M, LLC | IPP | Buckhorn Solar Plant | UT | 58600 | BSP1 | 3.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2015 | 8 | 59155 | First Wind O&M, LLC | IPP | Cedar Valley Solar Plant | UT | 58599 | CVSP1 | 3.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2015 | 8 | 59155 | First Wind O&M, LLC | IPP | Granite Peak Solar Plant | UT | 58604 | GPSP1 | 3.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2015 | 8 | 59155 | First Wind O&M, LLC | IPP | Laho Solar Plant | UT | 58602 | LSP1 | 3.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2015 | 8 | 59155 | First Wind O&M, LLC | IPP | Milford Flat Solar Plant | UT | 58601 | MFSP1 | 3.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2015 | 8 | 59155 | First Wind O&M, LLC | IPP | Route 66 Wind Plant | TX | 58681 | RT661 | 150.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 150.0 |
| 2015 | 8 | 49893 | Invenergy Services LLC | IPP | Ector County Energy Center | TX | 58471 | CTG1 | 163.3 | Natural Gas Fired Combustion Turbine | NG | GT | (U) Under construction, less than or equal to 50 percent complete | 173.0 |
| 2015 | 8 | 49893 | Invenergy Services LLC | IPP | Ector County Energy Center | TX | 58471 | CTG2 | 163.3 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 173.0 |
| 2015 | 8 | 49805 | Kennecott Utah Copper | Industrial | Kennecott Power Plant | UT | 56163 | MCHP | 5.9 | Natural Gas Fired Combustion Turbine | NG | GT | (V) Under construction, more than 50 percent complete | 6.4 |
| 2015 | 8 | 58638 | NGP Lenape Solar II, LLC | IPP | Lenape II | IN | 58703 | 1 | 4.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 4.0 |
| 2015 | 8 | 58872 | Shannon Wind LLC | IPP | Shannon Wind | TX | 59034 | SHAN1 | 204.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 204.0 |
| 2015 | 8 | 58716 | Windsor Cooper Hill Solar, LLC | IPP | Windsor Cooper Hlill Solar, LLC | NC | 58847 | 1 | 5.0 | Solar Photovoltaic | SUN | PV | (TS) Construction complete, but not yet in commercial operation | 5.0 |
| 2015 | 9 | 58687 | Bayles Energy LLC | IPP | Bayles | PA | 58816 | GEN1 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 9 | 58687 | Bayles Energy LLC | IPP | Bayles | PA | 58816 | GEN2 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 9 | 58687 | Bayles Energy LLC | IPP | Bayles | PA | 58816 | GEN3 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 9 | 58687 | Bayles Energy LLC | IPP | Bayles | PA | 58816 | GEN4 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 9 | 58687 | Bayles Energy LLC | IPP | Bayles | PA | 58816 | GEN5 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 9 | 58981 | Bethel Solar LLC | IPP | Bethel Solar | NC | 59173 | 5MWPV | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 9 | 58508 | Carolina Solar Energy II LLC | IPP | Green Farm | NC | 59148 | GREEN | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2015 | 9 | 49932 | Enel North America, Inc. | IPP | Mustang Run Wind Project LLC | OK | 59000 | MRWP | 136.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 136.0 |
| 2015 | 9 | 50123 | Infigen Asset Management LLC | IPP | Rio Bravo Solar 1 LLC | CA | 59249 | PV1 | 19.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 20.0 |
| 2015 | 9 | 50123 | Infigen Asset Management LLC | IPP | Wildwood Solar II | CA | 59253 | PV1 | 14.7 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 15.0 |
| 2015 | 9 | 58609 | OwnEnergy Inc | IPP | Alexander Wind Farm LLC | KS | 58666 | 1 | 48.3 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 48.3 |
| 2015 | 9 | 58565 | Saddleback Ridge Wind, LLC | IPP | Saddleback Ridge Wind Farm | ME | 58608 | SRW1 | 34.2 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 34.2 |
| 2015 | 9 | 54842 | WM Renewable Energy LLC | IPP | Waste Management Tri-Cities LFGTE | CA | 57164 | GEN1 | 1.6 | Landfill Gas | LFG | IC | (P) Planned for installation, but regulatory approvals not initiated | 1.6 |
| 2015 | 9 | 54842 | WM Renewable Energy LLC | IPP | Waste Management Tri-Cities LFGTE | CA | 57164 | GEN2 | 1.6 | Landfill Gas | LFG | IC | (P) Planned for installation, but regulatory approvals not initiated | 1.6 |
| 2015 | 10 | 1991 | Boise White Paper LLC | Industrial | Boise Cascade International Falls | MN | 10486 | GEN 6 | 40.0 | Wood/Wood Waste Biomass | BLQ | ST | (U) Under construction, less than or equal to 50 percent complete | 40.0 |
| 2015 | 10 | 58970 | Ecoplexus, Inc | IPP | Shawboro PV1 | NC | 59155 | SHAW1 | 20.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2015 | 10 | 58962 | Fair Wind Power Partners | IPP | Fair Wind Power | MD | 59147 | 1 | 30.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 30.0 |
| 2015 | 10 | 59155 | First Wind O&M, LLC | IPP | Oakfield Wind Project | ME | 57002 | 1 | 148.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 148.0 |
| 2015 | 10 | 26253 | Louisiana Energy & Power Authority | Electric Utility | LEPA Unit No. 1 | LA | 58478 | LEPA1 | 59.0 | Natural Gas Fired Combined Cycle | NG | CC | (V) Under construction, more than 50 percent complete | 64.0 |
| 2015 | 10 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Border Winds Wind Farm | ND | 59200 | 1 | 150.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 150.0 |
| 2015 | 10 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Pleasant Valley Wind Farm | MN | 59201 | 1 | 200.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 200.0 |
| 2015 | 10 | 59143 | Old Mill Solar | IPP | Old Mill Solar | OR | 59374 | OMSLR | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2015 | 10 | 58589 | Orbit Energy Charlotte | IPP | Orbit Energy Charlotte | NC | 58638 | 1 | 5.2 | Other Waste Biomass | OBG | ST | (U) Under construction, less than or equal to 50 percent complete | 5.2 |
| 2015 | 10 | 58814 | Sibley Wind Substation LLC | IPP | Sibley Wind | MN | 58950 | SW-1 | 19.5 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 19.5 |
| 2015 | 10 | 58826 | Thunder Spirit Wind, LLC | IPP | Thunder Spirit Wind, LLC | ND | 58965 | THNDR | 150.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 150.0 |
| 2015 | 11 | 11268 | City of Lowell - (MI) | Electric Utility | Chatham | MI | 58254 | CT02R | 3.2 | Natural Gas Fired Combustion Turbine | NG | GT | (U) Under construction, less than or equal to 50 percent complete | 3.6 |
| 2015 | 11 | 5906 | EDF Renewable Services Inc | IPP | Roosevelt County | NM | 58771 | GEN1 | 250.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 250.0 |
| 2015 | 11 | 59155 | First Wind O&M, LLC | IPP | South Plains Wind Phase I | TX | 59384 | 1 | 200.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2015 | 11 | 58891 | Jericho Power LLC | IPP | Jericho Power | NH | 59070 | WT 1 | 12.1 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 14.3 |
| 2015 | 11 | 58849 | Mariah North West LLC | IPP | Mariah Renewable Energy Center Phase 1 | TX | 59005 | MAR1 | 109.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 232.0 |
| 2015 | 11 | 58930 | Tantgent Energy Solutions | IPP | DD Fayetteville Solar NC LLC | NC | 59117 | PV1 | 23.1 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 23.1 |
| 2015 | 11 | 54906 | Tradewind Energy, Inc. | IPP | Breckenridge Wind Project LLC | OK | 58994 | BWP | 98.8 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 98.8 |
| 2015 | 11 | 59056 | Tri Global Energy, LLC | IPP | Fiber Winds | TX | 59244 | FIBE1 | 80.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 80.0 |
| 2015 | 11 | 58601 | Waihonu South LLC | IPP | Honbushin Solar Blessings Park | HI | 58656 | INV-1 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 11 | 58601 | Waihonu South LLC | IPP | Honbushin Solar Blessings Park | HI | 58656 | INV-2 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code | Status | Nameplate Capacity (MW) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2015 | 11 | 58601 | Waihonu South LLC | IPP | Honbushin Solar Blessings Park | HI | 58656 | INV-3 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 12 | 58794 | American Wind Energy Management Corp. | IPP | Sugar Creek Wind One LLC | IL | 58924 | SUG1 | 175.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 175.0 |
| 2015 | 12 | 58703 | Apple One LLC | IPP | Apple One | NC | 58828 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 12 | 59039 | Arbuckle Mountain Wind Farm LLC | IPP | Arbuckle Mountain Wind Farm LLC | OK | 59234 | GEN1 | 100.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 100.0 |
| 2015 | 12 | 58680 | Ayrshire Holdings, LLC | IPP | Ayrshire | NC | 58792 | PV1 | 19.4 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 19.4 |
| 2015 | 12 | 58770 | Balko Wind LLC | IPP | Balko Wind LLC | OK | 58900 | BAL1 | 299.7 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 299.7 |
| 2015 | 12 | 58625 | Black Oak Wind, LLC | IPP | Black Oak Wind Farm | MN | 58692 | 1 | 42.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 42.0 |
| 2015 | 12 | 58562 | Blueberry One, LLC | IPP | Blueberry One | NC | 58605 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 12 | 57260 | CSOLAR IV West LLC | IPP | Imperial Solar Energy Center West | CA | 57491 | 56819 | 148.7 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 148.7 |
| 2015 | 12 | 59006 | Calypso Farm LLC | IPP | Calypso Farm | NC | 59212 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 12 | 58939 | Cameron Wind 1 LLC | IPP | Cameron Wind 1 LLC | TX | 59118 | CAM1 | 164.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 164.0 |
| 2015 | 12 | 58391 | Chilocco Wind Farm LLC | IPP | Chilocco Wind Farm | OK | 58406 | 1 | 76.5 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 76.5 |
| 2015 | 12 | 58391 | Chilocco Wind Farm LLC | IPP | Chilocco Wind Farm | OK | 58406 | 2 | 76.5 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 76.5 |
| 2015 | 12 | 59007 | Clipperton Holdings LLC | IPP | Clipperton Holdings | NC | 59213 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 12 | 56523 | Colorado Highlands Wind LLC | IPP | Colorado Highlands Wind | CO | 57174 | CHW3 | 19.7 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 19.7 |
| 2015 | 12 | 56215 | E ON Climate Renewables N America LLC | IPP | Grandview Wind Farm II LLC | TX | 59068 | GVII | 200.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2015 | 12 | 56215 | E ON Climate Renewables N America LLC | IPP | Grandview Wind Farm III LLC | TX | 59067 | GVIII | 188.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 188.0 |
| 2015 | 12 | 56215 | E ON Climate Renewables N America LLC | IPP | Magic Valley Wind Farm II | TX | 59066 | MVII | 230.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 230.0 |
| 2015 | 12 | 56215 | E ON Climate Renewables N America LLC | IPP | Rose Rock Wind Farm LLC | OK | 59065 | WT1 | 109.8 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 109.8 |
| 2015 | 12 | 56215 | E ON Climate Renewables N America LLC | IPP | Stella Wind Farm | TX | 59063 | WT1 | 200.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2015 | 12 | 56215 | E ON Climate Renewables N America LLC | IPP | Stella Wind Farm II | TX | 59064 | WT1 | 200.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2015 | 12 | 56215 | E ON Climate Renewables N America LLC | IPP | Twin Forks Wind Farm LLC | IL | 59061 | WT1 | 351.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 351.0 |
| 2015 | 12 | 56215 | E ON Climate Renewables N America LLC | IPP | Vici Wind Farm | OK | 59062 | VICI | 104.4 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 104.4 |
| 2015 | 12 | 56215 | E ON Climate Renewables N America LLC | IPP | Wildcat Wind Farm II LLC` | IN | 59069 | WCII | 210.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 210.0 |
| 2015 | 12 | 57414 | Eli Lilly and Company | Industrial | Lilly Technical Center | IN | 58043 | 5 | 1.0 | All Other | PUR | ST | (OT) Other | 1.0 |
| 2015 | 12 | 49932 | Enel North America, Inc. | IPP | Apple Blossom Wind Farm | MI | 58690 | APLB1 | 100.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 100.0 |
| 2015 | 12 | 49932 | Enel North America, Inc. | IPP | Goodwell Wind Project LLC | OK | 58998 | GWWP | 200.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 200.0 |
| 2015 | 12 | 49932 | Enel North America, Inc. | IPP | Odell Wind Farm | MN | 58657 | 1 | 200.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 200.0 |
| 2015 | 12 | 28086 | Energy Unlimited Inc | IPP | Painted Hills IV Wind | CA | 56926 | 1 | 19.5 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 19.5 |
| 2015 | 12 | 59001 | Faison Farm LLC | IPP | Faison Farm | NC | 59208 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 12 | 56625 | Flat Water Wind Farm LLC | IPP | Pawnee Wind Farm LLC | NE | 57283 | WTG2 | 10.5 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 10.5 |
| 2015 | 12 | 59002 | Garland Farm LLC | IPP | Garland Farm | NC | 59209 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 12 | 59008 | Guernsey Holdings LLC | IPP | Guernsey Holdings | NC | 59214 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 12 | 58695 | Heliosage LLC | IPP | Harrell's Hill Solar Center LLC | NC | 59337 | HHS1 | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2015 | 12 | 58695 | Heliosage LLC | IPP | Highland Solar Center LLC | NC | 59163 | HSC 1 | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2015 | 12 | 58695 | Heliosage LLC | IPP | Lake Solar Center LLC | NC | 59161 | LSC 1 | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2015 | 12 | 58695 | Heliosage LLC | IPP | Littlefield Solar Center LLC | NC | 58809 | LSC1 | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2015 | 12 | 58695 | Heliosage LLC | IPP | Mariposa Solar Center LLC | NC | 59162 | MSC 1 | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2015 | 12 | 58695 | Heliosage LLC | IPP | Mason Solar Center LLC | NC | 59165 | MSC 1 | 15.3 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 15.3 |
| 2015 | 12 | 58695 | Heliosage LLC | IPP | Nan Solar Center LLC | NC | 59164 | NSC 1 | 40.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 40.0 |
| 2015 | 12 | 59009 | Hereford Holdings LLC | IPP | Hereford Holdings | NC | 59215 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 12 | 59000 | Holger Holdings LLC | IPP | Holger Holdings | NC | 59218 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 12 | 58576 | Holstein Holdings, LLC | IPP | Holstein Plant | NC | 58623 | PV1 | 20.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 20.0 |
| 2015 | 12 | 15399 | Iberdrola Renewables Inc | IPP | El Cabo Wind | NM | 56098 | 1 | 298.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 298.0 |
| 2015 | 12 | 56167 | Imperial Valley Solar, LLC | IPP | Imperial Valley Solar, LLC | CA | 56917 | 2 | 400.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 400.0 |
| 2015 | 12 | 59003 | Jackson Solar Farm LLC | IPP | Jackson Solar Farm | NC | 59210 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 12 | 56911 | Kalaeloa Solar One LLC | IPP | Kalaeloa Solar One | HI | 57569 | KS1-A | 3.0 | Solar Thermal with Energy Storage | SUN | CP | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2015 | 12 | 56911 | Kalaeloa Solar One LLC | IPP | Kalaeloa Solar One | HI | 57569 | KS1-B | 3.0 | Solar Thermal with Energy Storage | SUN | CP | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2015 | 12 | 58773 | Kingfisher Wind LLC | IPP | Kingfisher Wind LLC | OK | 58902 | KNG1 | 300.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 300.0 |
| 2015 | 12 | 58679 | Kirkwall Holdings, LLC | IPP | Kirkwall Holdings | NC | 58791 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 12 | 58673 | Longhorn Holdings, LLC | IPP | Longhorn Holdings | NC | 58781 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 12 | 11204 | Los Alamos County | Electric Utility | Los Alamos PV Site | NM | 58256 | 4 | 1.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 1.0 |
| 2015 | 12 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Scattergood | CA | 404 | 4 | 209.5 | Natural Gas Fired Combined Cycle | NG | CC | (P) Planned for installation, but regulatory approvals not initiated | 209.5 |
| 2015 | 12 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Scattergood | CA | 404 | 5 | 108.8 | Natural Gas Fired Combined Cycle | NG | CC | (P) Planned for installation, but regulatory approvals not initiated | 108.8 |
| 2015 | 12 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Scattergood | CA | 404 | 6 | 95.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 103.0 |
| 2015 | 12 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Scattergood | CA | 404 | 7 | 95.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 103.0 |
| 2015 | 12 | 58850 | Mariah South LLC | IPP | Mariah Renewable Energy Center Phase 2 | TX | 59907 | MAR S | 99.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2015 | 12 | 58783 | Marseilles Land and Water Company | IPP | Marseilles Lock and Dam Hydro | IL | 58903 | UNIT1 | 10.3 | Conventional Hydroelectric | WAT | HY | (U) Under construction, less than or equal to 50 percent complete | 10.3 |
| 2015 | 12 | 58783 | Marseilles Land and Water Company | IPP | Marseilles Lock and Dam Hydro | IL | 58903 | UNIT2 | 10.3 | Conventional Hydroelectric | WAT | HY | (U) Under construction, less than or equal to 50 percent complete | 10.3 |
| 2015 | 12 | 58783 | Marseilles Land and Water Company | IPP | Marseilles Lock and Dam Hydro | IL | 58903 | UNIT3 | 10.3 | Conventional Hydroelectric | WAT | HY | (U) Under construction, less than or equal to 50 percent complete | 10.3 |
| 2015 | 12 | 58783 | Marseilles Land and Water Company | IPP | Marseilles Lock and Dam Hydro | IL | 58903 | UNIT4 | 10.3 | Conventional Hydroelectric | WAT | HY | (U) Under construction, less than or equal to 50 percent complete | 10.3 |
| 2015 | 12 | 58895 | Marshall Wind Energy LLC | IPP | Marshall Wind Farm | KS | 59084 | RPMA | 73.8 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 73.8 |
| 2015 | 12 | 59027 | Michelangelo Wind 4 LLC | IPP | Michelangelo Wind 4 LLC | IA | 59232 | WT1 | 3.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 3.0 |
| 2015 | 12 | 12341 | MidAmerican Energy Co | Electric Utility | Highland Wind Project (IA) | IA | 58883 | HLWF | 502.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 502.0 |
| 2015 | 12 | 58718 | Na Pua Makani Power Partners LLC | IPP | Na Pua Makani Wind Project | HI | 58837 | WT1 | 25.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 25.0 |
| 2015 | 12 | 55868 | Noble Wind Operations LLC | IPP | Noble Bellmont Windpark LLC | NY | 56903 | 1 | 21.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 21.0 |
| 2015 | 12 | 58477 | O2energies, Inc. | IPP | Gates Solar LLC | NC | 58673 | GATES | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2015 | 12 | 58477 | O2energies, Inc. | IPP | Montgomery Solar LLC | NC | 58649 | 1 | 20.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2015 | 12 | 55931 | Orion Energy Group LLC | IPP | Pilot Hill Wind Farm | IL | 58898 | K4-1 | 175.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 175.0 |
| 2015 | 12 | 58417 | Panda Liberty O&M LLC | IPP | Panda Liberty Generation Plant | PA | 58420 | GEN1 | 382.5 | Natural Gas Fired Combined Cycle | NG | CC | (V) Under construction, more than 50 percent complete | 435.0 |
| 2015 | 12 | 59016 | Passadumkeag Windpark LLC | IPP | Passadumkeag Windpark LLC | ME | 59222 | Q357 | 39.9 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 39.9 |
| 2015 | 12 | 59188 | Pleasant Hill Wind Energy LLC | IPP | Pleasant Hill Wind Energy Project | TX | 59417 | WT1 | 20.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 20.0 |
| 2015 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Cherokee | CO | 469 | 5 | 173.4 | Natural Gas Fired Combined Cycle | NG | CT | (T) Regulatory approvals received. Not under construction | 185.3 |
| 2015 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Cherokee | CO | 469 | 6 | 173.4 | Natural Gas Fired Combined Cycle | NG | CT | (T) Regulatory approvals received. Not under construction | 185.3 |
| 2015 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Cherokee | CO | 469 | 7 | 241.4 | Natural Gas Fired Combined Cycle | NG | CA | (T) Regulatory approvals received. Not under construction | 255.0 |
| 2015 | 12 | 58690 | Red Glen Energy LLC | IPP | Red Glen | PA | 58819 | GEN1 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 12 | 58690 | Red Glen Energy LLC | IPP | Red Glen | PA | 58819 | GEN2 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 12 | 58690 | Red Glen Energy LLC | IPP | Red Glen | PA | 58819 | GEN3 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 12 | 58690 | Red Glen Energy LLC | IPP | Red Glen | PA | 58819 | GEN4 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 12 | 58690 | Red Glen Energy LLC | IPP | Red Glen | PA | 58819 | GEN5 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2015 | 12 | 58674 | Sonne One, LLC | IPP | Sonne One | NC | 58782 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 12 | 58704 | Sonne Two LLC | IPP | Sonne Two | NC | 58829 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 12 | 58846 | Southeast Renewable Fuels, LLC | Industrial | SRF Sorghum to Ethanol Advanced Biorefinery | FL | 58997 | G1001 | 12.0 | Other Waste Biomass | OBS | ST | (U) Under construction, less than or equal to 50 percent complete | 15.0 |
| 2015 | 12 | 58658 | Sunlight Partners | IPP | Angel Solar | NC | 58731 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 5.0 |
| 2015 | 12 | 58658 | Sunlight Partners | IPP | Austin Solar | NC | 58733 | PV1 | 2.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 2.0 |
| 2015 | 12 | 58658 | Sunlight Partners | IPP | Buddy Solar | NC | 58735 | PV1 | 4.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 4.0 |
| 2015 | 12 | 58658 | Sunlight Partners | IPP | Carol Jean Solar | NC | 59017 | GEN 1 | 4.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 4.0 |
| 2015 | 12 | 58658 | Sunlight Partners | IPP | Duck Solar | NC | 58724 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 5.0 |
| 2015 | 12 | 58658 | Sunlight Partners | IPP | Flash Solar | NC | 58726 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 5.0 |
| 2015 | 12 | 58658 | Sunlight Partners | IPP | Hawkins Solar | NC | 58727 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 5.0 |

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code | Status | Nameplate Capacity (MW) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2015 | 12 | 58658 | Sunlight Partners | IPP | Maverick Solar | NC | 59016 | GEN 1 | 3.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 3.0 |
| 2015 | 12 | 58658 | Sunlight Partners | IPP | Owen Solar | NC | 58742 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 5.0 |
| 2015 | 12 | 58658 | Sunlight Partners | IPP | Shadow Solar | NC | 58744 | PV1 | 3.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 3.0 |
| 2015 | 12 | 58658 | Sunlight Partners | IPP | Star Solar | NC | 58746 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 5.0 |
| 2015 | 12 | 58836 | Sunwind Energy Solutions, LLLP | IPP | Sunwind Doyle Wind | KS | 58976 | SNWND | 200.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 200.0 |
| 2015 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Watts Bar Nuclear Plant | TN | 7722 | 2 | 1,122.0 | Nuclear | NUC | ST | (U) Under construction, less than or equal to 50 percent complete | 1,269.9 |
| 2015 | 12 | 59011 | Tiburon Holdings | IPP | Tiburon Holdings | NC | 59217 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2015 | 12 | 58796 | Trishe Wind Colorado | IPP | Trishe Wind Colorado | CO | 58928 | 1 | 30.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 30.0 |
| 2015 | 12 | 56633 | Trishe Wind Minnesota | IPP | Trishe Wind Minnesota | MN | 57255 | 1 | 40.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 40.0 |
| 2015 | 12 | 59098 | Trishe Wind Ohio LLC | IPP | Trishe Wind Ohio LLC | OH | 59296 | NWOH1 | 100.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 100.0 |
| 2015 | 12 | 59098 | Trishe Wind Ohio LLC | IPP | Trishe Wind Ohio LLC | OH | 59296 | NWOH2 | 150.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2015 | 12 | 58602 | Utah Red Hills Renewable Energy Park LLC | IPP | Utah Red Hills Renewable Energy Park | UT | 58660 | 1 | 80.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 80.0 |
| 2015 | 12 | 59116 | WED Coventry Five, LLC | IPP | WED Coventry 5 | RI | 59313 | COV5 | 1.5 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2015 | 12 | 59108 | WED Coventry Four, LLC | IPP | WED Coventry 4 | RI | 59306 | WEDC4 | 1.5 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2015 | 12 | 59105 | WED Coventry One, LLC | IPP | WED Coventry 1 | RI | 59301 | WEDC1 | 1.5 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2015 | 12 | 59117 | WED Coventry Six, LLC | IPP | WED Coventry 6 | RI | 59314 | COV6 | 1.5 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2015 | 12 | 59117 | WED Coventry Six, LLC | IPP | WED Coventry 6 | RI | 59314 | COV6A | 1.5 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2015 | 12 | 59117 | WED Coventry Six, LLC | IPP | WED Coventry 6 | RI | 59314 | COV6B | 1.5 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2015 | 12 | 59107 | WED Coventry Three, LLC | IPP | WED Coventry 3 | RI | 59305 | WEDC3 | 1.5 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2015 | 12 | 59106 | WED Coventry Two, LLC | IPP | WED Coventry 2 | RI | 59302 | COV2 | 1.5 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2015 | 12 | 59106 | WED Coventry Two, LLC | IPP | WED Coventry 2 | RI | 59302 | COV2A | 1.5 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2015 | 12 | 59106 | WED Coventry Two, LLC | IPP | WED Coventry 2 | RI | 59302 | COV2B | 1.5 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 1.5 |
| 2015 | 12 | 58600 | Waihonu North LLC | IPP | Waihonu North Solar | HI | 58655 | INV-1 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 12 | 58600 | Waihonu North LLC | IPP | Waihonu North Solar | HI | 58655 | INV-2 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 12 | 58600 | Waihonu North LLC | IPP | Waihonu North Solar | HI | 58655 | INV-3 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 12 | 58600 | Waihonu North LLC | IPP | Waihonu North Solar | HI | 58655 | INV-4 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 12 | 58600 | Waihonu North LLC | IPP | Waihonu North Solar | HI | 58655 | INV-5 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 12 | 58600 | Waihonu North LLC | IPP | Waihonu North Solar | HI | 58655 | INV-6 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 12 | 58600 | Waihonu North LLC | IPP | Waihonu North Solar | HI | 58655 | INV-7 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 12 | 58600 | Waihonu North LLC | IPP | Waihonu North Solar | HI | 58655 | INV-8 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 12 | 58600 | Waihonu North LLC | IPP | Waihonu North Solar | HI | 58655 | INV-9 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 12 | 58600 | Waihonu North LLC | IPP | Waihonu North Solar | HI | 58655 | INV10 | 0.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 0.5 |
| 2015 | 12 | 56948 | Waverly Wind Farm LLC | IPP | Waverly Wind Farm LLC | KS | 57614 | GEN1 | 199.5 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 199.5 |
| 2016 | 1 | 59192 | Amity Energy, LLC | IPP | Amity Energy LLC | PA | 59418 | GEN1 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 1 | 59192 | Amity Energy, LLC | IPP | Amity Energy LLC | PA | 59418 | GEN2 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 1 | 59192 | Amity Energy, LLC | IPP | Amity Energy LLC | PA | 59418 | GEN3 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 1 | 59192 | Amity Energy, LLC | IPP | Amity Energy LLC | PA | 59418 | GEN4 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 1 | 59192 | Amity Energy, LLC | IPP | Amity Energy LLC | PA | 59418 | GEN5 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 1 | 57166 | CPV Shore LLC | IPP | Woodbridge Energy Center | NJ | 57839 | CT001 | 240.0 | Natural Gas Fired Combined Cycle | NG | CC | (U) Under construction, less than or equal to 50 percent complete | 240.0 |
| 2016 | 1 | 57166 | CPV Shore LLC | IPP | Woodbridge Energy Center | NJ | 57839 | CT002 | 240.0 | Natural Gas Fired Combined Cycle | NG | CC | (U) Under construction, less than or equal to 50 percent complete | 240.0 |
| 2016 | 1 | 25438 | Friant Power Authority | IPP | Friant Hydro Facility | CA | 50393 | RO2 | 9.0 | Conventional Hydroelectric | WAT | HY | (T) Regulatory approvals received. Not under construction | 6.9 |
| 2016 | 1 | 58880 | Gallegos Wind Farm LLC | IPP | Gallegos Wind Farm, Phase 1 | NM | 59047 | GEN 1 | 180.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 180.0 |
| 2016 | 1 | 4361 | Ingredion Inc - Stockton | Industrial | Ingredion Stockton | CA | 52115 | GEN2 | 6.5 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 7.2 |
| 2016 | 1 | 58378 | Jordan Hydroelectric LTD PTP | IPP | Flannagan Hydroelectric Project | VA | 58827 | LEFT | 0.9 | Conventional Hydroelectric | WAT | HY | (TS) Construction complete, but not yet in commercial operation | 0.9 |
| 2016 | 1 | 58378 | Jordan Hydroelectric LTD PTP | IPP | Flannagan Hydroelectric Project | VA | 58827 | RGHT | 0.9 | Conventional Hydroelectric | WAT | HY | (TS) Construction complete, but not yet in commercial operation | 0.9 |
| 2016 | 1 | 58489 | OCI Solar Power | IPP | OCI Alamo 5 LLC | TX | 59205 | OCIA5 | 100.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2016 | 1 | 17583 | South Texas Electric Coop, Inc | Electric Utility | Red Gate Power Plant | TX | 59391 | ENG01 | 18.3 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.7 |
| 2016 | 1 | 17583 | South Texas Electric Coop, Inc | Electric Utility | Red Gate Power Plant | TX | 59391 | ENG02 | 18.3 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.7 |
| 2016 | 1 | 17583 | South Texas Electric Coop, Inc | Electric Utility | Red Gate Power Plant | TX | 59391 | ENG03 | 18.3 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.7 |
| 2016 | 1 | 17583 | South Texas Electric Coop, Inc | Electric Utility | Red Gate Power Plant | TX | 59391 | ENG04 | 18.3 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.7 |
| 2016 | 1 | 17583 | South Texas Electric Coop, Inc | Electric Utility | Red Gate Power Plant | TX | 59391 | ENG05 | 18.3 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.7 |
| 2016 | 1 | 17583 | South Texas Electric Coop, Inc | Electric Utility | Red Gate Power Plant | TX | 59391 | ENG06 | 18.3 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.7 |
| 2016 | 1 | 17583 | South Texas Electric Coop, Inc | Electric Utility | Red Gate Power Plant | TX | 59391 | ENG07 | 18.3 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.7 |
| 2016 | 1 | 17583 | South Texas Electric Coop, Inc | Electric Utility | Red Gate Power Plant | TX | 59391 | ENG08 | 18.3 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.7 |
| 2016 | 1 | 17583 | South Texas Electric Coop, Inc | Electric Utility | Red Gate Power Plant | TX | 59391 | ENG09 | 18.3 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.7 |
| 2016 | 1 | 17583 | South Texas Electric Coop, Inc | Electric Utility | Red Gate Power Plant | TX | 59391 | ENG10 | 18.3 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.7 |
| 2016 | 1 | 17583 | South Texas Electric Coop, Inc | Electric Utility | Red Gate Power Plant | TX | 59391 | ENG11 | 18.3 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.7 |
| 2016 | 1 | 17583 | South Texas Electric Coop, Inc | Electric Utility | Red Gate Power Plant | TX | 59391 | ENG12 | 18.3 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 18.7 |
| 2016 | 1 | 59138 | SunPower Corporation, Systems | IPP | Quinto Solar PV Project | CA | 59339 | SSC13 | 105.1 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 108.0 |
| 2016 | 1 | 56789 | TBE Montgomery LLC | IPP | TBE-Montgomery LLC | NY | 57472 | CTG | 11.6 | Other Waste Biomass | OBG | CT | (U) Under construction, less than or equal to 50 percent complete | 12.0 |
| 2016 | 1 | 56789 | TBE Montgomery LLC | IPP | TBE-Montgomery LLC | NY | 57472 | STG | 7.4 | Other Waste Biomass | OBG | CA | (U) Under construction, less than or equal to 50 percent complete | 9.0 |
| 2016 | 2 | 58815 | KDC Solar RTC LLC | IPP | Delilah Road Landfill | NJ | 58951 | DRLS | 9.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 9.0 |
| 2016 | 2 | 59022 | Leonardo Wind 1 LLC | IPP | Leonardo Wind 1 LLC | IA | 59228 | WT1 | 3.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 3.0 |
| 2016 | 2 | 59023 | Leonardo Wind 3 LLC | IPP | Leonardo Wind 3 LLC | IA | 59229 | WT1 | 3.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 3.0 |
| 2016 | 2 | 59026 | Michelangelo Wind 1 LLC | IPP | Michelangelo Wind 1 LLC | IA | 59231 | WT1 | 3.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 3.0 |
| 2016 | 2 | 58887 | Michelangelo Wind 3 LLC | IPP | Michelangelo Wind 3 LLC | IA | 59053 | WT1 | 3.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 3.0 |
| 2016 | 2 | 59025 | Optimum Wind 3 LLC | IPP | Optimum Wind 3 LLC | IA | 59227 | WT1 | 3.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 3.0 |
| 2016 | 2 | 59024 | Optimum Wind 4 LLC | IPP | Optimum Wind 4 LLC | IA | 59226 | WT1 | 3.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 3.0 |
| 2016 | 2 | 59017 | Optimum Wind 5 LLC | IPP | Optimum Wind 5 LLC | IA | 59223 | WT1 | 3.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 3.0 |
| 2016 | 2 | 59018 | Optimum Wind 6 LLC | IPP | Optimum Wind 6 LLC | IA | 59224 | WT1 | 3.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 3.0 |
| 2016 | 2 | 59019 | Optimum Wind 7 LLC | IPP | Optimum Wind 7 LLC | IA | 59225 | WT1 | 3.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 3.0 |
| 2016 | 2 | 58417 | Panda Liberty O&M LLC | IPP | Panda Liberty Generation Plant | PA | 58420 | GEN2 | 382.5 | Natural Gas Fired Combined Cycle | NG | CC | (U) Under construction, less than or equal to 50 percent complete | 435.0 |
| 2016 | 2 | 59021 | Venus Wind 3 LLC | IPP | Venus Wind 3 LLC | IA | 59230 | WT1 | 3.0 | Onshore Wind Turbine | WND | WT | (V) Under construction, more than 50 percent complete | 3.0 |
| 2016 | 3 | 57277 | Hidden Hills Solar I LLC | IPP | Hidden Hills Solar Plant 1 | CA | 57905 | 1 | 250.0 | Solar Thermal without Energy Storage | SUN | ST | (L) Regulatory approvals pending. Not under construction | 250.0 |
| 2016 | 3 | 58684 | Hop Bottom Energy LLC | IPP | Hop Bottom | PA | 58800 | GEN1 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 3 | 58684 | Hop Bottom Energy LLC | IPP | Hop Bottom | PA | 58800 | GEN2 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 3 | 58684 | Hop Bottom Energy LLC | IPP | Hop Bottom | PA | 58800 | GEN3 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 3 | 58684 | Hop Bottom Energy LLC | IPP | Hop Bottom | PA | 58800 | GEN4 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 3 | 58684 | Hop Bottom Energy LLC | IPP | Hop Bottom | PA | 58800 | GEN5 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 3 | 58901 | Hydro Green Energy | IPP | Braddock Lock and Dam | PA | 59091 | GEN1 | 5.3 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 5.3 |
| 2016 | 3 | 58689 | Milan Energy LLC | IPP | Milan | PA | 58818 | GEN1 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 3 | 58689 | Milan Energy LLC | IPP | Milan | PA | 58818 | GEN2 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 3 | 58689 | Milan Energy LLC | IPP | Milan | PA | 58818 | GEN3 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 3 | 58689 | Milan Energy LLC | IPP | Milan | PA | 58818 | GEN4 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 3 | 58689 | Milan Energy LLC | IPP | Milan | PA | 58818 | GEN5 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 3 | 9436 | Mosaic Phosphates Co. | Industrial | Mosaic Phosphates Uncle Sam | LA | 10198 | GEN3 | 15.0 | All Other | OTH | ST | (L) Regulatory approvals pending. Not under construction | 15.0 |
| 2016 | 3 | 58421 | Panda Patriot O&M LLC | IPP | Panda Patriot Generation Plant | PA | 58426 | GEN1 | 382.5 | Natural Gas Fired Combined Cycle | NG | CC | (U) Under construction, less than or equal to 50 percent complete | 435.0 |
| 2016 | 3 | 15473 | Public Service Co of NM | Electric Utility | La Luz Energy Center | NM | 58284 | 0001 | 40.2 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 42.3 |
| 2016 | 3 | 59056 | Tri Global Energy, LLC | IPP | Hale Community Wind Farm | TX | 59247 | HALE1 | 240.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 240.0 |
| 2016 | 4 | 40577 | American Mun Power-Ohio, Inc | Electric Utility | Smithland Hydroelectric Plant | KY | 57400 | SG1 | 25.3 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 25.3 |

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code | Status | Nameplate Capacity (MW) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 4 | 57193 | K Road Moapa Solar LLC | IPP | K Road Moapa Solar | NV | 57859 | 1 | 250.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 250.0 |
| 2016 | 4 | 58838 | Parrey, LLC | IPP | Henrietta Solar Project | CA | 58975 | PV1 | 102.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 102.0 |
| 2016 | 4 | 58159 | Penn State University | Commercial | West Campus Steam Plant | PA | 58194 | WC 4 | 0.6 | Conventional Steam Coal | BIT | ST | (T) Regulatory approvals received. Not under construction | 3.5 |
| 2016 | 4 | 58159 | Penn State University | Commercial | West Campus Steam Plant | PA | 58194 | WC 5 | 0.6 | Conventional Steam Coal | BIT | ST | (T) Regulatory approvals received. Not under construction | 3.5 |
| 2016 | 4 | 56709 | Turning Point Solar LLC | IPP | Turning Point Solar | OH | 57371 | TPS52 | 14.9 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 14.9 |
| 2016 | 5 | 58603 | Aloha Solar Energy Fund I LLC | IPP | Aloha Solar Energy Fund 1 PK1 | HI | 58659 | PK-1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2016 | 5 | 14534 | City of Pasadena - (CA) | Electric Utility | Glenarm | CA | 422 | GT5 | 68.0 | Natural Gas Fired Combined Cycle | NG | CC | (U) Under construction, less than or equal to 50 percent complete | 75.0 |
| 2016 | 5 | 5701 | El Paso Electric Co | Electric Utility | Montana Power Station | TX | 58562 | GT-3 | 100.0 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 100.0 |
| 2016 | 5 | 55932 | Georgia-Pacific Brewton LLC | Industrial | Georgia-Pacific Brewton Mill | AL | 54789 | 4TG | 62.0 | Wood/Wood Waste Biomass | BLQ | ST | (U) Under construction, less than or equal to 50 percent complete | 75.0 |
| 2016 | 5 | 59120 | Los Vientos Windpower IV, LLC | IPP | Los Vientos Windpower IV | TX | 59321 | GEN1 | 2.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 2.0 |
| 2016 | 5 | 58421 | Panda Patriot O&M LLC | IPP | Panda Patriot Generation Plant | PA | 58426 | GEN2 | 382.5 | Natural Gas Fired Combined Cycle | NG | CC | (U) Under construction, less than or equal to 50 percent complete | 435.0 |
| 2016 | 5 | 15248 | Portland General Electric Co | Electric Utility | Carty Generating Station | OR | 58503 | GEN1 | 500.0 | Natural Gas Fired Combined Cycle | NG | CC | (T) Regulatory approvals received. Not under construction | 500.0 |
| 2016 | 5 | 59109 | SUNE BEACON SITE 2, LLC | IPP | Beacon Solar Plant Site 2 | CA | 59309 | BEAC2 | 48.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 48.0 |
| 2016 | 5 | 19876 | Virginia Electric & Power Co | Electric Utility | Brunswick County Power Station | VA | 58260 | CT01 | 270.8 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 297.5 |
| 2016 | 5 | 19876 | Virginia Electric & Power Co | Electric Utility | Brunswick County Power Station | VA | 58260 | CT02 | 270.8 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 297.5 |
| 2016 | 5 | 19876 | Virginia Electric & Power Co | Electric Utility | Brunswick County Power Station | VA | 58260 | CT03 | 270.8 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 297.5 |
| 2016 | 5 | 19876 | Virginia Electric & Power Co | Electric Utility | Brunswick County Power Station | VA | 58260 | ST01 | 595.3 | Natural Gas Fired Combined Cycle | NG | CA | (L) Regulatory approvals pending. Not under construction | 579.7 |
| 2016 | 6 | 40577 | American Mun Power-Ohio, Inc | Electric Utility | Smithland Hydroelectric Plant | KY | 57400 | SG2 | 25.3 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 25.3 |
| 2016 | 6 | 59193 | Basswood Energy, LLC | IPP | Basswood Energy, LLC | PA | 59420 | GEN1 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 59193 | Basswood Energy, LLC | IPP | Basswood Energy, LLC | PA | 59420 | GEN2 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 59193 | Basswood Energy, LLC | IPP | Basswood Energy, LLC | PA | 59420 | GEN3 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 59193 | Basswood Energy, LLC | IPP | Basswood Energy, LLC | PA | 59420 | GEN4 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 59193 | Basswood Energy, LLC | IPP | Basswood Energy, LLC | PA | 59420 | GEN5 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 57421 | BayWa r.e Wind LLC | IPP | Chopin Wind LLC | OR | 59076 | WT1 | 10.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 10.0 |
| 2016 | 6 | 58685 | Beaver Dam Energy LLC | IPP | Beaver Dam | PA | 58811 | GEN1 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 58685 | Beaver Dam Energy LLC | IPP | Beaver Dam | PA | 58811 | GEN2 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 58685 | Beaver Dam Energy LLC | IPP | Beaver Dam | PA | 58811 | GEN3 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 58685 | Beaver Dam Energy LLC | IPP | Beaver Dam | PA | 58811 | GEN4 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 58685 | Beaver Dam Energy LLC | IPP | Beaver Dam | PA | 58811 | GEN5 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 56290 | CPV Vaca Station LLC | IPP | CPV Vaca Station LLC | CA | 56999 | CTG1 | 189.0 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 225.0 |
| 2016 | 6 | 56290 | CPV Vaca Station LLC | IPP | CPV Vaca Station LLC | CA | 56999 | CTG2 | 189.0 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 225.0 |
| 2016 | 6 | 56290 | CPV Vaca Station LLC | IPP | CPV Vaca Station LLC | CA | 56999 | STG | 198.0 | Natural Gas Fired Combined Cycle | NG | CA | (L) Regulatory approvals pending. Not under construction | 220.0 |
| 2016 | 6 | 918 | City of Aspen- (CO) | Electric Utility | Castle Creek Hydroplant | CO | 56566 | 1 | 1.2 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 1.2 |
| 2016 | 6 | 58907 | Dobbins Mill Farm | IPP | Dobbins Mill Farm | NC | 59101 | 1 | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2016 | 6 | 58889 | Dominion Cove Point LNG, LP | Commercial | Cove Point LNG Terminal | MD | 59073 | 5EG | 1.0 | Petroleum Liquids | DFO | IC | (L) Regulatory approvals pending. Not under construction | 1.0 |
| 2016 | 6 | 5860 | Empire District Electric Co | Electric Utility | Riverton | KS | 1239 | 12-2 | 138.0 | Natural Gas Fired Combined Cycle | NG | CT | (U) Under construction, less than or equal to 50 percent complete | 250.0 |
| 2016 | 6 | 58765 | FGE Texas I LLC | IPP | FGE Texas I | TX | 58931 | CA1 | 388.9 | Natural Gas Fired Combined Cycle | NG | CA | (L) Regulatory approvals pending. Not under construction | 382.5 |
| 2016 | 6 | 58765 | FGE Texas I LLC | IPP | FGE Texas I | TX | 58931 | GT1 | 219.7 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 208.3 |
| 2016 | 6 | 58765 | FGE Texas I LLC | IPP | FGE Texas I | TX | 58931 | GT2 | 219.7 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 208.3 |
| 2016 | 6 | 58766 | FGE Texas II LLC | IPP | FGE Texas II | TX | 58930 | CA1 | 388.9 | Natural Gas Fired Combined Cycle | NG | CA | (L) Regulatory approvals pending. Not under construction | 382.5 |
| 2016 | 6 | 58766 | FGE Texas II LLC | IPP | FGE Texas II | TX | 58930 | GT1 | 219.7 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 208.3 |
| 2016 | 6 | 58766 | FGE Texas II LLC | IPP | FGE Texas II | TX | 58930 | GT2 | 219.7 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 208.3 |
| 2016 | 6 | 59155 | First Wind O&M, LLC | IPP | Hancock Wind Plant | ME | 58686 | HANC1 | 51.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 51.0 |
| 2016 | 6 | 58692 | Florey Knob LLC | IPP | Florey Knobb | PA | 58821 | GEN1 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 58692 | Florey Knob LLC | IPP | Florey Knobb | PA | 58821 | GEN2 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 58692 | Florey Knob LLC | IPP | Florey Knobb | PA | 58821 | GEN3 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 58692 | Florey Knob LLC | IPP | Florey Knobb | PA | 58821 | GEN4 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 58692 | Florey Knob LLC | IPP | Florey Knobb | PA | 58821 | GEN5 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 6452 | Florida Power & Light Co | Electric Utility | Port Everglades | FL | 617 | 5A | 1,260.0 | Natural Gas Fired Combined Cycle | NG | CT | (T) Regulatory approvals received. Not under construction | 296.0 |
| 2016 | 6 | 6452 | Florida Power & Light Co | Electric Utility | Port Everglades | FL | 617 | 5B | | Natural Gas Fired Combined Cycle | NG | CT | (T) Regulatory approvals received. Not under construction | 296.0 |
| 2016 | 6 | 6452 | Florida Power & Light Co | Electric Utility | Port Everglades | FL | 617 | 5C | | Natural Gas Fired Combined Cycle | NG | CT | (T) Regulatory approvals received. Not under construction | 296.0 |
| 2016 | 6 | 6452 | Florida Power & Light Co | Electric Utility | Port Everglades | FL | 617 | 5ST | | Natural Gas Fired Combined Cycle | NG | CA | (T) Regulatory approvals received. Not under construction | 464.0 |
| 2016 | 6 | 58909 | Fremont Farm LLC | IPP | Fremont Farm | NC | 59103 | 1 | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2016 | 6 | 58409 | Future Power PA | IPP | Good Spring NGCC | PA | 58409 | HRSG1 | 108.0 | Natural Gas Fired Combined Cycle | NG | CC | (P) Planned for installation, but regulatory approvals not initiated | 108.0 |
| 2016 | 6 | 10171 | Kentucky Utilities Co | Electric Utility | E W Brown | KY | 1355 | SOLAR | 10.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 10.0 |
| 2016 | 6 | 54888 | NRG Texas Power LLC | IPP | P H Robinson | TX | 3466 | PHR6 | 60.0 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 71.2 |
| 2016 | 6 | 58588 | National Solar Power Partners LLC | IPP | Hardee County Solar Farms 1 LLC | FL | 58637 | HCSF1 | 20.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2016 | 6 | 14624 | PUD No 2 of Grant County | Electric Utility | Wanapum | WA | 3888 | 8A | 122.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 122.0 |
| 2016 | 6 | 56895 | Pio Pico Energy Center LLC | IPP | Pio Pico Energy Center | CA | 57555 | CTG1 | 101.0 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 100.0 |
| 2016 | 6 | 56895 | Pio Pico Energy Center LLC | IPP | Pio Pico Energy Center | CA | 57555 | CTG2 | 101.0 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 100.0 |
| 2016 | 6 | 56895 | Pio Pico Energy Center LLC | IPP | Pio Pico Energy Center | CA | 57555 | CTG3 | 101.0 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 100.0 |
| 2016 | 6 | 59194 | Purdys Run Energy, LLC | IPP | Purdys Run Energy, LLC | WV | 59419 | GEN1 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 59194 | Purdys Run Energy, LLC | IPP | Purdys Run Energy, LLC | WV | 59419 | GEN2 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 59194 | Purdys Run Energy, LLC | IPP | Purdys Run Energy, LLC | WV | 59419 | GEN3 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 59194 | Purdys Run Energy, LLC | IPP | Purdys Run Energy, LLC | WV | 59419 | GEN4 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 59194 | Purdys Run Energy, LLC | IPP | Purdys Run Energy, LLC | WV | 59419 | GEN5 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 56640 | Rice Solar Energy LLC | Commercial | Rice Solar Energy | CA | 57276 | RSE1 | 150.0 | Solar Thermal with Energy Storage | SUN | CP | (L) Regulatory approvals pending. Not under construction | 170.0 |
| 2016 | 6 | 58914 | Roady Lane Farm LLC | IPP | Roady Lane Farm LLC | NC | 59108 | 1 | 74.8 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 74.8 |
| 2016 | 6 | 58691 | Shippenville Energy LLC | IPP | Shippenville | PA | 58820 | GEN1 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 58691 | Shippenville Energy LLC | IPP | Shippenville | PA | 58820 | GEN2 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 58691 | Shippenville Energy LLC | IPP | Shippenville | PA | 58820 | GEN3 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 58691 | Shippenville Energy LLC | IPP | Shippenville | PA | 58820 | GEN4 | 4.4 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 58691 | Shippenville Energy LLC | IPP | Shippenville | PA | 58820 | GEN5 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 6 | 57109 | St Joseph Energy Center LLC | IPP | St Joseph Energy Center | IN | 57794 | 2 | 642.0 | Natural Gas Fired Combined Cycle | NG | CC | (L) Regulatory approvals pending. Not under construction | 670.0 |
| 2016 | 6 | 58723 | Warsaw Farm LLC | IPP | Warsaw Farm | NC | 58848 | 1 | 80.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 80.0 |
| 2016 | 6 | 58917 | West Salisbury Farm LLC | IPP | West Salisbury Farm LLC | NC | 59111 | 1 | 5.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2016 | 7 | 40577 | American Mun Power-Ohio, Inc | Electric Utility | Smithland Hydroelectric Plant | KY | 57400 | SG3 | 25.3 | Conventional Hydroelectric | WAT | HY | (V) Under construction, more than 50 percent complete | 25.3 |
| 2016 | 7 | 56615 | First Solar Energy LLC | IPP | Silver State Solar Power South | NV | 58644 | SSS | 286.8 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 286.8 |
| 2016 | 7 | 56615 | First Solar Energy LLC | IPP | Stateline Solar | NV | 58646 | STL | 299.5 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 299.5 |
| 2016 | 7 | 59112 | Hecate Energy Beacon Solar 1, LLC | IPP | Hecate Energy Beacon Solar 1 | CA | 59315 | BEAC1 | 56.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 56.0 |
| 2016 | 7 | 59113 | Hecate Energy Beacon Solar 3, LLC | IPP | Hecate Energy Beacon Solar 3 | CA | 59316 | BEAC3 | 56.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 56.0 |
| 2016 | 7 | 59114 | Hecate Energy Beacon Solar 4, LLC | IPP | Hecate Energy Beacon Solar 4 | CA | 59317 | BEAC4 | 50.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 50.0 |
| 2016 | 7 | 58489 | OCI Solar Power | IPP | OCI Alamo 6 LLC | TX | 59206 | OCIA6 | 110.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 110.0 |
| 2016 | 7 | 59110 | SUNE BEACON SITE 5, LLC | IPP | Beacon Solar Plant Site 5 | CA | 59308 | BEAC5 | 40.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 40.0 |
| 2016 | 7 | 2518 | U S Bureau of Reclamation | Electric Utility | Black Canyon | ID | 6396 | 3 | 12.5 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 12.5 |
| 2016 | 8 | 56814 | Black Creek Renewable Energy LLC | IPP | Sampson County Landfill | NC | 57492 | GEN8 | 1.6 | Landfill Gas | LFG | IC | (V) Under construction, more than 50 percent complete | 1.6 |
| 2016 | 8 | 4329 | Copper Valley Elec Assn, Inc | Electric Utility | Allison Creek Hydro | AK | 58982 | GEN1 | 6.5 | Conventional Hydroelectric | WAT | HY | (T) Regulatory approvals received. Not under construction | 6.5 |
| 2016 | 8 | 58489 | OCI Solar Power | IPP | OCI Alamo 7 LLC | TX | 59207 | OCIA7 | 100.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2016 | 9 | 58686 | Alpaca Energy LLC | IPP | Alpaca | PA | 58813 | GEN1 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 9 | 58686 | Alpaca Energy LLC | IPP | Alpaca | PA | 58813 | GEN2 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code | Status | Nameplate Capacity (MW) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 9 | 58686 | Alpaca Energy LLC | IPP | Alpaca | PA | 58813 | GEN3 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 9 | 58686 | Alpaca Energy LLC | IPP | Alpaca | PA | 58813 | GEN4 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 9 | 58686 | Alpaca Energy LLC | IPP | Alpaca | PA | 58813 | GEN5 | 4.2 | Other Natural Gas | NG | IC | (L) Regulatory approvals pending. Not under construction | 4.4 |
| 2016 | 9 | 58642 | East Kapolei Solar LLC | IPP | EKS Solar Farm | HI | 58705 | PV1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2016 | 9 | 59161 | Great Bay Wind I, LLC | IPP | Great Bay Wind Energy Center | MD | 59385 | GEN1 | 150.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 150.0 |
| 2016 | 9 | 59137 | Palmer Renewable Energy | IPP | Palmer Renewable Energy | MA | 59336 | PRE | 42.0 | Wood/Wood Waste Biomass | WDS | ST | (T) Regulatory approvals received. Not under construction | 42.0 |
| 2016 | 9 | 58968 | RE Mustang LLC | IPP | RE Mustang LLC | CA | 59150 | PV1 | 100.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2016 | 10 | 5906 | EDF Renewable Services Inc | IPP | Spinning Spur Wind III | TX | 58775 | GEN1 | 161.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 161.0 |
| 2016 | 10 | 58970 | Ecoplexus, Inc | IPP | Watson Seed Farm PV1 | NC | 59153 | WAT1 | 20.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 20.0 |
| 2016 | 10 | 59155 | First Wind O&M, LLC | IPP | Enterprise Solar, LLC | UT | 59386 | ENTS1 | 80.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 80.0 |
| 2016 | 10 | 59155 | First Wind O&M, LLC | IPP | Escalante Solar I, LLC | UT | 59387 | ESCS1 | 80.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 80.0 |
| 2016 | 10 | 59155 | First Wind O&M, LLC | IPP | Escalante Solar II, LLC | UT | 59388 | ESCS2 | 80.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 80.0 |
| 2016 | 10 | 59155 | First Wind O&M, LLC | IPP | Escalante Solar III, LLC | UT | 59389 | ESCS3 | 80.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 80.0 |
| 2016 | 10 | 58849 | Mariah North West LLC | IPP | Mariah Renewable Energy Center Phase 3 | TX | 59006 | MARN | 80.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 168.0 |
| 2016 | 10 | 56987 | RRE Austin Solar LLC | IPP | Pflugerville Solar Farm | TX | 57659 | PSF | 60.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 60.0 |
| 2016 | 10 | 58381 | Troutdale Energy Center LLC | IPP | Troutdale Energy Center | OR | 58396 | PLGEN | 652.0 | Natural Gas Fired Combined Cycle | NG | CC | (P) Planned for installation, but regulatory approvals not initiated | 652.0 |
| 2016 | 10 | 54842 | WM Renewable Energy LLC | IPP | Waste Mangement Redwood LFGTE | CA | 59299 | RED1 | 2.0 | Landfill Gas | LFG | IC | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2016 | 10 | 54842 | WM Renewable Energy LLC | IPP | Waste Mangement Redwood LFGTE | CA | 59299 | RED2 | 2.0 | Landfill Gas | LFG | IC | (L) Regulatory approvals pending. Not under construction | 2.0 |
| 2016 | 10 | 57028 | West Butte Wind Power LLC | IPP | West Butte Wind Power Project | OR | 57704 | WB-1 | 80.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 80.0 |
| 2016 | 11 | 58574 | Canton Mountain Wind LLC | IPP | Canton Mountain Wind | ME | 58620 | 1 | 22.8 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 22.8 |
| 2016 | 11 | 8723 | City of Holland | Electric Utility | Holland Energy Park | MI | 59093 | 10 | 43.1 | Natural Gas Fired Combined Cycle | NG | CT | (U) Under construction, less than or equal to 50 percent complete | 53.1 |
| 2016 | 11 | 8723 | City of Holland | Electric Utility | Holland Energy Park | MI | 59093 | 11 | 43.1 | Natural Gas Fired Combined Cycle | NG | CT | (U) Under construction, less than or equal to 50 percent complete | 53.1 |
| 2016 | 11 | 8723 | City of Holland | Electric Utility | Holland Energy Park | MI | 59093 | 12 | 40.9 | Natural Gas Fired Combined Cycle | NG | CA | (U) Under construction, less than or equal to 50 percent complete | 43.2 |
| 2016 | 11 | 57341 | Foster Wheeler Twin Cities | Electric CHP | Univ Minnesota CHP Plant | MN | 59197 | CTG-1 | 17.0 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 21.0 |
| 2016 | 11 | 58451 | McCoy Solar, LLC | IPP | McCoy Solar Energy Project | CA | 58462 | 1 | 250.0 | Solar Photovoltaic | SUN | PV | (U) Under construction, less than or equal to 50 percent complete | 250.0 |
| 2016 | 12 | 58794 | American Wind Energy Management Corp. | IPP | Sangamon Wind One LLC | IL | 58925 | SAN1 | 35.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 35.0 |
| 2016 | 12 | 58794 | American Wind Energy Management Corp. | IPP | Sangamon Wind Two LLC | IL | 58926 | SAN2 | 50.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 50.0 |
| 2016 | 12 | 57003 | Arlington Valley Solar Energy LLC | IPP | Arlington Valley Solar Energy I | AZ | 57679 | AVSE1 | 125.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 127.0 |
| 2016 | 12 | 58998 | Chapman Ranch Wind LLC | IPP | Chapman Ranch Wind I | TX | 59193 | CHA1 | 350.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 350.0 |
| 2016 | 12 | 58792 | ClearVista Energy LLC | IPP | ClearVista Solar and Wind Farm | CA | 58922 | CVPV | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2016 | 12 | 58792 | ClearVista Energy LLC | IPP | ClearVista Solar and Wind Farm | CA | 58922 | CVWT | 19.5 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 19.5 |
| 2016 | 12 | 58840 | Copenhagen Wind Farm, LLC | IPP | Copenhagen Wind Farm | NY | 58979 | CPHGN | 79.9 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 79.9 |
| 2016 | 12 | 57406 | Deepwater Wind Block Island LLC | IPP | Block Island Wind Farm | RI | 58035 | BIWF | 29.3 | Offshore Wind Turbine | WND | WS | (L) Regulatory approvals pending. Not under construction | 30.0 |
| 2016 | 12 | 58889 | Dominion Cove Point LNG, LP | Commercial | Cove Point LNG Terminal | MD | 59073 | 5STA | 40.0 | All Other | WH | CA | (L) Regulatory approvals pending. Not under construction | 65.0 |
| 2016 | 12 | 58889 | Dominion Cove Point LNG, LP | Commercial | Cove Point LNG Terminal | MD | 59073 | 5STB | 40.0 | All Other | WH | CA | (L) Regulatory approvals pending. Not under construction | 65.0 |
| 2016 | 12 | 58672 | Everpower Wind Holdings Inc | IPP | Allegany Wind Farm | NY | 58779 | 1 | 72.5 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 72.5 |
| 2016 | 12 | 58672 | Everpower Wind Holdings Inc | IPP | Cassadaga Wind Farm | NY | 58777 | 1 | 125.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 125.0 |
| 2016 | 12 | 58672 | Everpower Wind Holdings Inc | IPP | Coyote Crest Wind Farm | WA | 58778 | 1 | 126.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 126.0 |
| 2016 | 12 | 58672 | Everpower Wind Holdings Inc | IPP | Scioto Ridge Wind Farm | OH | 58780 | 1 | 300.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 300.0 |
| 2016 | 12 | 59155 | First Wind O&M, LLC | IPP | Bowers Wind Project | ME | 57088 | 1 | 48.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 48.0 |
| 2016 | 12 | 59155 | First Wind O&M, LLC | IPP | Milford Wind Corridor Phase III | UT | 57546 | 1 | 100.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 100.0 |
| 2016 | 12 | 59155 | First Wind O&M, LLC | IPP | Mililani South PV | HI | 58281 | 1 | 20.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 20.0 |
| 2016 | 12 | 58146 | Gaelectric LLC | IPP | Jawbone Wind Project | MT | 58175 | JWP1 | 131.1 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 131.1 |
| 2016 | 12 | 56983 | Gibson County Generation LLC | IPP | Gibson County Generation Station | TN | 57709 | 1 | 371.0 | Natural Gas Fired Combined Cycle | NG | CC | (P) Planned for installation, but regulatory approvals not initiated | 432.0 |
| 2016 | 12 | 58623 | Grande Prairie Wind, LLC | IPP | Grande Prairie Wind Farm | NE | 58695 | 1 | 400.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 400.0 |
| 2016 | 12 | 58695 | Heliosage LLC | IPP | Fusion Solar Center LLC | CT | 58876 | PV | 20.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 20.0 |
| 2016 | 12 | 56946 | Hidalgo Wind Farm LLC | IPP | Hidalgo Wind Farm LLC | TX | 57617 | GEN1 | 150.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 150.0 |
| 2016 | 12 | 57278 | Hidden Hills Solar II LLC | IPP | Hidden Hills Solar Plant 2 | CA | 57906 | 1 | 250.0 | Solar Thermal without Energy Storage | SUN | ST | (L) Regulatory approvals pending. Not under construction | 250.0 |
| 2016 | 12 | 15399 | Iberdrola Renewables Inc | IPP | Dolan Springs | AZ | 57920 | 1 | 300.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 300.0 |
| 2016 | 12 | 15399 | Iberdrola Renewables Inc | IPP | Tule Wind LLC | CA | 57913 | 1 | 143.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 143.0 |
| 2016 | 12 | 50123 | Infigen Asset Management LLC | IPP | Aragonne Solar LLC | NM | 59252 | PV1 | 38.4 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 40.0 |
| 2016 | 12 | 50123 | Infigen Asset Management LLC | IPP | Caprock Solar LLC | NM | 59251 | PV1 | 24.4 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 25.0 |
| 2016 | 12 | 50123 | Infigen Asset Management LLC | IPP | Rio Bravo Solar II LLC | CA | 59250 | PV1 | 19.5 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 20.0 |
| 2016 | 12 | 58688 | Kelly Energy LLC | IPP | Kelly | PA | 58817 | GEN1 | 3.0 | Other Natural Gas | NG | IC | (P) Planned for installation, but regulatory approvals not initiated | 3.3 |
| 2016 | 12 | 58688 | Kelly Energy LLC | IPP | Kelly | PA | 58817 | GEN2 | 3.0 | Other Natural Gas | NG | IC | (P) Planned for installation, but regulatory approvals not initiated | 3.3 |
| 2016 | 12 | 55910 | Lanai Sustainability Research LLC | IPP | Mililani South Solar Farm | HI | 57242 | 1 | 5.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 5.0 |
| 2016 | 12 | 49736 | Loring Holdings, LLC | Electric CHP | Loring Power Plant | ME | 56105 | GTG1 | 37.0 | Natural Gas Fired Combined Cycle | NG | CT | (T) Regulatory approvals received. Not under construction | 50.0 |
| 2016 | 12 | 49736 | Loring Holdings, LLC | Electric CHP | Loring Power Plant | ME | 56105 | STG1 | 18.0 | Natural Gas Fired Combined Cycle | NG | CA | (T) Regulatory approvals received. Not under construction | 30.0 |
| 2016 | 12 | 58371 | NextEra Blythe Solar Energy Center, LLC | IPP | Blythe Solar Power Project | CA | 57273 | 3 | 232.0 | Solar Thermal without Energy Storage | SUN | ST | (P) Planned for installation, but regulatory approvals not initiated | 273.4 |
| 2016 | 12 | 58371 | NextEra Blythe Solar Energy Center, LLC | IPP | Blythe Solar Power Project | CA | 57273 | A | 125.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 125.0 |
| 2016 | 12 | 58371 | NextEra Blythe Solar Energy Center, LLC | IPP | Blythe Solar Power Project | CA | 57273 | B | 125.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 125.0 |
| 2016 | 12 | 58371 | NextEra Blythe Solar Energy Center, LLC | IPP | Blythe Solar Power Project | CA | 57273 | C | 125.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 125.0 |
| 2016 | 12 | 58371 | NextEra Blythe Solar Energy Center, LLC | IPP | Blythe Solar Power Project | CA | 57273 | D | 110.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 110.0 |
| 2016 | 12 | 56935 | Number Nine Wind Farm LLC | IPP | Number Nine Wind Farm | ME | 57612 | GEN1 | 250.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 250.0 |
| 2016 | 12 | 56676 | Panoche Valley Solar LLC | IPP | Panoche Valley Solar Farm | CA | 57340 | 1 | 399.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 399.0 |
| 2016 | 12 | 56545 | Pattern Operators LP | IPP | Majestic 2 Wind Farm | TX | 56658 | 1 | 79.2 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 79.2 |
| 2016 | 12 | 56545 | Pattern Operators LP | IPP | Ripley Westfield Wind LLC | NY | 57193 | WTG | 75.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 75.0 |
| 2016 | 12 | 56545 | Pattern Operators LP | IPP | Texas Gulf Wind 2 | TX | 56662 | 1 | 187.2 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 187.2 |
| 2016 | 12 | 58626 | Paynesville Wind, LLC | IPP | Paynesville Wind Farm | MN | 58693 | 1 | 95.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 95.0 |
| 2016 | 12 | 58843 | Searchlight Wind Energy LLC | IPP | Searchlight Wind | NV | 58988 | 1 | 200.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 200.0 |
| 2016 | 12 | 58579 | Silverado Power | IPP | Western Antelope Dry Ranch | CA | 58627 | WADR | 10.0 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 10.0 |
| 2016 | 12 | 57331 | Soitec Solar Development LLC | IPP | LanEast Solar Farm LLC | CA | 57957 | 1 | 20.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 20.0 |
| 2016 | 12 | 57331 | Soitec Solar Development LLC | IPP | LanWest Solar Farm LLC | CA | 57958 | 1 | 5.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 5.0 |
| 2016 | 12 | 57331 | Soitec Solar Development LLC | IPP | Rugged Solar LLC | CA | 57960 | 1 | 80.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 80.0 |
| 2016 | 12 | 57331 | Soitec Solar Development LLC | IPP | Tierra Del Sol Solar Farm LLC | CA | 57961 | 1 | 45.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 45.0 |
| 2016 | 12 | 59080 | Soleil Energy Solutions, LLC | IPP | Westside Solar Farm | NC | 59258 | WEST1 | 4.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 4.0 |
| 2016 | 12 | 2782 | Terra-Gen Operating Company | IPP | Dixie Valley Power Partnership | NV | 10681 | GEN1 | 25.0 | Geothermal | GEO | ST | (P) Planned for installation, but regulatory approvals not initiated | 28.0 |
| 2016 | 12 | 59056 | Tri Global Energy, LLC | IPP | Changing Winds | TX | 59243 | CHAN1 | 288.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 288.0 |
| 2016 | 12 | 59056 | Tri Global Energy, LLC | IPP | Fluvanna | TX | 59245 | FLUV1 | 240.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 240.0 |
| 2016 | 12 | 59056 | Tri Global Energy, LLC | IPP | Goodnight | TX | 59246 | GOOD1 | 240.0 | Onshore Wind Turbine | WND | WT | (U) Under construction, less than or equal to 50 percent complete | 240.0 |
| 2016 | 12 | 59056 | Tri Global Energy, LLC | IPP | Hale Community Wind Farm | TX | 59247 | HALE2 | 240.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 240.0 |
| 2016 | 12 | 56709 | Turning Point Solar LLC | IPP | Turning Point Solar | OH | 57371 | TPS50 | 49.9 | Solar Photovoltaic | SUN | PV | (T) Regulatory approvals received. Not under construction | 49.9 |
| 2016 | 12 | 56709 | Turning Point Solar LLC | IPP | Turning Point Solar | OH | 57371 | TPS51 | 15.0 | Solar Photovoltaic | SUN | PV | (L) Regulatory approvals pending. Not under construction | 15.0 |
| 2016 | 12 | 19316 | Two Elk Generation Partners LP | IPP | Two Elk Generating Station | WY | 55360 | GEN1 | 275.0 | Conventional Steam Coal | WC | ST | (U) Under construction, less than or equal to 50 percent complete | 320.0 |
| 2016 | 12 | 58624 | Walnut Ridge Wind, LLC | IPP | Walnut Ridge Wind Farm | IL | 58694 | 1 | 210.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 210.0 |
| 2017 | 1 | 2087 | Bowie Power Station LLC | Electric CHP | Bowie Power Station LLC | AZ | 55780 | CT1 | 172.0 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 172.0 |
| 2017 | 1 | 2087 | Bowie Power Station LLC | Electric CHP | Bowie Power Station LLC | AZ | 55780 | CT2 | 172.0 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 172.0 |
| 2017 | 1 | 39347 | East Texas Electric Coop, Inc | Electric Utility | RC Thomas Hydroelectric Project | TX | 58645 | RCT1 | 8.7 | Conventional Hydroelectric | WAT | HY | (T) Regulatory approvals received. Not under construction | 8.9 |
| 2017 | 1 | 39347 | East Texas Electric Coop, Inc | Electric Utility | RC Thomas Hydroelectric Project | TX | 58645 | RCT2 | 8.7 | Conventional Hydroelectric | WAT | HY | (T) Regulatory approvals received. Not under construction | 8.9 |
| 2017 | 1 | 39347 | East Texas Electric Coop, Inc | Electric Utility | RC Thomas Hydroelectric Project | TX | 58645 | RCT3 | 8.7 | Conventional Hydroelectric | WAT | HY | (T) Regulatory approvals received. Not under construction | 8.9 |

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code | Status | Nameplate Capacity (MW) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2017 | 1 | 18454 | Tampa Electric Co | Electric Utility | Polk | FL | 7242 | 2CC | 459.0 | Natural Gas Fired Combined Cycle | NG | CC | (U) Under construction, less than or equal to 50 percent complete | 463.0 |
| 2017 | 1 | 20159 | Washington Parish Engy Ctr LLC | IPP | Washington Parish Energy Center | LA | 55486 | CTG1 | 172.0 | Natural Gas Fired Combined Cycle | NG | CT | (V) Under construction, more than 50 percent complete | 200.0 |
| 2017 | 1 | 20159 | Washington Parish Engy Ctr LLC | IPP | Washington Parish Energy Center | LA | 55486 | CTG2 | 172.0 | Natural Gas Fired Combined Cycle | NG | CT | (V) Under construction, more than 50 percent complete | 200.0 |
| 2017 | 1 | 20159 | Washington Parish Engy Ctr LLC | IPP | Washington Parish Energy Center | LA | 55486 | ST1 | 215.0 | Natural Gas Fired Combined Cycle | NG | CA | (V) Under construction, more than 50 percent complete | 255.0 |
| 2017 | 2 | 56031 | CPV Maryland LLC | IPP | CPV St Charles Energy Center | MD | 56846 | GTG1 | 205.0 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 215.0 |
| 2017 | 2 | 56031 | CPV Maryland LLC | IPP | CPV St Charles Energy Center | MD | 56846 | GTG2 | 205.0 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 215.0 |
| 2017 | 2 | 56031 | CPV Maryland LLC | IPP | CPV St Charles Energy Center | MD | 56846 | STGEN | 316.0 | Natural Gas Fired Combined Cycle | NG | CA | (L) Regulatory approvals pending. Not under construction | 316.0 |
| 2017 | 3 | 58889 | Dominion Cove Point LNG, LP | Commercial | Cove Point LNG Terminal | MD | 59073 | 5501 | 3.0 | Hydrokinetic | WAT | HA | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2017 | 3 | 58889 | Dominion Cove Point LNG, LP | Commercial | Cove Point LNG Terminal | MD | 59073 | 5502 | 1.3 | Hydrokinetic | WAT | HA | (L) Regulatory approvals pending. Not under construction | 1.3 |
| 2017 | 3 | 58889 | Dominion Cove Point LNG, LP | Commercial | Cove Point LNG Terminal | MD | 59073 | 5511 | 1.7 | Hydrokinetic | WAT | HA | (L) Regulatory approvals pending. Not under construction | 1.7 |
| 2017 | 3 | 59155 | First Wind O&M, LLC | IPP | Bingham Wind | ME | 57531 | 1 | 186.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 186.0 |
| 2017 | 3 | 49805 | Kennecott Utah Copper | Industrial | Kennecott Power Plant | UT | 56163 | 5CTG | 176.9 | Natural Gas Fired Combined Cycle | NG | CT | (U) Under construction, less than or equal to 50 percent complete | 207.9 |
| 2017 | 3 | 17539 | South Carolina Electric&Gas Company | Electric Utility | V C Summer | SC | 6127 | 2 | 1,100.0 | Nuclear | NUC | ST | (U) Under construction, less than or equal to 50 percent complete | 1,100.0 |
| 2017 | 4 | 7189 | Gila Bend Power Partners LLC | IPP | Gila Bend Power Generation Station | AZ | 55507 | 2 | 156.0 | Natural Gas Fired Combined Cycle | NG | CT | (P) Planned for installation, but regulatory approvals not initiated | 170.0 |
| 2017 | 4 | 7189 | Gila Bend Power Partners LLC | IPP | Gila Bend Power Generation Station | AZ | 55507 | 3 | 156.0 | Natural Gas Fired Combined Cycle | NG | CT | (P) Planned for installation, but regulatory approvals not initiated | 170.0 |
| 2017 | 4 | 7189 | Gila Bend Power Partners LLC | IPP | Gila Bend Power Generation Station | AZ | 55507 | 4 | 390.0 | Natural Gas Fired Combined Cycle | NG | CA | (P) Planned for installation, but regulatory approvals not initiated | 390.0 |
| 2017 | 4 | 7490 | Grand River Dam Authority | Electric Utility | GREC | OK | 165 | 3CT | 324.6 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 365.5 |
| 2017 | 4 | 7490 | Grand River Dam Authority | Electric Utility | GREC | OK | 165 | 3ST | 191.8 | Natural Gas Fired Combined Cycle | NG | CA | (L) Regulatory approvals pending. Not under construction | 204.0 |
| 2017 | 4 | 58848 | Green Energy Partners LLC | IPP | Stonewall | VA | 59004 | GEN1 | 230.0 | Natural Gas Fired Combined Cycle | NG | CT | (T) Regulatory approvals received. Not under construction | 232.0 |
| 2017 | 4 | 58848 | Green Energy Partners LLC | IPP | Stonewall | VA | 59004 | GEN3 | 314.0 | Natural Gas Fired Combined Cycle | NG | CA | (T) Regulatory approvals received. Not under construction | 338.0 |
| 2017 | 4 | 9273 | Indianapolis Power & Light Co | Electric Utility | Eagle Valley (IN) | IN | 991 | GT1 | 207.0 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 207.0 |
| 2017 | 4 | 9273 | Indianapolis Power & Light Co | Electric Utility | Eagle Valley (IN) | IN | 991 | GT2 | 207.0 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 207.0 |
| 2017 | 4 | 9273 | Indianapolis Power & Light Co | Electric Utility | Eagle Valley (IN) | IN | 991 | STG1 | 230.0 | Natural Gas Fired Combined Cycle | NG | CA | (L) Regulatory approvals pending. Not under construction | 230.0 |
| 2017 | 4 | 9417 | Interstate Power and Light Co | Electric Utility | Marshalltown Generating Station | IA | 58236 | CC1 | 646.0 | Natural Gas Fired Combined Cycle | NG | CC | (P) Planned for installation, but regulatory approvals not initiated | 870.0 |
| 2017 | 5 | 59111 | Crawford Renewable Energy, LLC | IPP | Crawford Renewable Energy - Meadville Power Station | PA | 59307 | MPS | 93.5 | All Other | TDF | ST | (U) Under construction, less than or equal to 50 percent complete | 99.5 |
| 2017 | 5 | 5701 | El Paso Electric Co | Electric Utility | Montana Power Station | TX | 58562 | GT-4 | 100.0 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 100.0 |
| 2017 | 5 | 58597 | Enivromission, Inc | IPP | La Paz Solar Tower | AZ | 58652 | 1 | 200.0 | Solar Thermal without Energy Storage | SUN | OT | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2017 | 5 | 58848 | Green Energy Partners LLC | IPP | Stonewall | VA | 59004 | GEN2 | 230.0 | Natural Gas Fired Combined Cycle | NG | CT | (T) Regulatory approvals received. Not under construction | 232.0 |
| 2017 | 5 | 59101 | NTE Texas, LLC | IPP | Pecan Creek Energy Center | TX | 59298 | PCEC1 | 250.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 250.0 |
| 2017 | 5 | 40229 | Old Dominion Electric Coop | Electric Utility | Wildcat Point | MD | 59220 | CT1 | | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 310.3 |
| 2017 | 5 | 40229 | Old Dominion Electric Coop | Electric Utility | Wildcat Point | MD | 59220 | CT2 | | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 310.3 |
| 2017 | 5 | 40229 | Old Dominion Electric Coop | Electric Utility | Wildcat Point | MD | 59220 | ST1 | | Natural Gas Fired Combined Cycle | NG | CA | (L) Regulatory approvals pending. Not under construction | 493.0 |
| 2017 | 6 | 56204 | CPV Valley LLC | IPP | CPV Valley Energy Center | NY | 56940 | CTG2 | 186.5 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 235.0 |
| 2017 | 6 | 56204 | CPV Valley LLC | IPP | CPV Valley Energy Center | NY | 56940 | STG | 305.0 | Natural Gas Fired Combined Cycle | NG | CA | (L) Regulatory approvals pending. Not under construction | 350.0 |
| 2017 | 6 | 7277 | Calpine Corporation | IPP | Wild Horse Power Plant | CA | 57181 | 1 | 40.0 | Geothermal | GEO | ST | (L) Regulatory approvals pending. Not under construction | 48.0 |
| 2017 | 6 | 58959 | Freeport LNG Development L.P | Industrial | Freeport LP Pretreatment Facility | TX | 59145 | 65GTG | 77.5 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 97.0 |
| 2017 | 6 | 57501 | NAES Salem Harbor | IPP | Salem Harbor | MA | 1626 | 5 | 340.0 | Natural Gas Fired Combined Cycle | NG | CC | (L) Regulatory approvals pending. Not under construction | 340.0 |
| 2017 | 6 | 57501 | NAES Salem Harbor | IPP | Salem Harbor | MA | 1626 | 6 | 340.0 | Natural Gas Fired Combined Cycle | NG | CC | (L) Regulatory approvals pending. Not under construction | 340.0 |
| 2017 | 6 | 14624 | PUD No 2 of Grant County | Electric Utility | Wanapum | WA | 3888 | 4A | 122.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 122.0 |
| 2017 | 6 | 55768 | RC Cape May Holdings LLC | IPP | B L England | NJ | 2378 | 4 | 244.0 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 281.0 |
| 2017 | 6 | 40192 | Shady Hills Power Co LLC | IPP | Shady Hills Generating Station | FL | 55414 | G401 | 200.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 259.0 |
| 2017 | 6 | 40192 | Shady Hills Power Co LLC | IPP | Shady Hills Generating Station | FL | 55414 | G501 | 200.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 259.0 |
| 2017 | 6 | 58960 | Timberline Energy LLC | IPP | Front Range Project | CO | 59143 | FR-2 | 1.5 | Landfill Gas | LFG | IC | (P) Planned for installation, but regulatory approvals not initiated | 1.6 |
| 2017 | 7 | 58758 | CPV Smyth Generation Company LLC | IPP | CPV Smyth Generation Company LLC | VA | 58878 | 1 | 653.0 | Natural Gas Fired Combined Cycle | NG | CC | (P) Planned for installation, but regulatory approvals not initiated | 782.0 |
| 2017 | 7 | 58409 | Future Power PA | IPP | Good Spring NGCC | PA | 58409 | GT1 | 335.0 | Natural Gas Fired Combined Cycle | NG | CC | (T) Regulatory approvals received. Not under construction | 346.0 |
| 2017 | 7 | 58762 | Sargas Texas, LLC | IPP | Stargate Point Comfort | TX | 58895 | STAR1 | 232.0 | Natural Gas Fired Combustion Turbine | NG | GT | (T) Regulatory approvals received. Not under construction | 250.0 |
| 2017 | 7 | 58878 | Watkins Glen Wind LLC | IPP | Watkins Glen Wind Energy Center | NY | 59041 | WGWEC | 100.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2017 | 8 | 56814 | Black Creek Renewable Energy LLC | IPP | Sampson County Landfill | NC | 57492 | GEN7 | 1.6 | Landfill Gas | LFG | IC | (P) Planned for installation, but regulatory approvals not initiated | 1.6 |
| 2017 | 8 | 58768 | Pondera Development LLC | IPP | CPV Pondera King Energy Center | TX | 58910 | CC | 836.0 | Natural Gas Fired Combined Cycle | NG | CC | (P) Planned for installation, but regulatory approvals not initiated | 900.0 |
| 2017 | 9 | 7277 | Calpine Corporation | IPP | Buckeye Geothermal Power Plant | CA | 57180 | 1 | 49.9 | Geothermal | GEO | ST | (L) Regulatory approvals pending. Not under construction | 56.9 |
| 2017 | 9 | 58804 | Lake Erie Energy Development Corp | IPP | Icebreaker Offshore Wind Farm | OH | 58941 | WTG1 | 3.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2017 | 9 | 58804 | Lake Erie Energy Development Corp | IPP | Icebreaker Offshore Wind Farm | OH | 58941 | WTG2 | 3.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2017 | 9 | 58804 | Lake Erie Energy Development Corp | IPP | Icebreaker Offshore Wind Farm | OH | 58941 | WTG3 | 3.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2017 | 9 | 58804 | Lake Erie Energy Development Corp | IPP | Icebreaker Offshore Wind Farm | OH | 58941 | WTG4 | 3.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2017 | 9 | 58804 | Lake Erie Energy Development Corp | IPP | Icebreaker Offshore Wind Farm | OH | 58941 | WTG5 | 3.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2017 | 9 | 58804 | Lake Erie Energy Development Corp | IPP | Icebreaker Offshore Wind Farm | OH | 58941 | WTG6 | 3.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 3.0 |
| 2017 | 10 | 56963 | Beaver Wood Energy Fair Haven, LLC | Electric CHP | Beaver Wood Energy Fair Haven, LLC | VT | 57634 | GEN1 | 29.5 | Other Waste Biomass | OBS | ST | (L) Regulatory approvals pending. Not under construction | 34.0 |
| 2017 | 11 | 803 | Arizona Public Service Co | Electric Utility | Ocotillo | AZ | 116 | GT3 | 104.7 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 161.9 |
| 2017 | 12 | 219 | Alaska Power and Telephone Co | Electric Utility | Mahoney Lake Hydroelectric | AK | 59027 | GEN 1 | 9.6 | Conventional Hydroelectric | WAT | HY | (L) Regulatory approvals pending. Not under construction | 9.6 |
| 2017 | 12 | 219 | Alaska Power and Telephone Co | Electric Utility | Reynolds Creek | AK | 59037 | GEN 1 | 5.0 | Conventional Hydroelectric | WAT | HY | (T) Regulatory approvals received. Not under construction | 5.0 |
| 2017 | 12 | 803 | Arizona Public Service Co | Electric Utility | Ocotillo | AZ | 116 | GT4 | 104.7 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 161.9 |
| 2017 | 12 | 2087 | Bowie Power Station LLC | IPP | Bowie Power Station LLC | AZ | 55780 | CT3 | 172.0 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 172.0 |
| 2017 | 12 | 2087 | Bowie Power Station LLC | IPP | Bowie Power Station LLC | AZ | 55780 | CT4 | 172.0 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 172.0 |
| 2017 | 12 | 2087 | Bowie Power Station LLC | Electric CHP | Bowie Power Station LLC | AZ | 55780 | ST1 | 181.0 | Natural Gas Fired Combined Cycle | NG | CA | (L) Regulatory approvals pending. Not under construction | 181.0 |
| 2017 | 12 | 2087 | Bowie Power Station LLC | Electric CHP | Bowie Power Station LLC | AZ | 55780 | ST2 | 181.0 | Natural Gas Fired Combined Cycle | NG | CA | (L) Regulatory approvals pending. Not under construction | 181.0 |
| 2017 | 12 | 56872 | Contra Costa Generating Station LLC | IPP | Oakley Generating Station | CA | 57552 | CT1 | 197.3 | Natural Gas Fired Combined Cycle | NG | CT | (U) Under construction, less than or equal to 50 percent complete | 222.3 |
| 2017 | 12 | 56872 | Contra Costa Generating Station LLC | IPP | Oakley Generating Station | CA | 57552 | CT2 | 197.3 | Natural Gas Fired Combined Cycle | NG | CT | (U) Under construction, less than or equal to 50 percent complete | 222.3 |
| 2017 | 12 | 56872 | Contra Costa Generating Station LLC | IPP | Oakley Generating Station | CA | 57552 | ST | 191.3 | Natural Gas Fired Combined Cycle | NG | CA | (U) Under construction, less than or equal to 50 percent complete | 227.7 |
| 2017 | 12 | 58672 | Everpower Wind Holdings Inc | IPP | Buckeye Wind Farm | OH | 58776 | 1 | 200.0 | Onshore Wind Turbine | WND | WT | (T) Regulatory approvals received. Not under construction | 200.0 |
| 2017 | 12 | 7140 | Georgia Power Co | Electric Utility | Vogtle | GA | 649 | 3 | 1,100.0 | Nuclear | NUC | ST | (U) Under construction, less than or equal to 50 percent complete | 1,100.0 |
| 2017 | 12 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Southern Owens Valley Solar Ranch | CA | 57304 | 1 | 200.0 | Solar Photovoltaic | SUN | PV | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2017 | 12 | 56941 | Meadow Lake Wind Farm V LLC | IPP | Meadow Lake Wind Farm V LLC | IN | 57628 | GEN1 | 100.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2017 | 12 | 56094 | Medicine Bow Fuel & Power LLC | IPP | Medicine Bow Fuel & Power LLC | WY | 56452 | 1 | 350.0 | Conventional Steam Coal | BIT | ST | (P) Planned for installation, but regulatory approvals not initiated | 350.0 |
| 2017 | 12 | 56949 | Paulding Wind Farm LLC | IPP | Paulding Wind Farm LLC | OH | 57611 | GEN1 | 49.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 49.0 |
| 2017 | 12 | 58842 | Power Company of Wyoming LLC | IPP | Chokecherry and Sierra Madre Wind | WY | 58987 | I-A | 687.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 687.0 |
| 2017 | 12 | 56424 | Quilt Block Wind Farm LLC | IPP | Quilt Block Wind Farm LLC | WI | 57116 | GEN 1 | 98.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 98.0 |
| 2018 | 1 | 56794 | CE Obsidian Energy LLC | IPP | Black Rock I | CA | 57477 | G3201 | 60.0 | Geothermal | GEO | ST | (L) Regulatory approvals pending. Not under construction | 70.0 |
| 2018 | 1 | 2719 | CalWind Resources Inc | IPP | Tehachapi Wind Resource II | CA | 54909 | PLAN | 15.5 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 15.5 |
| 2018 | 1 | 58763 | LotusWorks-Summit Ridge I, LLC | IPP | Summit Ridge I Wind Farm | OR | 58894 | SRWF | 151.8 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 151.8 |
| 2018 | 2 | 803 | Arizona Public Service Co | Electric Utility | Ocotillo | AZ | 116 | GT5 | 104.7 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 161.9 |
| 2018 | 3 | 803 | Arizona Public Service Co | Electric Utility | Ocotillo | AZ | 116 | GT6 | 104.7 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 161.9 |
| 2018 | 3 | 56794 | CE Obsidian Energy LLC | IPP | Black Rock II | CA | 57478 | G3202 | 60.0 | Geothermal | GEO | ST | (L) Regulatory approvals pending. Not under construction | 70.0 |
| 2018 | 3 | 58757 | Wheelabrator Frederick, LLC | IPP | Frederick-Carroll County Renewable Waste to Energy Facility | MD | 58875 | GEN1 | 47.0 | Municipal Solid Waste | MSW | ST | (T) Regulatory approvals received. Not under construction | 56.0 |
| 2018 | 4 | 803 | Arizona Public Service Co | Electric Utility | Ocotillo | AZ | 116 | GT7 | 104.7 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 161.9 |
| 2018 | 4 | 20421 | Western Minnesota Mun Pwr Agny | Electric Utility | Red Rock Hydro Plant | IA | 58434 | 1 | 27.5 | Conventional Hydroelectric | WAT | HY | (T) Regulatory approvals received. Not under construction | 18.2 |
| 2018 | 4 | 20421 | Western Minnesota Mun Pwr Agny | Electric Utility | Red Rock Hydro Plant | IA | 58434 | 2 | 27.5 | Conventional Hydroelectric | WAT | HY | (T) Regulatory approvals received. Not under construction | 18.2 |
| 2018 | 5 | 56794 | CE Obsidian Energy LLC | IPP | Black Rock III | CA | 57479 | G303 | 60.0 | Geothermal | GEO | ST | (L) Regulatory approvals pending. Not under construction | 70.0 |
| 2018 | 5 | 59123 | NTE Carolinas, LLC | IPP | Kings Mountain Energy Center | NC | 59325 | KMEC1 | 475.0 | Natural Gas Fired Combined Cycle | NG | CC | (P) Planned for installation, but regulatory approvals not initiated | 475.0 |

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code | Status | Nameplate Capacity (MW) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2018 | 5 | 59124 | NTE Ohio LLC | IPP | Middletown Energy Center | OH | 59326 | MEC1 | 525.0 | Natural Gas Fired Combined Cycle | NG | CC | (P) Planned for installation, but regulatory approvals not initiated | 525.0 |
| 2018 | 5 | 17539 | South Carolina Electric&Gas Company | Electric Utility | V C Summer | SC | 6127 | 3 | 1,100.0 | Nuclear | NUC | ST | (U) Under construction, less than or equal to 50 percent complete | 1,100.0 |
| 2018 | 6 | 2338 | Calpine Central LP | IPP | Mankato Energy Center | MN | 56104 | CTG1 | 200.0 | Natural Gas Fired Combined Cycle | NG | CT | (P) Planned for installation, but regulatory approvals not initiated | 210.0 |
| 2018 | 6 | 40215 | Cordova Electric Coop, Inc | Electric Utility | Orca | AK | 789 | 1 | 1.5 | Petroleum Liquids | DFO | IC | (L) Regulatory approvals pending. Not under construction | 1.5 |
| 2018 | 6 | 40215 | Cordova Electric Coop, Inc | Electric Utility | Orca | AK | 789 | 2 | 1.5 | Petroleum Liquids | DFO | IC | (L) Regulatory approvals pending. Not under construction | 1.5 |
| 2018 | 6 | 56534 | Cricket Valley Energy Center LLC | IPP | Cricket Valley Energy | NY | 57185 | U001 | 346.0 | Natural Gas Fired Combined Cycle | NG | CC | (P) Planned for installation, but regulatory approvals not initiated | 390.0 |
| 2018 | 6 | 56534 | Cricket Valley Energy Center LLC | IPP | Cricket Valley Energy | NY | 57185 | U002 | 346.0 | Natural Gas Fired Combined Cycle | NG | CC | (P) Planned for installation, but regulatory approvals not initiated | 390.0 |
| 2018 | 6 | 56534 | Cricket Valley Energy Center LLC | IPP | Cricket Valley Energy | NY | 57185 | U003 | 346.0 | Natural Gas Fired Combined Cycle | NG | CC | (P) Planned for installation, but regulatory approvals not initiated | 390.0 |
| 2018 | 6 | 14624 | PUD No 2 of Grant County | Electric Utility | Wanapum | WA | 3888 | 6A | 122.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 122.0 |
| 2018 | 6 | 19511 | University of Alaska | Commercial | University of Alaska Fairbanks | AK | 50711 | GEN5 | 17.0 | Conventional Steam Coal | SUB | ST | (P) Planned for installation, but regulatory approvals not initiated | 17.0 |
| 2018 | 7 | 58881 | Apex Bethel Energy Center | IPP | Apex Bethel Energy Center | TX | 59048 | ABEC1 | 158.5 | Natural Gas with Compressed Air Storage | NG | CE | (T) Regulatory approvals received. Not under construction | 158.5 |
| 2018 | 7 | 58881 | Apex Bethel Energy Center | IPP | Apex Bethel Energy Center | TX | 59048 | ABEC2 | 158.5 | Natural Gas with Compressed Air Storage | NG | CE | (T) Regulatory approvals received. Not under construction | 158.5 |
| 2018 | 7 | 49745 | Cash Creek Generating LLC | IPP | Cash Creek | KY | 56107 | CT1 | 301.5 | Natural Gas Fired Combined Cycle | NG | CT | (P) Planned for installation, but regulatory approvals not initiated | 319.5 |
| 2018 | 7 | 49745 | Cash Creek Generating LLC | IPP | Cash Creek | KY | 56107 | CT2 | 301.5 | Natural Gas Fired Combined Cycle | NG | CT | (P) Planned for installation, but regulatory approvals not initiated | 319.5 |
| 2018 | 7 | 49745 | Cash Creek Generating LLC | IPP | Cash Creek | KY | 56107 | ST | 187.0 | Natural Gas Fired Combined Cycle | NG | CA | (P) Planned for installation, but regulatory approvals not initiated | 187.0 |
| 2018 | 7 | 58798 | Shell Chemical Appalachia LLC | Industrial | Shell Chemical Appalachia LLC | PA | 58933 | GTG1 | 41.0 | Natural Gas Fired Combined Cycle | NG | CT | (P) Planned for installation, but regulatory approvals not initiated | 41.0 |
| 2018 | 7 | 58798 | Shell Chemical Appalachia LLC | Industrial | Shell Chemical Appalachia LLC | PA | 58933 | GTG2 | 41.0 | Natural Gas Fired Combined Cycle | NG | CT | (P) Planned for installation, but regulatory approvals not initiated | 41.0 |
| 2018 | 7 | 58798 | Shell Chemical Appalachia LLC | Industrial | Shell Chemical Appalachia LLC | PA | 58933 | GTG3 | 41.0 | Natural Gas Fired Combined Cycle | NG | CT | (P) Planned for installation, but regulatory approvals not initiated | 41.0 |
| 2018 | 7 | 58798 | Shell Chemical Appalachia LLC | Industrial | Shell Chemical Appalachia LLC | PA | 58933 | STG1 | 64.0 | Natural Gas Fired Combined Cycle | NG | CA | (P) Planned for installation, but regulatory approvals not initiated | 64.0 |
| 2018 | 7 | 58798 | Shell Chemical Appalachia LLC | Industrial | Shell Chemical Appalachia LLC | PA | 58933 | STG2 | 64.0 | Natural Gas Fired Combined Cycle | NG | CA | (P) Planned for installation, but regulatory approvals not initiated | 64.0 |
| 2018 | 7 | 54863 | U S Power Generating Company LLC | IPP | Gowanus Gas Turbines Generating | NY | 2494 | SS | 90.0 | Natural Gas Fired Combustion Turbine | NG | GT | (T) Regulatory approvals received. Not under construction | 93.0 |
| 2018 | 9 | 56266 | Green Gas Americas, Inc. | IPP | Pioneer Crossing Landfill Gas to Energy | PA | 56957 | LFG6 | 1.6 | Landfill Gas | LFG | IC | (T) Regulatory approvals received. Not under construction | 1.6 |
| 2018 | 11 | 58847 | Carlsbad Energy Center | IPP | Carlsbad Energy Center | CA | 59002 | CEC 6 | 105.3 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 105.3 |
| 2018 | 11 | 58847 | Carlsbad Energy Center | IPP | Carlsbad Energy Center | CA | 59002 | CEC 7 | 105.3 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 105.3 |
| 2018 | 11 | 58847 | Carlsbad Energy Center | IPP | Carlsbad Energy Center | CA | 59002 | CEC 8 | 105.3 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 105.3 |
| 2018 | 11 | 58847 | Carlsbad Energy Center | IPP | Carlsbad Energy Center | CA | 59002 | CEC 9 | 105.3 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 105.3 |
| 2018 | 11 | 58847 | Carlsbad Energy Center | IPP | Carlsbad Energy Center | CA | 59002 | CEC10 | 105.3 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 105.3 |
| 2018 | 11 | 58847 | Carlsbad Energy Center | IPP | Carlsbad Energy Center | CA | 59002 | CEC11 | 105.3 | Natural Gas Fired Combustion Turbine | NG | GT | (L) Regulatory approvals pending. Not under construction | 105.3 |
| 2018 | 12 | 56771 | Black Hills Service Company LLC | IPP | Cheyenne Prairie Generating Station | WY | 57703 | 02B | 40.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 40.0 |
| 2018 | 12 | 56771 | Black Hills Service Company LLC | IPP | Cheyenne Prairie Generating Station | WY | 57703 | 03A | 40.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 40.0 |
| 2018 | 12 | 7140 | Georgia Power Co | Electric Utility | Vogtle | GA | 649 | 4 | 1,100.0 | Nuclear | NUC | ST | (U) Under construction, less than or equal to 50 percent complete | 1,100.0 |
| 2018 | 12 | 58722 | Jordan Cove Energy Project LP | IPP | South Dunes Power Plant | OR | 58841 | CT-1 | 47.2 | Natural Gas Fired Combined Cycle | NG | CT | (P) Planned for installation, but regulatory approvals not initiated | 64.5 |
| 2018 | 12 | 58722 | Jordan Cove Energy Project LP | IPP | South Dunes Power Plant | OR | 58841 | CT-2 | 47.2 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 64.5 |
| 2018 | 12 | 58722 | Jordan Cove Energy Project LP | IPP | South Dunes Power Plant | OR | 58841 | CT-3 | 47.2 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 64.5 |
| 2018 | 12 | 58722 | Jordan Cove Energy Project LP | IPP | South Dunes Power Plant | OR | 58841 | CT-4 | 47.2 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 64.5 |
| 2018 | 12 | 58722 | Jordan Cove Energy Project LP | IPP | South Dunes Power Plant | OR | 58841 | CT-5 | 47.2 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 64.5 |
| 2018 | 12 | 58722 | Jordan Cove Energy Project LP | IPP | South Dunes Power Plant | OR | 58841 | CT-6 | 47.2 | Natural Gas Fired Combined Cycle | NG | CT | (L) Regulatory approvals pending. Not under construction | 64.5 |
| 2018 | 12 | 58722 | Jordan Cove Energy Project LP | IPP | South Dunes Power Plant | OR | 58841 | ST-1 | 50.0 | Natural Gas Fired Combined Cycle | NG | CA | (L) Regulatory approvals pending. Not under construction | 51.0 |
| 2018 | 12 | 58722 | Jordan Cove Energy Project LP | IPP | South Dunes Power Plant | OR | 58841 | ST-2 | 50.0 | Natural Gas Fired Combined Cycle | NG | CA | (L) Regulatory approvals pending. Not under construction | 51.0 |
| 2018 | 12 | 4202 | Phillips 66-Ponca City Refinery | Industrial | Ponca City Refinery | OK | 52188 | G1A | 3.0 | Other Gases | OG | ST | (P) Planned for installation, but regulatory approvals not initiated | 5.0 |
| 2018 | 12 | 58842 | Power Company of Wyoming LLC | IPP | Chokecherry and Sierra Madre Wind | WY | 58987 | I-B | 813.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 813.0 |
| 2019 | 4 | 15473 | Public Service Co of NM | Electric Utility | La Luz Energy Center | NM | 58284 | 0002 | 40.2 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 42.3 |
| 2019 | 5 | 18454 | Tampa Electric Co | Electric Utility | Tampa Electric Co NA 2 | FL | 56352 | 1 | 149.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 180.0 |
| 2019 | 6 | 14624 | PUD No 2 of Grant County | Electric Utility | Wanapum | WA | 3888 | 3A | 122.0 | Conventional Hydroelectric | WAT | HY | (P) Planned for installation, but regulatory approvals not initiated | 122.0 |
| 2019 | 9 | 59142 | Hydrogen Energy California, LLC | Electric CHP | Hydrogen Energy California LLC | CA | 59372 | HECA1 | 413.0 | Coal Integrated Gasification Combined Cycle | SGC | CS | (L) Regulatory approvals pending. Not under construction | 421.0 |
| 2019 | 12 | 14354 | PacifiCorp | Electric Utility | Blundell | UT | 299 | 3 | 35.0 | Geothermal | GEO | ST | (P) Planned for installation, but regulatory approvals not initiated | 30.0 |
| 2020 | 5 | 18445 | City of Tallahassee - (FL) | Electric Utility | Arvah B Hopkins | FL | 688 | GT5 | 42.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 60.0 |
| 2020 | 5 | 18454 | Tampa Electric Co | Electric Utility | Tampa Electric Co NA 2 | FL | 56352 | 2 | 190.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 220.0 |
| 2020 | 10 | 5580 | East Kentucky Power Coop, Inc | Electric Utility | Green Valley LFGTE | KY | 56278 | 4 | 0.8 | Landfill Gas | LFG | IC | (P) Planned for installation, but regulatory approvals not initiated | 0.8 |
| 2020 | 12 | 7277 | Calpine Corporation | IPP | Four Mile Hill | CA | 55845 | 1 | 49.9 | Geothermal | GEO | ST | (P) Planned for installation, but regulatory approvals not initiated | 55.0 |
| 2020 | 12 | 7277 | Calpine Corporation | IPP | Telephone Flat | CA | 55846 | 1 | 49.9 | Geothermal | GEO | ST | (P) Planned for installation, but regulatory approvals not initiated | 55.0 |
| 2020 | 12 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Scattergood | CA | 404 | 8 | 209.5 | Natural Gas Fired Combined Cycle | NG | CC | (P) Planned for installation, but regulatory approvals not initiated | 209.5 |
| 2020 | 12 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Scattergood | CA | 404 | 9 | 209.5 | Natural Gas Fired Combined Cycle | NG | CC | (P) Planned for installation, but regulatory approvals not initiated | 108.8 |
| 2020 | 12 | 58842 | Power Company of Wyoming LLC | IPP | Chokecherry and Sierra Madre Wind | WY | 58987 | II-A | 750.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 750.0 |
| 2021 | 4 | 55927 | Power4Georgians LLC | Electric Utility | Plant Washington | GA | 56675 | MAIN | 850.0 | Conventional Steam Coal | SUB | ST | (T) Regulatory approvals received. Not under construction | 850.0 |
| 2021 | 12 | 58842 | Power Company of Wyoming LLC | IPP | Chokecherry and Sierra Madre Wind | WY | 58987 | II-B | 750.0 | Onshore Wind Turbine | WND | WT | (L) Regulatory approvals pending. Not under construction | 750.0 |
| 2022 | 1 | 16572 | Salt River Project | Electric Utility | Copper Crossing Gen Station | AZ | 58413 | CCGS1 | 91.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 101.0 |
| 2022 | 12 | 56943 | Blackstone Wind Farm III LLC | IPP | Blackstone Wind Farm III | IL | 57618 | GEN1 | 200.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 200.0 |
| 2022 | 12 | 56944 | Blackstone Wind Farm IV LLC | IPP | Blackstone Wind Farm IV | IL | 57619 | GEN1 | 100.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 100.0 |
| 2022 | 12 | 56425 | Simpson Ridge Wind Farm LLC | IPP | Simpson Ridge Wind Farm LLC | WY | 57117 | GEN 1 | 50.0 | Onshore Wind Turbine | WND | WT | (P) Planned for installation, but regulatory approvals not initiated | 50.0 |
| 2023 | 1 | 16572 | Salt River Project | Electric Utility | Copper Crossing Gen Station | AZ | 58413 | CCGS2 | 91.0 | Natural Gas Fired Combustion Turbine | NG | GT | (P) Planned for installation, but regulatory approvals not initiated | 101.0 |

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

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2015 | 1 | 12986 | Morton Salt Inc | Industrial | Morton Salt Rittman | OH | 54335 | GEN1 | 1.5 | Conventional Steam Coal | BIT | ST |
| 2015 | 1 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Alliant Techsystems | MN | 7376 | 1 | 1.6 | Petroleum Liquids | DFO | IC |
| 2015 | 1 | 19876 | Virginia Electric & Power Co | Electric Utility | Chesapeake | VA | 3803 | 3 | 156.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 1 | 19876 | Virginia Electric & Power Co | Electric Utility | Chesapeake | VA | 3803 | ST1 | 111.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 1 | 19876 | Virginia Electric & Power Co | Electric Utility | Chesapeake | VA | 3803 | ST2 | 111.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 1 | 19876 | Virginia Electric & Power Co | Electric Utility | Chesapeake | VA | 3803 | ST4 | 217.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 3 | 6204 | City of Farmington - (NM) | Electric Utility | Animas | NM | 2465 | 1 | 3.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2015 | 3 | 6204 | City of Farmington - (NM) | Electric Utility | Animas | NM | 2465 | 2 | 3.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2015 | 3 | 18445 | City of Tallahassee - (FL) | Electric Utility | Arvah B Hopkins | FL | 688 | GT1 | 12.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 3 | 57450 | Martin Midstream Partnership,LP | Industrial | Cross Oil Refining & Marketing, Inc | AR | 58077 | CROSS | 3.5 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 3 | 58159 | Penn State University | Commercial | West Campus Steam Plant | PA | 58194 | WC 2 | 0.5 | Conventional Steam Coal | BIT | ST |
| 2015 | 3 | 58159 | Penn State University | Commercial | West Campus Steam Plant | PA | 58194 | WC 3 | 0.6 | Conventional Steam Coal | BIT | ST |
| 2015 | 3 | 54843 | WM Illinois Renewable Energy LLC | IPP | Lake Gas Recovery | IL | 50575 | GEN2 | 2.9 | Landfill Gas | LFG | GT |
| 2015 | 3 | 54843 | WM Illinois Renewable Energy LLC | IPP | Lake Gas Recovery | IL | 50575 | GEN3 | 2.9 | Landfill Gas | LFG | GT |
| 2015 | 3 | 54842 | WM Renewable Energy LLC | IPP | BJ Gas Recovery | GA | 54392 | GEN1 | 0.8 | Landfill Gas | LFG | IC |
| 2015 | 3 | 54842 | WM Renewable Energy LLC | IPP | BJ Gas Recovery | GA | 54392 | GEN3 | 0.8 | Landfill Gas | LFG | IC |
| 2015 | 3 | 54842 | WM Renewable Energy LLC | IPP | Monroe Livingston Gas Recovery | NY | 50565 | GEN2 | 0.8 | Landfill Gas | LFG | IC |
| 2015 | 4 | 5580 | East Kentucky Power Coop, Inc | Electric Utility | Dale | KY | 1385 | 1 | 23.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 4 | 5580 | East Kentucky Power Coop, Inc | Electric Utility | Dale | KY | 1385 | 2 | 23.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 4 | 6526 | FirstEnergy Generation Corp | IPP | FirstEnergy Ashtabula | OH | 2835 | 5 | 244.0 | Conventional Steam Coal | SUB | ST |
| 2015 | 4 | 6526 | FirstEnergy Generation Corp | IPP | FirstEnergy Eastlake | OH | 2837 | 1 | 132.0 | Conventional Steam Coal | SUB | ST |
| 2015 | 4 | 6526 | FirstEnergy Generation Corp | IPP | FirstEnergy Eastlake | OH | 2837 | 2 | 132.0 | Conventional Steam Coal | SUB | ST |
| 2015 | 4 | 6526 | FirstEnergy Generation Corp | IPP | FirstEnergy Eastlake | OH | 2837 | 3 | 132.0 | Conventional Steam Coal | SUB | ST |
| 2015 | 4 | 6526 | FirstEnergy Generation Corp | IPP | FirstEnergy Lake Shore | OH | 2838 | 18 | 245.0 | Conventional Steam Coal | SUB | ST |
| 2015 | 4 | 7140 | Georgia Power Co | Electric Utility | Harllee Branch | GA | 709 | 1 | 266.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 4 | 7140 | Georgia Power Co | Electric Utility | Harllee Branch | GA | 709 | 3 | 509.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 4 | 7140 | Georgia Power Co | Electric Utility | Harllee Branch | GA | 709 | 4 | 507.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 4 | 7140 | Georgia Power Co | Electric Utility | McManus | GA | 715 | 1 | 43.0 | Petroleum Liquids | RFO | ST |
| 2015 | 4 | 7140 | Georgia Power Co | Electric Utility | McManus | GA | 715 | 2 | 79.0 | Petroleum Liquids | RFO | ST |
| 2015 | 4 | 7140 | Georgia Power Co | Electric Utility | Yates | GA | 728 | 1 | 97.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 4 | 7140 | Georgia Power Co | Electric Utility | Yates | GA | 728 | 2 | 103.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 4 | 7140 | Georgia Power Co | Electric Utility | Yates | GA | 728 | 3 | 111.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 4 | 7140 | Georgia Power Co | Electric Utility | Yates | GA | 728 | 4 | 133.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 4 | 7140 | Georgia Power Co | Electric Utility | Yates | GA | 728 | 5 | 135.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 4 | 7801 | Gulf Power Co | Electric Utility | Scholz | FL | 642 | 1 | 46.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 4 | 7801 | Gulf Power Co | Electric Utility | Scholz | FL | 642 | 2 | 46.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 4 | 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 | 12341 | MidAmerican Energy Co | Electric Utility | Walter Scott Jr Energy Center | IA | 1082 | 1 | 37.4 | Conventional Steam Coal | SUB | ST |
| 2015 | 4 | 12341 | MidAmerican Energy Co | Electric Utility | Walter Scott Jr Energy Center | IA | 1082 | 2 | 80.8 | Conventional Steam Coal | SUB | ST |
| 2015 | 4 | 12384 | Midwest Generations EME LLC | IPP | Will County | IL | 884 | 3 | 251.0 | Conventional Steam Coal | SUB | ST |
| 2015 | 4 | 14354 | PacifiCorp | Electric Utility | Carbon | UT | 3644 | 1 | 67.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 4 | 14354 | PacifiCorp | Electric Utility | Carbon | UT | 3644 | 2 | 105.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 4 | 18642 | Tennessee Valley Authority | Electric Utility | Widows Creek | AL | 50 | 8 | 465.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 5 | 11713 | City of Marshall - (MI) | Electric Utility | Marshall (MI) | MI | 1844 | IC2 | 0.9 | Other Natural Gas | NG | IC |
| 2015 | 5 | 11713 | City of Marshall - (MI) | Electric Utility | Marshall (MI) | MI | 1844 | IC3 | 1.9 | Other Natural Gas | NG | IC |
| 2015 | 5 | 11713 | City of Marshall - (MI) | Electric Utility | Marshall (MI) | MI | 1844 | IC4 | 0.7 | Petroleum Liquids | DFO | IC |
| 2015 | 5 | 11713 | City of Marshall - (MI) | Electric Utility | Marshall (MI) | MI | 1844 | IC5 | 1.4 | Other Natural Gas | NG | IC |
| 2015 | 5 | 11249 | Louisville Gas & Electric Co | Electric Utility | Cane Run | KY | 1363 | 4 | 155.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 5 | 11249 | Louisville Gas & Electric Co | Electric Utility | Cane Run | KY | 1363 | 5 | 168.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 5 | 11249 | Louisville Gas & Electric Co | Electric Utility | Cane Run | KY | 1363 | 6 | 240.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 5 | 12647 | Minnesota Power Inc | Electric Utility | Taconite Harbor Energy Center | MN | 10075 | GEN3 | 83.6 | Conventional Steam Coal | SUB | ST |
| 2015 | 5 | 17235 | NRG REMA LLC | IPP | Gilbert | NJ | 2393 | C1 | 20.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 5 | 17235 | NRG REMA LLC | IPP | Gilbert | NJ | 2393 | C2 | 22.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 5 | 17235 | NRG REMA LLC | IPP | Gilbert | NJ | 2393 | C3 | 22.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 5 | 17235 | NRG REMA LLC | IPP | Gilbert | NJ | 2393 | C4 | 22.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 5 | 17235 | NRG REMA LLC | IPP | Glen Gardner | NJ | 8227 | 1 | 18.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 5 | 17235 | NRG REMA LLC | IPP | Glen Gardner | NJ | 8227 | 2 | 18.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 5 | 17235 | NRG REMA LLC | IPP | Glen Gardner | NJ | 8227 | 3 | 18.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 5 | 17235 | NRG REMA LLC | IPP | Glen Gardner | NJ | 8227 | 4 | 18.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 5 | 17235 | NRG REMA LLC | IPP | Glen Gardner | NJ | 8227 | 5 | 18.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 5 | 17235 | NRG REMA LLC | IPP | Glen Gardner | NJ | 8227 | 6 | 18.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 5 | 17235 | NRG REMA LLC | IPP | Glen Gardner | NJ | 8227 | 7 | 18.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 5 | 17235 | NRG REMA LLC | IPP | Glen Gardner | NJ | 8227 | 8 | 18.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 5 | 17235 | NRG REMA LLC | IPP | Werner | NJ | 2385 | GT1 | 46.0 | Petroleum Liquids | DFO | GT |
| 2015 | 5 | 17235 | NRG REMA LLC | IPP | Werner | NJ | 2385 | GT2 | 46.0 | Petroleum Liquids | DFO | GT |
| 2015 | 5 | 17235 | NRG REMA LLC | IPP | Werner | NJ | 2385 | GT3 | 46.0 | Petroleum Liquids | DFO | GT |
| 2015 | 5 | 17235 | NRG REMA LLC | IPP | Werner | NJ | 2385 | GT4 | 46.0 | Petroleum Liquids | DFO | GT |
| 2015 | 5 | 15147 | PSEG Fossil LLC | IPP | PSEG Essex Generating Station | NJ | 2401 | 121 | 46.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 5 | 15147 | PSEG Fossil LLC | IPP | PSEG Essex Generating Station | NJ | 2401 | 122 | 46.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 5 | 15147 | PSEG Fossil LLC | IPP | PSEG Essex Generating Station | NJ | 2401 | 123 | 46.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 5 | 15147 | PSEG Fossil LLC | IPP | PSEG Essex Generating Station | NJ | 2401 | 124 | 46.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 5 | 58544 | Sierra Nevada Brewing Co | Industrial | Sierra Nevada Brewing Co | CA | 58585 | FCE | 1.0 | Other Natural Gas | NG | FC |
| 2015 | 6 | 58620 | AEP Generation Resources Inc | Electric Utility | Kammer | WV | 3947 | 1 | 200.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 58620 | AEP Generation Resources Inc | Electric Utility | Kammer | WV | 3947 | 2 | 200.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 58620 | AEP Generation Resources Inc | Electric Utility | Kammer | WV | 3947 | 3 | 200.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 58620 | AEP Generation Resources Inc | Electric Utility | Muskingum River | OH | 2872 | 1 | 190.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 58620 | AEP Generation Resources Inc | Electric Utility | Muskingum River | OH | 2872 | 2 | 190.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 58620 | AEP Generation Resources Inc | Electric Utility | Muskingum River | OH | 2872 | 3 | 205.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 58620 | AEP Generation Resources Inc | Electric Utility | Muskingum River | OH | 2872 | 4 | 205.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 58620 | AEP Generation Resources Inc | Electric Utility | Muskingum River | OH | 2872 | 5 | 585.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 58620 | AEP Generation Resources Inc | Electric Utility | Picway | OH | 2843 | 5 | 95.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 733 | Appalachian Power Co | Electric Utility | Clinch River | VA | 3775 | 3 | 230.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 733 | Appalachian Power Co | Electric Utility | Glen Lyn | VA | 3776 | 5 | 90.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 733 | Appalachian Power Co | Electric Utility | Glen Lyn | VA | 3776 | 6 | 235.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 733 | Appalachian Power Co | Electric Utility | Kanawha River | WV | 3936 | 1 | 200.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 733 | Appalachian Power Co | Electric Utility | Kanawha River | WV | 3936 | 2 | 200.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 733 | Appalachian Power Co | Electric Utility | Philip Sporn | WV | 3938 | 1 | 145.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 733 | Appalachian Power Co | Electric Utility | Philip Sporn | WV | 3938 | 2 | 145.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 733 | Appalachian Power Co | Electric Utility | Philip Sporn | WV | 3938 | 3 | 145.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 733 | Appalachian Power Co | Electric Utility | Philip Sporn | WV | 3938 | 4 | 145.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 4922 | Dayton Power & Light Co | Electric Utility | O H Hutchings | OH | 2848 | 1 | 58.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 4922 | Dayton Power & Light Co | Electric Utility | O H Hutchings | OH | 2848 | 2 | 55.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 4922 | Dayton Power & Light Co | Electric Utility | O H Hutchings | OH | 2848 | 3 | 63.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 4922 | Dayton Power & Light Co | Electric Utility | O H Hutchings | OH | 2848 | 5 | 63.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 4922 | Dayton Power & Light Co | Electric Utility | O H Hutchings | OH | 2848 | 6 | 63.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 3542 | Duke Energy Ohio Inc | Electric Utility | Miami Fort | OH | 2832 | 6 | 163.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 9324 | Indiana Michigan Power Co | Electric Utility | Tanners Creek | IN | 988 | 1 | 145.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 9324 | Indiana Michigan Power Co | Electric Utility | Tanners Creek | IN | 988 | 2 | 145.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 9324 | Indiana Michigan Power Co | Electric Utility | Tanners Creek | IN | 988 | 3 | 200.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 9324 | Indiana Michigan Power Co | Electric Utility | Tanners Creek | IN | 988 | 4 | 500.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 22053 | Kentucky Power Co | Electric Utility | Big Sandy | KY | 1353 | 2 | 800.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | Bergen Generating Station | NJ | 2398 | 3 | 21.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Burlington Generating Station | NJ | 2399 | 111 | 46.0 | Petroleum Liquids | DFO | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Burlington Generating Station | NJ | 2399 | 112 | 46.0 | Petroleum Liquids | DFO | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Burlington Generating Station | NJ | 2399 | 113 | 46.0 | Petroleum Liquids | DFO | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Burlington Generating Station | NJ | 2399 | 114 | 46.0 | Petroleum Liquids | DFO | GT |

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Burlington Generating Station | NJ | 2399 | 8 | 22.0 | Petroleum Liquids | DFO | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Edison Generating Station | NJ | 2400 | 11 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Edison Generating Station | NJ | 2400 | 12 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Edison Generating Station | NJ | 2400 | 13 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Edison Generating Station | NJ | 2400 | 14 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Edison Generating Station | NJ | 2400 | 21 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Edison Generating Station | NJ | 2400 | 22 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Edison Generating Station | NJ | 2400 | 23 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Edison Generating Station | NJ | 2400 | 24 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Edison Generating Station | NJ | 2400 | 31 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Edison Generating Station | NJ | 2400 | 32 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Edison Generating Station | NJ | 2400 | 33 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Edison Generating Station | NJ | 2400 | 34 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Essex Generating Station | NJ | 2401 | 101 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Essex Generating Station | NJ | 2401 | 102 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Essex Generating Station | NJ | 2401 | 103 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Essex Generating Station | NJ | 2401 | 104 | 43.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Essex Generating Station | NJ | 2401 | 111 | 46.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Essex Generating Station | NJ | 2401 | 112 | 46.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Essex Generating Station | NJ | 2401 | 113 | 46.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Essex Generating Station | NJ | 2401 | 114 | 46.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Mercer Generating Station | NJ | 2408 | 3 | 115.0 | Petroleum Liquids | DFO | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG National Park Generating Station | NJ | 2409 | 1 | 21.0 | Petroleum Liquids | KER | GT |
| 2015 | 6 | 15147 | PSEG Fossil LLC | IPP | PSEG Sewaren Generating Station | NJ | 2411 | 6 | 105.0 | Petroleum Liquids | KER | GT |
| 2015 | 6 | 15478 | PSEG Nuclear LLC | IPP | PSEG Salem Generating Station | NJ | 2410 | 3 | 38.4 | Petroleum Liquids | DFO | GT |
| 2015 | 6 | 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 | 6 | 25835 | Portland City of | IPP | Ground Water Pumping Station | OR | 50105 | GPS1 | 0.9 | Conventional Hydroelectric | WAT | HY |
| 2015 | 6 | 25835 | Portland City of | IPP | Ground Water Pumping Station | OR | 50105 | GPS2 | 0.9 | Conventional Hydroelectric | WAT | HY |
| 2015 | 6 | 25835 | Portland City of | IPP | Ground Water Pumping Station | OR | 50105 | GPS3 | 0.9 | Conventional Hydroelectric | WAT | HY |
| 2015 | 6 | 25835 | Portland City of | IPP | Ground Water Pumping Station | OR | 50105 | GPS4 | 0.9 | Conventional Hydroelectric | WAT | HY |
| 2015 | 6 | 25835 | Portland City of | IPP | Ground Water Pumping Station | OR | 50105 | GPS5 | 0.9 | Conventional Hydroelectric | WAT | HY |
| 2015 | 6 | 25835 | Portland City of | IPP | Ground Water Pumping Station | OR | 50105 | GPS6 | 0.9 | Conventional Hydroelectric | WAT | HY |
| 2015 | 6 | 54842 | WM Renewable Energy LLC | IPP | New Milford Gas Recovery | CT | 50564 | GEN4 | 0.8 | Landfill Gas | LFG | IC |
| 2015 | 6 | 20860 | Wisconsin Public Service Corp | Electric Utility | Pulliam | WI | 4072 | 5 | 47.7 | Conventional Steam Coal | SUB | ST |
| 2015 | 6 | 20860 | Wisconsin Public Service Corp | Electric Utility | Pulliam | WI | 4072 | 6 | 69.8 | Conventional Steam Coal | SUB | ST |
| 2015 | 6 | 20860 | Wisconsin Public Service Corp | Electric Utility | Weston | WI | 4078 | 1 | 50.7 | Conventional Steam Coal | SUB | ST |
| 2015 | 8 | 14624 | PUD No 2 of Grant County | Electric Utility | Wanapum | WA | 3888 | 8 | 103.8 | Conventional Hydroelectric | WAT | HY |
| 2015 | 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 | 1991 | Boise White Paper LLC | Industrial | Boise Cascade International Falls | MN | 10486 | GEN1 | 4.0 | Wood/Wood Waste Biomass | BLQ | ST |
| 2015 | 10 | 1991 | Boise White Paper LLC | Industrial | Boise Cascade International Falls | MN | 10486 | GEN2 | 4.0 | Wood/Wood Waste Biomass | BLQ | ST |
| 2015 | 10 | 1991 | Boise White Paper LLC | Industrial | Boise Cascade International Falls | MN | 10486 | GEN3 | 7.5 | Wood/Wood Waste Biomass | BLQ | ST |
| 2015 | 10 | 1991 | Boise White Paper LLC | Industrial | Boise Cascade International Falls | MN | 10486 | GEN4 | 7.5 | Wood/Wood Waste Biomass | BLQ | ST |
| 2015 | 10 | 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 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Key City | MN | 1914 | 1 | 8.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 10 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Key City | MN | 1914 | 2 | 8.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 10 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Key City | MN | 1914 | 3 | 13.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 10 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Key City | MN | 1914 | 4 | 13.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2015 | 11 | 52 | ACE Cogeneration Co | Electric CHP | ACE Cogeneration Facility | CA | 10002 | GEN1 | 101.2 | Conventional Steam Coal | BIT | ST |
| 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 | 8287 | Hawaii Electric Light Co Inc | Electric Utility | Shipman | HI | 6478 | 3 | 7.5 | Petroleum Liquids | RFO | ST |
| 2015 | 12 | 8287 | Hawaii Electric Light Co Inc | Electric Utility | Shipman | HI | 6478 | 4 | 7.5 | Petroleum Liquids | RFO | ST |
| 2015 | 12 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Scattergood | CA | 404 | 3 | 445.0 | Other Natural Gas | NG | ST |
| 2015 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Black Dog | MN | 1904 | 3 | 79.0 | Conventional Steam Coal | SUB | ST |
| 2015 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Black Dog | MN | 1904 | 4 | 153.0 | Conventional Steam Coal | SUB | ST |
| 2015 | 12 | 14030 | Oklahoma State University | Commercial | Oklahoma State University | OK | 54779 | GEN1 | 1.6 | Other Natural Gas | NG | ST |
| 2015 | 12 | 14030 | Oklahoma State University | Commercial | Oklahoma State University | OK | 54779 | GEN2 | 1.6 | Other Natural Gas | NG | ST |
| 2015 | 12 | 14030 | Oklahoma State University | Commercial | Oklahoma State University | OK | 54779 | GEN4 | 5.2 | Other Natural Gas | NG | ST |
| 2015 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Cherokee | CO | 469 | 3 | 152.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Ponnequin | CO | 7937 | 30 | 9.9 | Onshore Wind Turbine | WND | WT |
| 2015 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Ponnequin | CO | 7937 | 8 | 15.4 | Onshore Wind Turbine | WND | WT |
| 2015 | 12 | 15466 | Public Service Co of Colorado | Electric Utility | Zuni | CO | 478 | 2 | 60.0 | Other Natural Gas | NG | ST |
| 2015 | 12 | 16181 | Rochester Public Utilities | Electric Utility | Silver Lake | MN | 2008 | 1 | 6.6 | Conventional Steam Coal | BIT | ST |
| 2015 | 12 | 16181 | Rochester Public Utilities | Electric Utility | Silver Lake | MN | 2008 | 2 | 7.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 12 | 16181 | Rochester Public Utilities | Electric Utility | Silver Lake | MN | 2008 | 3 | 20.0 | Conventional Steam Coal | BIT | ST |
| 2015 | 12 | 16181 | Rochester Public Utilities | Electric Utility | Silver Lake | MN | 2008 | 4 | 46.4 | Conventional Steam Coal | BIT | ST |
| 2015 | 12 | 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 | Johnsonville | TN | 3406 | 10 | 141.0 | Conventional Steam Coal | SUB | ST |
| 2015 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | 5 | 107.0 | Conventional Steam Coal | SUB | ST |
| 2015 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | 6 | 107.0 | Conventional Steam Coal | SUB | ST |
| 2015 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | 7 | 141.0 | Conventional Steam Coal | SUB | ST |
| 2015 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | 8 | 141.0 | Conventional Steam Coal | SUB | ST |
| 2015 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | 9 | 141.0 | Conventional Steam Coal | SUB | ST |
| 2015 | 12 | 20856 | Wisconsin Power & Light Co | Electric Utility | Edgewater | WI | 4050 | 3 | 47.2 | Conventional Steam Coal | SUB | ST |
| 2015 | 12 | 20856 | Wisconsin Power & Light Co | Electric Utility | Nelson Dewey Generating Station | WI | 4054 | 1 | 103.1 | Conventional Steam Coal | SUB | ST |
| 2015 | 12 | 20856 | Wisconsin Power & Light Co | Electric Utility | Nelson Dewey Generating Station | WI | 4054 | 2 | 103.1 | Conventional Steam Coal | SUB | ST |
| 2016 | 1 | 9231 | City of Independence - (MO) | Electric Utility | Missouri City | MO | 2171 | 1 | 19.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 1 | 9231 | City of Independence - (MO) | Electric Utility | Missouri City | MO | 2171 | 2 | 19.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 1 | 5860 | Empire District Electric Co | Electric Utility | Riverton | KS | 1239 | 9 | 12.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2016 | 1 | 9788 | John Deere Harvester Works Co | Industrial | John Deere Harvester Works | IL | 10039 | GEN7 | 0.8 | Conventional Steam Coal | BIT | ST |
| 2016 | 1 | 10000 | Kansas City Power & Light Co | Electric Utility | Montrose | MO | 2080 | 1 | 170.0 | Conventional Steam Coal | SUB | ST |
| 2016 | 3 | 6455 | Duke Energy Florida, Inc | Electric Utility | Crystal River | FL | 628 | 1 | 370.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 3 | 6455 | Duke Energy Florida, Inc | Electric Utility | Crystal River | FL | 628 | 2 | 499.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 3 | 18642 | Tennessee Valley Authority | Electric Utility | Colbert | AL | 47 | 1 | 178.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 3 | 18642 | Tennessee Valley Authority | Electric Utility | Colbert | AL | 47 | 2 | 178.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 3 | 18642 | Tennessee Valley Authority | Electric Utility | Colbert | AL | 47 | 3 | 178.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 3 | 18642 | Tennessee Valley Authority | Electric Utility | Colbert | AL | 47 | 4 | 178.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 4 | 803 | Arizona Public Service Co | Electric Utility | Cholla | AZ | 113 | 2 | 260.0 | Conventional Steam Coal | SUB | ST |
| 2016 | 4 | 15470 | Duke Energy Indiana Inc | Electric Utility | Wabash River | IN | 1010 | 2 | 85.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 4 | 15470 | Duke Energy Indiana Inc | Electric Utility | Wabash River | IN | 1010 | 3 | 85.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 4 | 15470 | Duke Energy Indiana Inc | Electric Utility | Wabash River | IN | 1010 | 4 | 85.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 4 | 15470 | Duke Energy Indiana Inc | Electric Utility | Wabash River | IN | 1010 | 5 | 95.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 4 | 15470 | Duke Energy Indiana Inc | Electric Utility | Wabash River | IN | 1010 | 6 | 318.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 4 | 5580 | East Kentucky Power Coop, Inc | Electric Utility | Dale | KY | 1385 | 3 | 74.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 4 | 5580 | East Kentucky Power Coop, Inc | Electric Utility | Dale | KY | 1385 | 4 | 75.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 4 | 7140 | Georgia Power Co | Electric Utility | Kraft | GA | 733 | 2 | 52.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 4 | 7140 | Georgia Power Co | Electric Utility | Kraft | GA | 733 | 3 | 101.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 4 | 7140 | Georgia Power Co | Electric Utility | Kraft | GA | 733 | 4 | 115.0 | Other Natural Gas | NG | ST |

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 4 | 7140 | Georgia Power Co | Electric Utility | Kraft | GA | 733 | ST1 | 48.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 4 | 9273 | Indianapolis Power & Light Co | Electric Utility | Eagle Valley (IN) | IN | 991 | 3 | 40.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 4 | 9273 | Indianapolis Power & Light Co | Electric Utility | Eagle Valley (IN) | IN | 991 | 4 | 56.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 4 | 9273 | Indianapolis Power & Light Co | Electric Utility | Eagle Valley (IN) | IN | 991 | 5 | 62.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 4 | 9273 | Indianapolis Power & Light Co | Electric Utility | Eagle Valley (IN) | IN | 991 | 6 | 99.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 4 | 9273 | Indianapolis Power & Light Co | Electric Utility | Eagle Valley (IN) | IN | 991 | IC1 | 3.0 | Petroleum Liquids | DFO | IC |
| 2016 | 4 | 12341 | MidAmerican Energy Co | Electric Utility | George Neal North | IA | 1091 | 1 | 134.3 | Conventional Steam Coal | SUB | ST |
| 2016 | 4 | 12341 | MidAmerican Energy Co | Electric Utility | George Neal North | IA | 1091 | 2 | 283.7 | Conventional Steam Coal | SUB | ST |
| 2016 | 4 | 12869 | Monterey Regional Waste Mgmt | Commercial | Marina Landfill Gas | CA | 10748 | U3J98 | 1.0 | Landfill Gas | LFG | IC |
| 2016 | 4 | 14624 | PUD No 2 of Grant County | Electric Utility | Wanapum | WA | 3888 | 4 | 103.8 | Conventional Hydroelectric | WAT | HY |
| 2016 | 4 | 15474 | Public Service Co of Oklahoma | Electric Utility | Northeastern | OK | 2963 | 4 | 460.0 | Conventional Steam Coal | SUB | ST |
| 2016 | 4 | 17698 | Southwestern Electric Power Co | Electric Utility | Welsh | TX | 6139 | 2 | 528.0 | Conventional Steam Coal | SUB | ST |
| 2016 | 5 | 6455 | Duke Energy Florida, Inc | Electric Utility | Avon Park | FL | 624 | P1 | 24.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2016 | 5 | 6455 | Duke Energy Florida, Inc | Electric Utility | Avon Park | FL | 624 | P2 | 24.0 | Petroleum Liquids | DFO | GT |
| 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 | 6 | 5860 | Empire District Electric Co | Electric Utility | Riverton | KS | 1239 | 8 | 54.0 | Conventional Steam Coal | SUB | ST |
| 2016 | 7 | 7140 | Georgia Power Co | Electric Utility | Mitchell (GA) | GA | 727 | 3 | 155.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 8 | 14534 | City of Pasadena - (CA) | Electric Utility | Broadway (CA) | CA | 420 | B3 | 71.0 | Other Natural Gas | NG | ST |
| 2016 | 8 | 57322 | Naval Facilities Engineering Command | Commercial | Goddard Steam Plant | MD | 57944 | 1 | 5.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 8 | 57322 | Naval Facilities Engineering Command | Commercial | Goddard Steam Plant | MD | 57944 | 2 | 5.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 8 | 18125 | Stillwater Utilities Authority | Electric Utility | Boomer Lake Station | OK | 3000 | 1 | 11.5 | Other Natural Gas | NG | ST |
| 2016 | 8 | 18125 | Stillwater Utilities Authority | Electric Utility | Boomer Lake Station | OK | 3000 | 2 | 13.0 | Other Natural Gas | NG | ST |
| 2016 | 9 | 12869 | Monterey Regional Waste Mgmt | Commercial | Marina Landfill Gas | CA | 10748 | U2J02 | 1.0 | Landfill Gas | LFG | IC |
| 2016 | 11 | 55932 | Georgia-Pacific Brewton LLC | Industrial | Georgia-Pacific Brewton Mill | AL | 54789 | 1TG | 10.5 | Wood/Wood Waste Biomass | BLQ | ST |
| 2016 | 12 | 195 | Alabama Power Co | Electric Utility | Gorgas | AL | 8 | 6 | 103.0 | Conventional Steam Coal | BIT | ST |
| 2016 | 12 | 4045 | City of Columbia - (MO) | Electric Utility | Columbia (MO) | MO | 2123 | 5 | 16.5 | Conventional Steam Coal | BIT | ST |
| 2016 | 12 | 49756 | Illinois Power Resources Generating LLC | Electric Utility | E D Edwards | IL | 856 | 1 | 95.0 | Conventional Steam Coal | SUB | ST |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Burlington (IA) | IA | 1104 | GT1 | 16.5 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Burlington (IA) | IA | 1104 | GT2 | 13.9 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Burlington (IA) | IA | 1104 | GT3 | 15.4 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Burlington (IA) | IA | 1104 | GT4 | 16.1 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Centerville | IA | 1105 | 1 | 1.8 | Petroleum Liquids | DFO | IC |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Centerville | IA | 1105 | 2 | 2.1 | Petroleum Liquids | DFO | IC |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Centerville | IA | 1105 | 3 | 1.9 | Petroleum Liquids | DFO | IC |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Centerville | IA | 1105 | GT1 | 24.7 | Petroleum Liquids | DFO | GT |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Centerville | IA | 1105 | GT2 | 27.3 | Petroleum Liquids | DFO | GT |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Dubuque | IA | 1046 | 3 | 30.9 | Other Natural Gas | NG | ST |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Dubuque | IA | 1046 | 4 | 35.9 | Other Natural Gas | NG | ST |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Dubuque | IA | 1046 | IC1 | 2.0 | Petroleum Liquids | DFO | IC |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Dubuque | IA | 1046 | IC2 | 1.4 | Petroleum Liquids | DFO | IC |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Fox Lake | MN | 1888 | 1 | 12.8 | Other Natural Gas | NG | ST |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Fox Lake | MN | 1888 | 3 | 79.1 | Other Natural Gas | NG | ST |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Grinnell | IA | 7137 | 1 | 22.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Grinnell | IA | 7137 | 2 | 19.4 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Hills | MN | 1889 | 1 | 2.0 | Petroleum Liquids | DFO | IC |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Hills | MN | 1889 | 2 | 2.0 | Petroleum Liquids | DFO | IC |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Sutherland | IA | 1077 | 1 | 28.7 | Other Natural Gas | NG | ST |
| 2016 | 12 | 9417 | Interstate Power and Light Co | Electric Utility | Sutherland | IA | 1077 | 3 | 82.0 | Other Natural Gas | NG | ST |
| 2016 | 12 | 13960 | NRG Cabrillo Power Ops Inc | IPP | El Cajon | CA | 301 | ENCI | 16.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2016 | 12 | 13960 | NRG Cabrillo Power Ops Inc | IPP | Kearny | CA | 303 | KEA2 | 59.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2016 | 12 | 13960 | NRG Cabrillo Power Ops Inc | IPP | Kearny | CA | 303 | KEA3 | 61.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2016 | 12 | 13960 | NRG Cabrillo Power Ops Inc | IPP | Miramar | CA | 305 | MRGT | 36.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2016 | 12 | 15908 | NRG California South LP | IPP | Coolwater | CA | 329 | 1 | 63.0 | Other Natural Gas | NG | ST |
| 2016 | 12 | 15908 | NRG California South LP | IPP | Coolwater | CA | 329 | 2 | 82.0 | Other Natural Gas | NG | ST |
| 2017 | 1 | 19876 | Virginia Electric & Power Co | Electric Utility | Yorktown | VA | 3809 | 1 | 159.0 | Conventional Steam Coal | BIT | ST |
| 2017 | 1 | 19876 | Virginia Electric & Power Co | Electric Utility | Yorktown | VA | 3809 | 2 | 164.0 | Conventional Steam Coal | BIT | ST |
| 2017 | 1 | 20847 | Wisconsin Electric Power Co | Electric Utility | Presque Isle | MI | 1769 | 5 | 55.0 | Conventional Steam Coal | BIT | ST |
| 2017 | 1 | 20847 | Wisconsin Electric Power Co | Electric Utility | Presque Isle | MI | 1769 | 6 | 55.0 | Conventional Steam Coal | BIT | ST |
| 2017 | 1 | 20847 | Wisconsin Electric Power Co | Electric Utility | Presque Isle | MI | 1769 | 7 | 78.0 | Conventional Steam Coal | SUB | ST |
| 2017 | 1 | 20847 | Wisconsin Electric Power Co | Electric Utility | Presque Isle | MI | 1769 | 8 | 78.0 | Conventional Steam Coal | SUB | ST |
| 2017 | 1 | 20847 | Wisconsin Electric Power Co | Electric Utility | Presque Isle | MI | 1769 | 9 | 78.0 | Conventional Steam Coal | SUB | ST |
| 2017 | 2 | 14624 | PUD No 2 of Grant County | Electric Utility | Wanapum | WA | 3888 | 6 | 103.8 | Conventional Hydroelectric | WAT | HY |
| 2017 | 3 | 18445 | City of Tallahassee - (FL) | Electric Utility | Arvah B Hopkins | FL | 688 | GT2 | 24.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2017 | 5 | 5701 | El Paso Electric Co | Electric Utility | Rio Grande | NM | 2444 | 6 | 45.0 | Other Natural Gas | NG | ST |
| 2017 | 5 | 12628 | NRG Chalk Point LLC | IPP | Chalk Point LLC | MD | 1571 | ST1 | 331.0 | Conventional Steam Coal | BIT | ST |
| 2017 | 5 | 12628 | NRG Chalk Point LLC | IPP | Chalk Point LLC | MD | 1571 | ST2 | 336.0 | Conventional Steam Coal | BIT | ST |
| 2017 | 5 | 15452 | PSEG Power Connecticut LLC | IPP | Bridgeport Station | CT | 568 | 4 | 16.0 | Petroleum Liquids | KER | GT |
| 2017 | 6 | 142 | AES Beaver Valley | Electric CHP | AES Beaver Valley Partners Beaver Valley | PA | 10676 | GEN2 | 32.0 | Conventional Steam Coal | BIT | ST |
| 2017 | 6 | 142 | AES Beaver Valley | Electric CHP | AES Beaver Valley Partners Beaver Valley | PA | 10676 | GEN3 | 114.0 | Conventional Steam Coal | BIT | ST |
| 2017 | 6 | 58534 | Brayton Point Energy LLC | IPP | Brayton Point | MA | 1619 | 1 | 239.3 | Conventional Steam Coal | BIT | ST |
| 2017 | 6 | 58534 | Brayton Point Energy LLC | IPP | Brayton Point | MA | 1619 | 2 | 238.9 | Conventional Steam Coal | BIT | ST |
| 2017 | 6 | 58534 | Brayton Point Energy LLC | IPP | Brayton Point | MA | 1619 | 3 | 605.3 | Conventional Steam Coal | BIT | ST |
| 2017 | 6 | 58534 | Brayton Point Energy LLC | IPP | Brayton Point | MA | 1619 | 4 | 435.0 | Petroleum Liquids | RFO | ST |
| 2017 | 6 | 11820 | Massachusetts Inst of Tech | Commercial | Mass Inst Tech Cntrl Utilities/Cogen Plt | MA | 54907 | CTG1 | 19.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2017 | 6 | 18642 | Tennessee Valley Authority | Electric Utility | Paradise | KY | 1378 | 1 | 628.0 | Conventional Steam Coal | BIT | ST |
| 2017 | 6 | 18642 | Tennessee Valley Authority | Electric Utility | Paradise | KY | 1378 | 2 | 602.0 | Conventional Steam Coal | BIT | ST |
| 2017 | 10 | 5677 | EQ-Waste Energy Services Inc | Electric CHP | EQ Waste Energy Services | MI | 50077 | CAT1 | 0.5 | Landfill Gas | LFG | IC |
| 2017 | 10 | 5677 | EQ-Waste Energy Services Inc | Electric CHP | EQ Waste Energy Services | MI | 50077 | CAT2 | 0.3 | Landfill Gas | LFG | IC |
| 2017 | 10 | 5677 | EQ-Waste Energy Services Inc | Electric CHP | EQ Waste Energy Services | MI | 50077 | CAT3 | 0.3 | Landfill Gas | LFG | IC |
| 2017 | 10 | 5677 | EQ-Waste Energy Services Inc | Electric CHP | EQ Waste Energy Services | MI | 50077 | CAT4 | 0.3 | Landfill Gas | LFG | IC |
| 2017 | 12 | 195 | Alabama Power Co | Electric Utility | Gorgas | AL | 8 | 7 | 104.0 | Conventional Steam Coal | BIT | ST |
| 2017 | 12 | 463 | Ameresco LFG I Inc | IPP | Al Turi | NY | 10549 | 3010 | 0.8 | Landfill Gas | LFG | IC |
| 2017 | 12 | 5701 | El Paso Electric Co | Electric Utility | Newman | TX | 3456 | 4 | 83.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2017 | 12 | 5701 | El Paso Electric Co | Electric Utility | Newman | TX | 3456 | CT1 | 72.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2017 | 12 | 5701 | El Paso Electric Co | Electric Utility | Newman | TX | 3456 | CT2 | 72.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2017 | 12 | 5701 | El Paso Electric Co | Electric Utility | Rio Grande | NM | 2444 | 7 | 46.0 | Other Natural Gas | NG | ST |
| 2017 | 12 | 13960 | NRG Cabrillo Power Ops Inc | IPP | Encina | CA | 302 | 2 | 104.0 | Other Natural Gas | NG | ST |
| 2017 | 12 | 13960 | NRG Cabrillo Power Ops Inc | IPP | Encina | CA | 302 | 3 | 110.0 | Other Natural Gas | NG | ST |
| 2017 | 12 | 13960 | NRG Cabrillo Power Ops Inc | IPP | Encina | CA | 302 | 4 | 300.0 | Other Natural Gas | NG | ST |
| 2017 | 12 | 13960 | NRG Cabrillo Power Ops Inc | IPP | Encina | CA | 302 | 5 | 330.0 | Other Natural Gas | NG | ST |
| 2017 | 12 | 13960 | NRG Cabrillo Power Ops Inc | IPP | Encina | CA | 302 | GT1 | 14.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2017 | 12 | 13960 | NRG Cabrillo Power Ops Inc | IPP | Encina | CA | 302 | ST1 | 106.0 | Other Natural Gas | NG | ST |
| 2017 | 12 | 13407 | Nevada Power Co | Electric Utility | Reid Gardner | NV | 2324 | 4 | 257.0 | Conventional Steam Coal | BIT | ST |
| 2017 | 12 | 59099 | New Dimension Energy Company, LLC | IPP | Altamont Midway Ltd | CA | 50001 | WTGS | 10.9 | Onshore Wind Turbine | WND | WT |
| 2017 | 12 | 59099 | New Dimension Energy Company, LLC | IPP | Altech | CA | 50818 | GEN1 | 10.5 | Onshore Wind Turbine | WND | WT |
| 2017 | 12 | 59099 | New Dimension Energy Company, LLC | IPP | Santa Clara (85C) | CA | 50534 | WGNS | 18.0 | Onshore Wind Turbine | WND | WT |
| 2017 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Red Wing | MN | 1926 | 1 | 9.0 | Municipal Solid Waste | MSW | ST |
| 2017 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Red Wing | MN | 1926 | 2 | 9.0 | Municipal Solid Waste | MSW | ST |
| 2017 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Wilmarth | MN | 1934 | 1 | 9.0 | Municipal Solid Waste | MSW | ST |
| 2017 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Wilmarth | MN | 1934 | 2 | 9.0 | Municipal Solid Waste | MSW | ST |
| 2017 | 12 | 14063 | Oklahoma Gas & Electric Co | Electric Utility | Mustang | OK | 2953 | 1 | 52.0 | Other Natural Gas | NG | ST |

**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 | 14063 | Oklahoma Gas & Electric Co | Electric Utility | Mustang | OK | 2953 | 2 | 52.0 | Other Natural Gas | NG | ST |
| 2017 | 12 | 14063 | Oklahoma Gas & Electric Co | Electric Utility | Mustang | OK | 2953 | 3 | 117.0 | Other Natural Gas | NG | ST |
| 2017 | 12 | 14063 | Oklahoma Gas & Electric Co | Electric Utility | Mustang | OK | 2953 | 4 | 250.0 | Other Natural Gas | NG | ST |
| 2017 | 12 | 14624 | PUD No 2 of Grant County | Electric Utility | Wanapum | WA | 3888 | 3 | 103.8 | Conventional Hydroelectric | WAT | HY |
| 2017 | 12 | 15473 | Public Service Co of NM | Electric Utility | San Juan | NM | 2451 | 2 | 340.0 | Conventional Steam Coal | BIT | ST |
| 2017 | 12 | 15473 | Public Service Co of NM | Electric Utility | San Juan | NM | 2451 | 3 | 497.0 | Conventional Steam Coal | BIT | ST |
| 2017 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | 1 | 107.0 | Conventional Steam Coal | SUB | ST |
| 2017 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | 2 | 107.0 | Conventional Steam Coal | SUB | ST |
| 2017 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | 3 | 107.0 | Conventional Steam Coal | SUB | ST |
| 2017 | 12 | 18642 | Tennessee Valley Authority | Electric Utility | Johnsonville | TN | 3406 | 4 | 107.0 | Conventional Steam Coal | SUB | ST |
| 2018 | 1 | 12541 | City of Milford - (IA) | Electric Utility | Milford | IA | 1164 | 1 | 0.6 | Petroleum Liquids | DFO | IC |
| 2018 | 1 | 12541 | City of Milford - (IA) | Electric Utility | Milford | IA | 1164 | 4 | 0.5 | Petroleum Liquids | DFO | IC |
| 2018 | 1 | 17891 | City of St Marys - (OH) | Electric Utility | St Marys | OH | 2942 | 7 | 12.0 | Petroleum Liquids | DFO | GT |
| 2018 | 1 | 15466 | Public Service Co of Colorado | Electric Utility | Valmont | CO | 477 | 5 | 184.0 | Conventional Steam Coal | BIT | ST |
| 2018 | 5 | 6455 | Duke Energy Florida, Inc | Electric Utility | Suwannee River | FL | 638 | 1 | 28.0 | Petroleum Liquids | RFO | ST |
| 2018 | 5 | 6455 | Duke Energy Florida, Inc | Electric Utility | Suwannee River | FL | 638 | 2 | 29.0 | Petroleum Liquids | RFO | ST |
| 2018 | 5 | 6455 | Duke Energy Florida, Inc | Electric Utility | Suwannee River | FL | 638 | 3 | 71.0 | Petroleum Liquids | RFO | ST |
| 2018 | 6 | 9397 | International Turbine Res Inc | IPP | Dinosaur Point | CA | 10005 | WTGS | 17.0 | Onshore Wind Turbine | WND | WT |
| 2018 | 7 | 7308 | Hawkeye Energy Greenport LLC | IPP | Hawkeye Energy Greenport LLC | NY | 55969 | U-01 | 52.5 | Petroleum Liquids | KER | GT |
| 2018 | 9 | 17166 | Sierra Pacific Power Co | Electric Utility | Fort Churchill | NV | 2330 | 1 | 113.0 | Other Natural Gas | NG | ST |
| 2018 | 12 | 16604 | City of San Antonio - (TX) | Electric Utility | J T Deely | TX | 6181 | 1 | 420.0 | Conventional Steam Coal | SUB | ST |
| 2018 | 12 | 16604 | City of San Antonio - (TX) | Electric Utility | J T Deely | TX | 6181 | 2 | 420.0 | Conventional Steam Coal | SUB | ST |
| 2018 | 12 | 12384 | Midwest Generations EME LLC | IPP | Will County | IL | 884 | 4 | 510.0 | Conventional Steam Coal | SUB | ST |
| 2018 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Northern States Flambeau | WI | 3984 | 1 | 12.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2018 | 12 | 17539 | South Carolina Electric&Gas Company | Electric Utility | McMeekin | SC | 3287 | 1 | 125.0 | Conventional Steam Coal | BIT | ST |
| 2018 | 12 | 17539 | South Carolina Electric&Gas Company | Electric Utility | McMeekin | SC | 3287 | 2 | 125.0 | Conventional Steam Coal | BIT | ST |
| 2018 | 12 | 20856 | Wisconsin Power & Light Co | Electric Utility | Edgewater | WI | 4050 | 4 | 297.1 | Conventional Steam Coal | SUB | ST |
| 2019 | 1 | 56211 | KCP&L Greater Missouri Operations Co | Electric Utility | Lake Road (MO) | MO | 2098 | 4 | 96.3 | Conventional Steam Coal | SUB | ST |
| 2019 | 1 | 56211 | KCP&L Greater Missouri Operations Co | Electric Utility | Sibley | MO | 2094 | 1 | 47.7 | Conventional Steam Coal | SUB | ST |
| 2019 | 1 | 56211 | KCP&L Greater Missouri Operations Co | Electric Utility | Sibley | MO | 2094 | 2 | 50.6 | Conventional Steam Coal | SUB | ST |
| 2019 | 9 | 17166 | Sierra Pacific Power Co | Electric Utility | Brunswick | NV | 6510 | 1 | 2.0 | Petroleum Liquids | DFO | IC |
| 2019 | 9 | 17166 | Sierra Pacific Power Co | Electric Utility | Brunswick | NV | 6510 | 2 | 2.0 | Petroleum Liquids | DFO | IC |
| 2019 | 9 | 17166 | Sierra Pacific Power Co | Electric Utility | Brunswick | NV | 6510 | 3 | 2.0 | Petroleum Liquids | DFO | IC |
| 2019 | 12 | 195 | Alabama Power Co | Electric Utility | Barry | AL | 3 | 1 | 138.0 | Conventional Steam Coal | BIT | ST |
| 2019 | 12 | 195 | Alabama Power Co | Electric Utility | Barry | AL | 3 | 2 | 137.0 | Conventional Steam Coal | BIT | ST |
| 2019 | 12 | 195 | Alabama Power Co | Electric Utility | Gadsden | AL | 7 | 1 | 64.0 | Conventional Steam Coal | BIT | ST |
| 2019 | 12 | 195 | Alabama Power Co | Electric Utility | Gadsden | AL | 7 | 2 | 66.0 | Conventional Steam Coal | BIT | ST |
| 2019 | 12 | 5701 | El Paso Electric Co | Electric Utility | Newman | TX | 3456 | 1 | 74.0 | Other Natural Gas | NG | ST |
| 2019 | 12 | 5701 | El Paso Electric Co | Electric Utility | Newman | TX | 3456 | 3 | 102.0 | Other Natural Gas | NG | ST |
| 2019 | 12 | 55951 | Exelon Nuclear | IPP | Oyster Creek | NJ | 2388 | 1 | 614.5 | Nuclear | NUC | ST |
| 2019 | 12 | 12686 | Mississippi Power Co | Electric Utility | Jack Watson | MS | 2049 | 1 | 76.0 | Other Natural Gas | NG | ST |
| 2019 | 12 | 12686 | Mississippi Power Co | Electric Utility | Jack Watson | MS | 2049 | 2 | 76.0 | Other Natural Gas | NG | ST |
| 2019 | 12 | 12686 | Mississippi Power Co | Electric Utility | Jack Watson | MS | 2049 | 3 | 107.0 | Other Natural Gas | NG | ST |
| 2019 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Blue Lake | MN | 8027 | 1 | 39.0 | Petroleum Liquids | DFO | GT |
| 2019 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Blue Lake | MN | 8027 | 2 | 39.0 | Petroleum Liquids | DFO | GT |
| 2019 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Blue Lake | MN | 8027 | 3 | 36.0 | Petroleum Liquids | DFO | GT |
| 2019 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Blue Lake | MN | 8027 | 4 | 39.0 | Petroleum Liquids | DFO | GT |
| 2019 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Saxon Falls | WI | 1756 | 1 | 0.5 | Conventional Hydroelectric | WAT | HY |
| 2019 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Saxon Falls | WI | 1756 | 2 | 0.5 | Conventional Hydroelectric | WAT | HY |
| 2019 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Plant X | TX | 3485 | 1 | 38.0 | Other Natural Gas | NG | ST |
| 2019 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Plant X | TX | 3485 | 2 | 90.0 | Other Natural Gas | NG | ST |
| 2020 | 1 | 21622 | The University of Texas at Dallas | Commercial | University of Texas at Dallas | TX | 54607 | GEN1 | 3.5 | Other Natural Gas | NG | IC |
| 2020 | 3 | 18445 | City of Tallahassee - (FL) | Electric Utility | Arvah B Hopkins | FL | 688 | 1 | 76.0 | Other Natural Gas | NG | ST |
| 2020 | 11 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL00 | 0.1 | Other Waste Biomass | OBG | FC |
| 2020 | 11 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL01 | 0.1 | Other Waste Biomass | OBG | FC |
| 2020 | 11 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL02 | 0.1 | Other Waste Biomass | OBG | FC |
| 2020 | 11 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL03 | 0.1 | Other Waste Biomass | OBG | FC |
| 2020 | 11 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL04 | 0.1 | Other Waste Biomass | OBG | FC |
| 2020 | 11 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL05 | 0.1 | Other Waste Biomass | OBG | FC |
| 2020 | 11 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL06 | 0.1 | Other Waste Biomass | OBG | FC |
| 2020 | 11 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL07 | 0.1 | Other Waste Biomass | OBG | FC |
| 2020 | 11 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL08 | 0.1 | Other Waste Biomass | OBG | FC |
| 2020 | 11 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL09 | 0.1 | Other Waste Biomass | OBG | FC |
| 2020 | 11 | 56778 | Bloom Energy 2009 PPA | IPP | Caltech Central | CA | 57460 | CL10 | 0.1 | Other Waste Biomass | OBG | FC |
| 2020 | 12 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Scattergood | CA | 404 | 1 | 174.0 | Other Natural Gas | NG | ST |
| 2020 | 12 | 11208 | Los Angeles Department of Water & Power | Electric Utility | Scattergood | CA | 404 | 2 | 177.0 | Other Natural Gas | NG | ST |
| 2020 | 12 | 15908 | NRG California South LP | IPP | Coolwater | CA | 329 | 30 | 99.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2020 | 12 | 15908 | NRG California South LP | IPP | Coolwater | CA | 329 | 31 | 73.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2020 | 12 | 15908 | NRG California South LP | IPP | Coolwater | CA | 329 | 32 | 73.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2020 | 12 | 15908 | NRG California South LP | IPP | Coolwater | CA | 329 | 40 | 99.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2020 | 12 | 15908 | NRG California South LP | IPP | Coolwater | CA | 329 | 41 | 73.5 | Natural Gas Fired Combined Cycle | NG | CT |
| 2020 | 12 | 15908 | NRG California South LP | IPP | Coolwater | CA | 329 | 42 | 73.5 | Natural Gas Fired Combined Cycle | NG | CT |
| 2020 | 12 | 14232 | Otter Tail Power Co | Electric Utility | Hoot Lake | MN | 1943 | 2 | 58.0 | Conventional Steam Coal | SUB | ST |
| 2020 | 12 | 14232 | Otter Tail Power Co | Electric Utility | Hoot Lake | MN | 1943 | 3 | 80.0 | Conventional Steam Coal | SUB | ST |
| 2020 | 12 | 14232 | Otter Tail Power Co | Electric Utility | Hoot Lake | MN | 1943 | D1 | 0.2 | Petroleum Liquids | DFO | IC |
| 2020 | 12 | 14232 | Otter Tail Power Co | Electric Utility | Hoot Lake | MN | 1943 | D2 | 0.1 | Petroleum Liquids | DFO | IC |
| 2020 | 12 | 15248 | Portland General Electric Co | Electric Utility | Boardman | OR | 6106 | 1 | 585.0 | Conventional Steam Coal | SUB | ST |
| 2020 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Maddox | NM | 2446 | 2 | 61.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2020 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Maddox | NM | 2446 | 3 | 10.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2020 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Nichols | TX | 3484 | 1 | 107.0 | Other Natural Gas | NG | ST |
| 2020 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Plant X | TX | 3485 | 3 | 93.0 | Other Natural Gas | NG | ST |
| 2020 | 12 | 19099 | TransAlta Centralia Gen LLC | IPP | Transalta Centralia Generation | WA | 3845 | 1 | 670.0 | Conventional Steam Coal | SUB | ST |
| 2020 | 12 | 19148 | Veolia Energy Trenton L.P | Commercial | Veolia Energy Trenton L.P. | NJ | 50094 | 7214 | 0.1 | Other Natural Gas | NG | IC |
| 2021 | 1 | 10000 | Kansas City Power & Light Co | Electric Utility | Montrose | MO | 2080 | 2 | 164.0 | Conventional Steam Coal | SUB | ST |
| 2021 | 1 | 10000 | Kansas City Power & Light Co | Electric Utility | Montrose | MO | 2080 | 3 | 176.0 | Conventional Steam Coal | SUB | ST |
| 2021 | 5 | 58435 | Collinwood BioEnergy | Industrial | Collinwood BioEnergy Facility | OH | 58439 | CBE01 | 1.0 | Other Waste Biomass | OBG | IC |
| 2021 | 9 | 17166 | Sierra Pacific Power Co | Electric Utility | Fort Churchill | NV | 2330 | 2 | 113.0 | Other Natural Gas | NG | ST |
| 2021 | 12 | 12686 | Mississippi Power Co | Electric Utility | Sweatt | MS | 2048 | 1 | 46.0 | Other Natural Gas | NG | ST |
| 2021 | 12 | 12686 | Mississippi Power Co | Electric Utility | Sweatt | MS | 2048 | 2 | 46.0 | Other Natural Gas | NG | ST |
| 2021 | 12 | 17166 | Sierra Pacific Power Co | Electric Utility | North Valmy | NV | 8224 | 1 | 254.0 | Conventional Steam Coal | BIT | ST |
| 2022 | 8 | 6909 | Gainesville Regional Utilities | Electric Utility | Deerhaven Generating Station | FL | 663 | 1 | 75.0 | Other Natural Gas | NG | ST |
| 2022 | 9 | 177 | AES Hawaii Inc | Electric CHP | AES Hawaii | HI | 10673 | GEN1 | 180.0 | Conventional Steam Coal | BIT | ST |
| 2022 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Cunningham | NM | 2454 | 1 | 71.0 | Other Natural Gas | NG | ST |
| 2022 | 12 | 17718 | Southwestern Public Service Co | Electric Utility | Nichols | TX | 3484 | 2 | 106.0 | Other Natural Gas | NG | ST |
| 2023 | 1 | 11135 | City of Logan - (UT) | Electric Utility | Hydro III | UT | 3675 | HY1 | 0.7 | Conventional Hydroelectric | WAT | HY |
| 2023 | 1 | 11135 | City of Logan - (UT) | Electric Utility | Hydro III | UT | 3675 | HY2 | 0.7 | Conventional Hydroelectric | WAT | HY |
| 2023 | 3 | 13399 | Nevada Cogeneration Assoc # 1 | Electric CHP | Nevada Cogen Assoc#1 GarnetVly | NV | 54350 | GTA | 21.7 | Natural Gas Fired Combined Cycle | NG | CT |
| 2023 | 3 | 13399 | Nevada Cogeneration Assoc # 1 | Electric CHP | Nevada Cogen Assoc#1 GarnetVly | NV | 54350 | GTB | 21.7 | Natural Gas Fired Combined Cycle | NG | CT |
| 2023 | 3 | 13399 | Nevada Cogeneration Assoc # 1 | Electric CHP | Nevada Cogen Assoc#1 GarnetVly | NV | 54350 | GTC | 21.7 | Natural Gas Fired Combined Cycle | NG | CT |
| 2023 | 3 | 13399 | Nevada Cogeneration Assoc # 1 | Electric CHP | Nevada Cogen Assoc#1 GarnetVly | NV | 54350 | STM | 24.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2023 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Bay Front | WI | 3982 | 4 | 15.0 | Wood/Wood Waste Biomass | WDS | ST |
| 2023 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Bay Front | WI | 3982 | 5 | 18.0 | Wood/Wood Waste Biomass | WDS | ST |
| 2023 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Bay Front | WI | 3982 | 6 | 23.0 | Conventional Steam Coal | SUB | ST |
| 2023 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Cornell | WI | 6086 | 1 | 6.2 | Conventional Hydroelectric | WAT | HY |
| 2023 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Cornell | WI | 6086 | 2 | 6.4 | Conventional Hydroelectric | WAT | HY |
| 2023 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Cornell | WI | 6086 | 3 | 6.9 | Conventional Hydroelectric | WAT | HY |
| 2023 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Cornell | WI | 6086 | 4 | 0.4 | Conventional Hydroelectric | WAT | HY |

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

| Year | Month | Entity ID | Entity Name | Plant Producer Type | Plant Name | Plant State | Plant ID | Generator ID | Net Summer Capacity (MW) | Technology | Energy Source Code | Prime Mover Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2023 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | French Island | WI | 4005 | 1 | 9.0 | Wood/Wood Waste Biomass | WDS | ST |
| 2023 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | French Island | WI | 4005 | 2 | 8.0 | Wood/Wood Waste Biomass | WDS | ST |
| 2023 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | French Island | WI | 4005 | 3 | 61.0 | Petroleum Liquids | DFO | GT |
| 2023 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | French Island | WI | 4005 | 4 | 61.0 | Petroleum Liquids | DFO | GT |
| 2023 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Granite City | MN | 1910 | 1 | 13.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2023 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Granite City | MN | 1910 | 2 | 13.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2023 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Granite City | MN | 1910 | 3 | 13.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2023 | 12 | 13781 | Northern States Power Co - Minnesota | Electric Utility | Granite City | MN | 1910 | 4 | 13.0 | Natural Gas Fired Combustion Turbine | NG | GT |
| 2023 | 12 | 14063 | Oklahoma Gas & Electric Co | Electric Utility | Horseshoe Lake | OK | 2951 | 6 | 169.0 | Other Natural Gas | NG | ST |
| 2034 | 4 | 58944 | Enerparc CA 1, LLC | IPP | Enerparc CA1 LLC | CA | 59122 | ECA11 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2034 | 10 | 58976 | Clenera Renewable Energy LLC | IPP | Lancaster Solar 2 | CA | 59169 | LS2 | 1.5 | Solar Photovoltaic | SUN | PV |
| 2034 | 12 | 58976 | Clenera Renewable Energy LLC | IPP | Avalon Solar | AZ | 59168 | AS | 29.0 | Solar Photovoltaic | SUN | PV |
| 2036 | 7 | 2338 | Calpine Central LP | IPP | Mankato Energy Center | MN | 56104 | CTG2 | 160.0 | Natural Gas Fired Combined Cycle | NG | CT |
| 2036 | 7 | 2338 | Calpine Central LP | IPP | Mankato Energy Center | MN | 56104 | STG1 | 140.0 | Natural Gas Fired Combined Cycle | NG | CA |
| 2045 | 12 | 195 | Alabama Power Co | Electric Utility | Holt Dam | AL | 12 | 1 | 45.0 | Conventional Hydroelectric | WAT | HY |

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

## Table 6.7.A. Capacity Factors for Utility Scale Generators Primarily Using Fossil Fuels, January 2008-December 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 | 60.0% | 48.3% | 4.9% | 10.9% | 6.2% | 12.2% | 0.8% | 2.3% |
| 2014 | 61.1% | 47.8% | 4.8% | 10.0% | NA | 12.9% | 1.1% | 7.1% |
| **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 | 61.7% | 46.5% | 3.6% | 7.7% | 4.7% | 10.3% | 0.7% | 2.7% |
| February | 61.2% | 46.8% | 3.4% | 7.0% | 4.8% | 9.8% | 0.4% | 2.1% |
| March | 58.2% | 44.2% | 4.0% | 7.1% | 5.8% | 9.8% | 0.3% | 2.0% |
| April | 51.6% | 40.5% | 4.3% | 7.6% | 6.2% | 11.8% | 0.6% | 2.5% |
| May | 53.1% | 41.6% | 4.5% | 9.9% | 5.3% | 13.4% | 0.7% | 2.2% |
| June | 63.6% | 50.9% | 5.1% | 15.2% | 7.0% | 15.5% | 0.8% | 1.8% |
| July | 68.0% | 58.3% | 8.5% | 19.1% | 8.5% | 17.6% | 2.1% | 2.4% |
| August | 66.5% | 60.2% | 6.8% | 18.1% | 8.7% | 14.1% | 0.9% | 2.3% |
| Sept | 61.3% | 52.6% | 5.6% | 14.4% | 6.8% | 14.1% | 1.3% | 2.1% |
| October | 54.3% | 45.4% | 3.9% | 8.8% | 5.5% | 12.7% | 0.7% | 2.1% |
| November | 56.2% | 44.9% | 3.9% | 7.2% | 4.6% | 7.3% | 0.6% | 2.3% |
| December | 63.7% | 47.1% | 4.6% | 8.5% | 6.1% | 10.2% | 0.7% | 2.8% |
| **2014** | | | | | | | | |
| January | 71.4% | 46.9% | 6.4% | 9.6% | NA | 19.6% | 3.7% | 7.4% |
| February | 72.0% | 42.2% | 4.2% | 8.8% | NA | 12.5% | 0.8% | 6.4% |
| March | 61.8% | 39.5% | 4.4% | 6.9% | NA | 13.9% | 1.1% | 5.9% |
| April | 51.2% | 40.3% | 3.4% | 6.9% | NA | 9.7% | 0.4% | 5.0% |
| May | 54.1% | 44.3% | 4.8% | 9.6% | NA | 10.6% | 0.6% | 9.6% |
| June | 64.7% | 50.7% | 5.1% | 11.4% | NA | 15.3% | 1.0% | 7.4% |
| July | 68.0% | 57.0% | 5.8% | 14.6% | NA | 16.1% | 1.1% | 8.9% |
| August | 67.6% | 60.5% | 6.1% | 16.2% | NA | 15.3% | 1.5% | 8.4% |
| Sept | 59.3% | 54.8% | 5.2% | 12.3% | NA | 13.7% | 0.8% | 8.1% |
| October | 50.9% | 48.5% | 4.7% | 10.3% | NA | 9.7% | 0.8% | 6.5% |
| November | 56.2% | 42.8% | 4.1% | 7.7% | NA | 7.5% | 1.0% | 6.4% |
| December | 56.8% | 45.6% | 3.3% | 5.7% | NA | 10.7% | 0.6% | 5.8% |

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

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

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

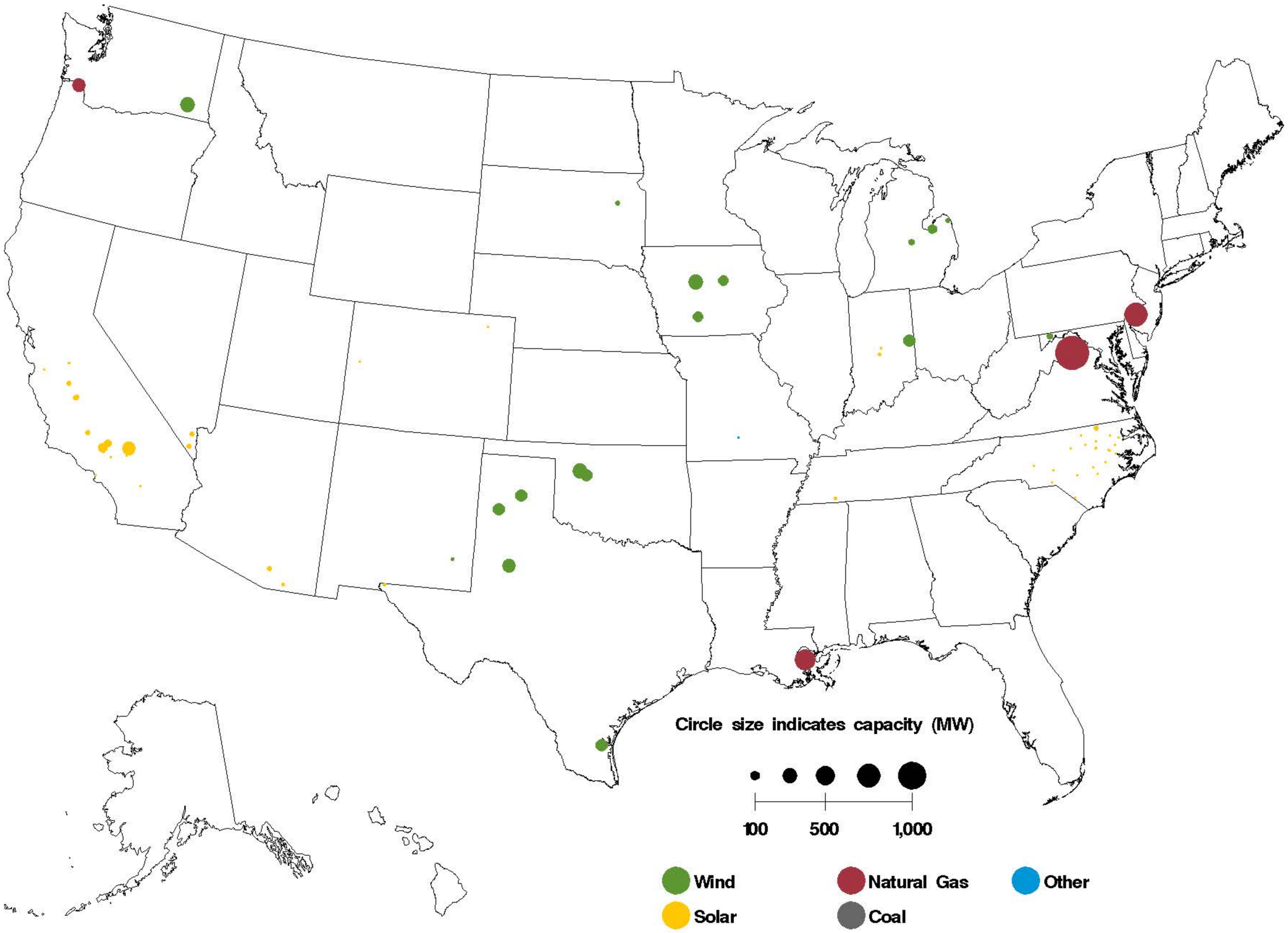
| Period | Nuclear | Conventional Hydropower | Wind | Solar Photovoltaic | Solar Thermal | Landfill Gas and Muncipal Solid Waste | Other Biomass Including Wood | Geothermal |
|---|---|---|---|---|---|---|---|---|
| **Annual Factors** | | | | | | | | |
| 2008 | 91.1% | 37.2% | 31.7% | NA | NA | 69.9% | 66.5% | 74.7% |
| 2009 | 90.3% | 39.6% | 28.1% | NA | NA | 70.2% | 62.1% | 73.3% |
| 2010 | 91.1% | 37.6% | 29.8% | NA | NA | 70.8% | 57.8% | 71.9% |
| 2011 | 89.1% | 45.9% | 32.1% | NA | NA | 70.0% | 56.3% | 71.8% |
| 2012 | 86.1% | 39.6% | 31.8% | NA | NA | 68.0% | 57.3% | 68.2% |
| 2013 | 90.8% | 38.9% | 32.4% | NA | NA | 69.2% | 56.8% | 73.6% |
| 2014 | 91.7% | 37.5% | 33.9% | 27.8% | 19.5% | 68.9% | 52.1% | 68.8% |
| **2012** | | | | | | | | |
| January | 95.8% | 39.0% | 39.0% | NA | NA | 65.8% | 60.1% | 67.4% |
| February | 90.3% | 36.6% | 33.5% | NA | NA | 66.0% | 60.1% | 68.2% |
| March | 81.7% | 43.8% | 39.0% | NA | NA | 65.9% | 55.1% | 66.9% |
| April | 76.4% | 46.0% | 36.5% | NA | NA | 66.7% | 47.5% | 67.6% |
| May | 82.1% | 48.5% | 34.5% | NA | NA | 68.1% | 51.7% | 67.7% |
| June | 89.0% | 46.7% | 33.6% | NA | NA | 69.9% | 59.8% | 67.6% |
| July | 91.3% | 45.0% | 23.6% | NA | NA | 70.8% | 61.6% | 67.7% |
| August | 91.8% | 38.9% | 22.4% | NA | NA | 68.7% | 63.2% | 66.8% |
| Sept | 88.0% | 30.8% | 23.8% | NA | NA | 67.7% | 59.4% | 68.9% |
| October | 78.8% | 27.9% | 32.6% | NA | NA | 67.3% | 54.1% | 68.1% |
| November | 77.3% | 32.6% | 30.0% | NA | NA | 68.7% | 57.1% | 70.8% |
| December | 90.5% | 38.8% | 34.1% | NA | NA | 70.7% | 57.7% | 70.6% |
| **2013** | | | | | | | | |
| January | 96.8% | 42.2% | 33.5% | NA | NA | 66.9% | 56.8% | 77.0% |
| February | 92.2% | 38.3% | 35.4% | NA | NA | 65.7% | 56.3% | 76.2% |
| March | 85.1% | 34.8% | 35.9% | NA | NA | 69.5% | 55.7% | 76.8% |
| April | 79.2% | 44.3% | 41.2% | NA | NA | 67.4% | 44.7% | 73.4% |
| May | 85.1% | 48.4% | 37.0% | NA | NA | 70.6% | 50.5% | 71.7% |
| June | 93.1% | 48.2% | 32.4% | NA | NA | 71.2% | 54.9% | 72.5% |
| July | 95.6% | 46.7% | 25.3% | NA | NA | 71.3% | 58.4% | 73.5% |
| August | 96.7% | 37.1% | 22.0% | NA | NA | 72.1% | 64.9% | 72.7% |
| Sept | 92.2% | 29.9% | 27.5% | NA | NA | 69.6% | 61.2% | 73.8% |
| October | 85.7% | 29.2% | 31.1% | NA | NA | 66.8% | 57.9% | 74.8% |
| November | 91.0% | 31.1% | 37.0% | NA | NA | 69.6% | 61.0% | 68.7% |
| December | 96.6% | 35.9% | 31.3% | NA | NA | 69.4% | 58.7% | 72.9% |
| **2014** | | | | | | | | |
| January | 99.0% | 36.3% | 40.4% | NA | NA | 63.5% | 56.5% | 67.9% |
| February | 93.9% | 32.5% | 34.5% | NA | NA | 61.4% | 55.6% | 67.3% |
| March | 84.4% | 41.3% | 39.6% | NA | NA | 69.2% | 53.2% | 67.6% |
| April | 78.8% | 44.6% | 43.2% | NA | NA | 68.9% | 39.1% | 68.7% |
| May | 85.2% | 45.3% | 34.5% | NA | NA | 70.9% | 42.4% | 68.4% |
| June | 95.4% | 45.8% | 36.1% | NA | NA | 70.4% | 56.1% | 68.7% |
| July | 97.4% | 41.9% | 26.7% | NA | NA | 72.3% | 56.0% | 67.8% |
| August | 96.3% | 33.9% | 22.5% | 31.9% | 25.0% | 72.0% | 56.0% | 68.0% |
| Sept | 94.5% | 28.0% | 26.0% | 32.0% | 25.9% | 69.7% | 52.3% | 69.3% |
| October | 84.5% | 29.0% | 31.5% | 26.7% | 20.8% | 68.4% | 51.2% | 69.1% |
| November | 91.2% | 33.0% | 42.3% | 23.4% | 13.4% | 71.4% | 54.1% | 72.2% |
| December | 99.5% | 38.4% | 30.4% | 15.6% | 5.5% | 68.3% | 52.6% | 70.4% |

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

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

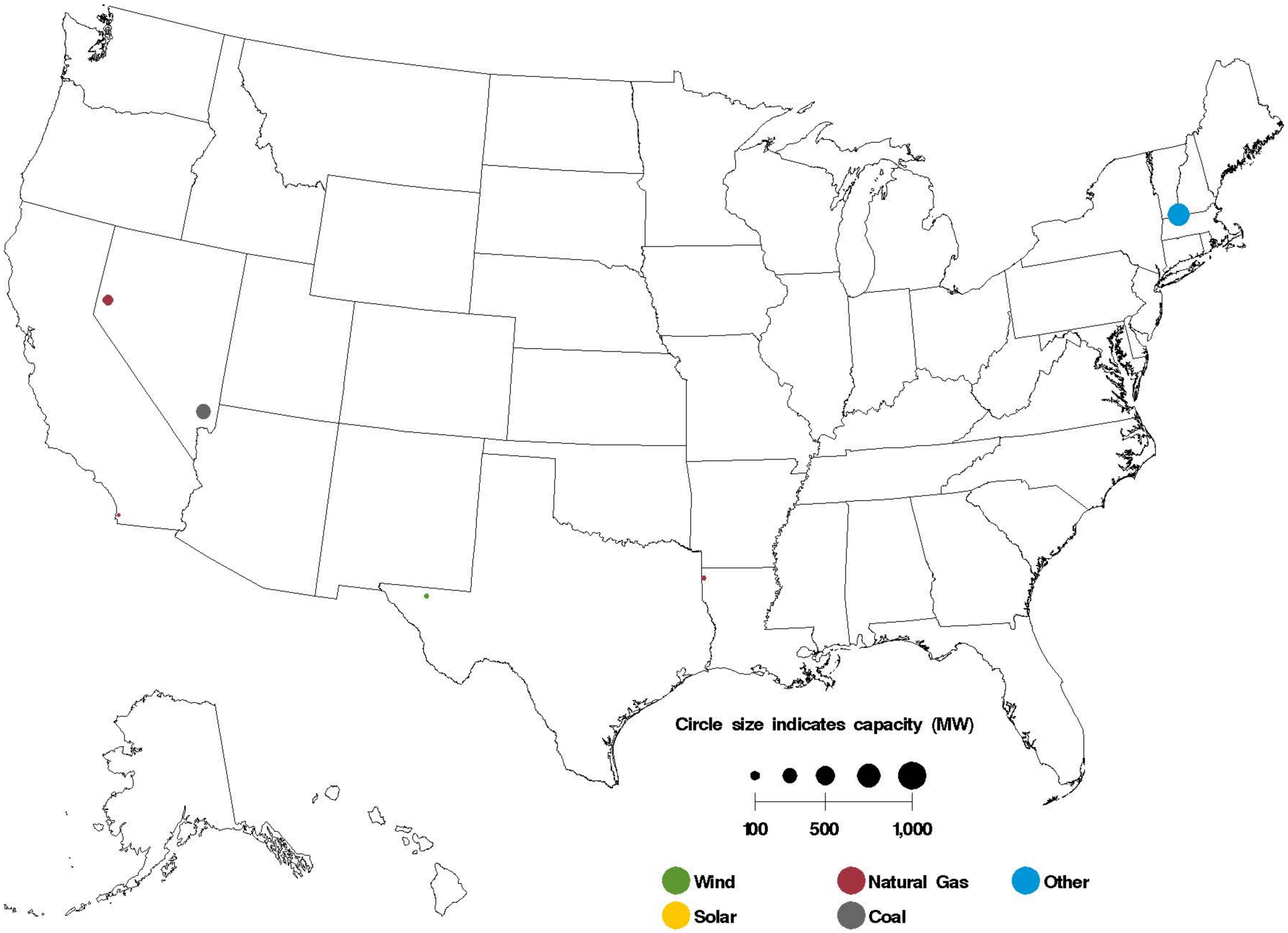
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

# Figure 6.1.A. Utility Scale Generating Units Added in December 2014



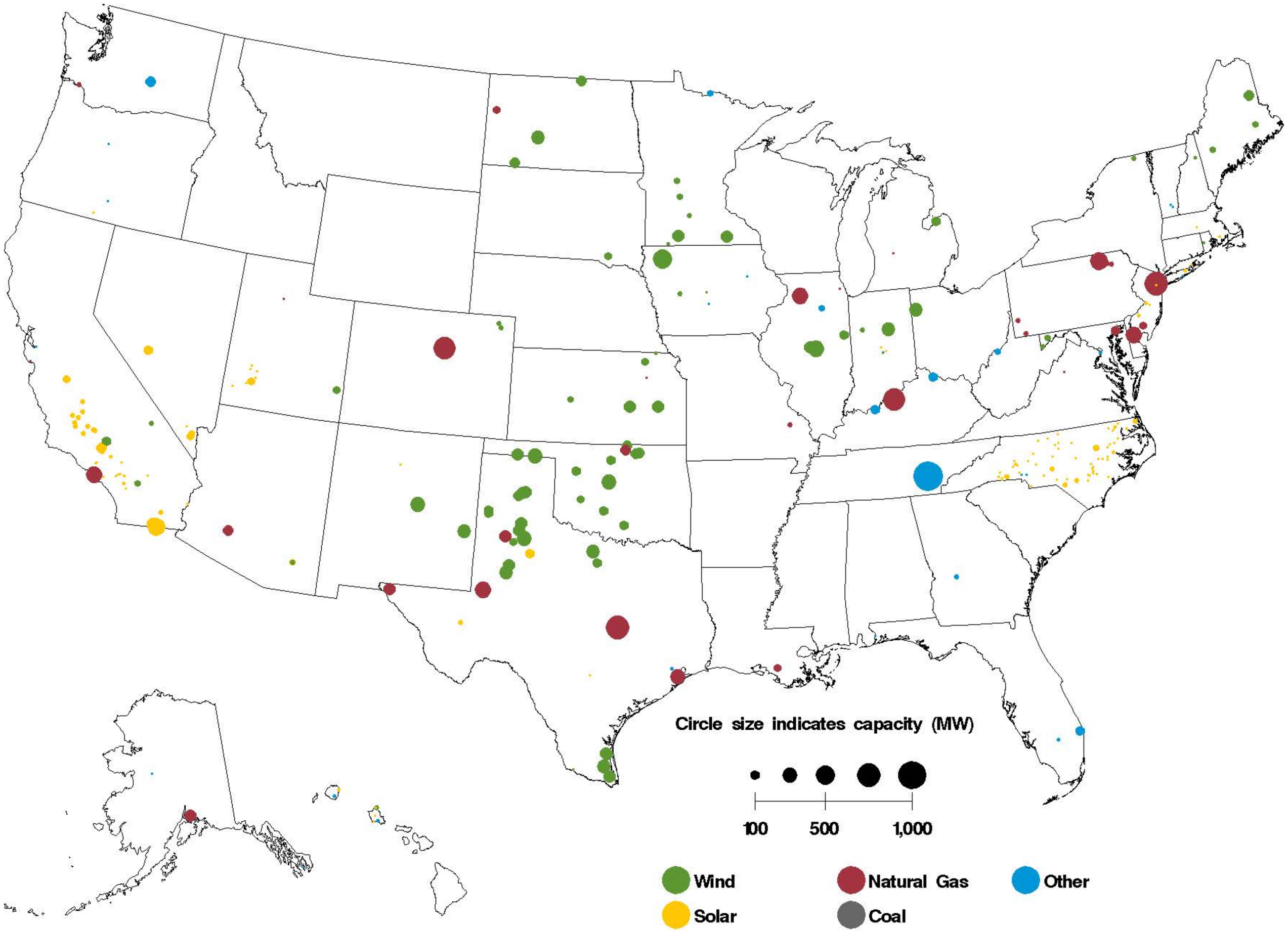

Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

# Figure 6.1.B. Utility Scale Generating Units Retired in December 2014



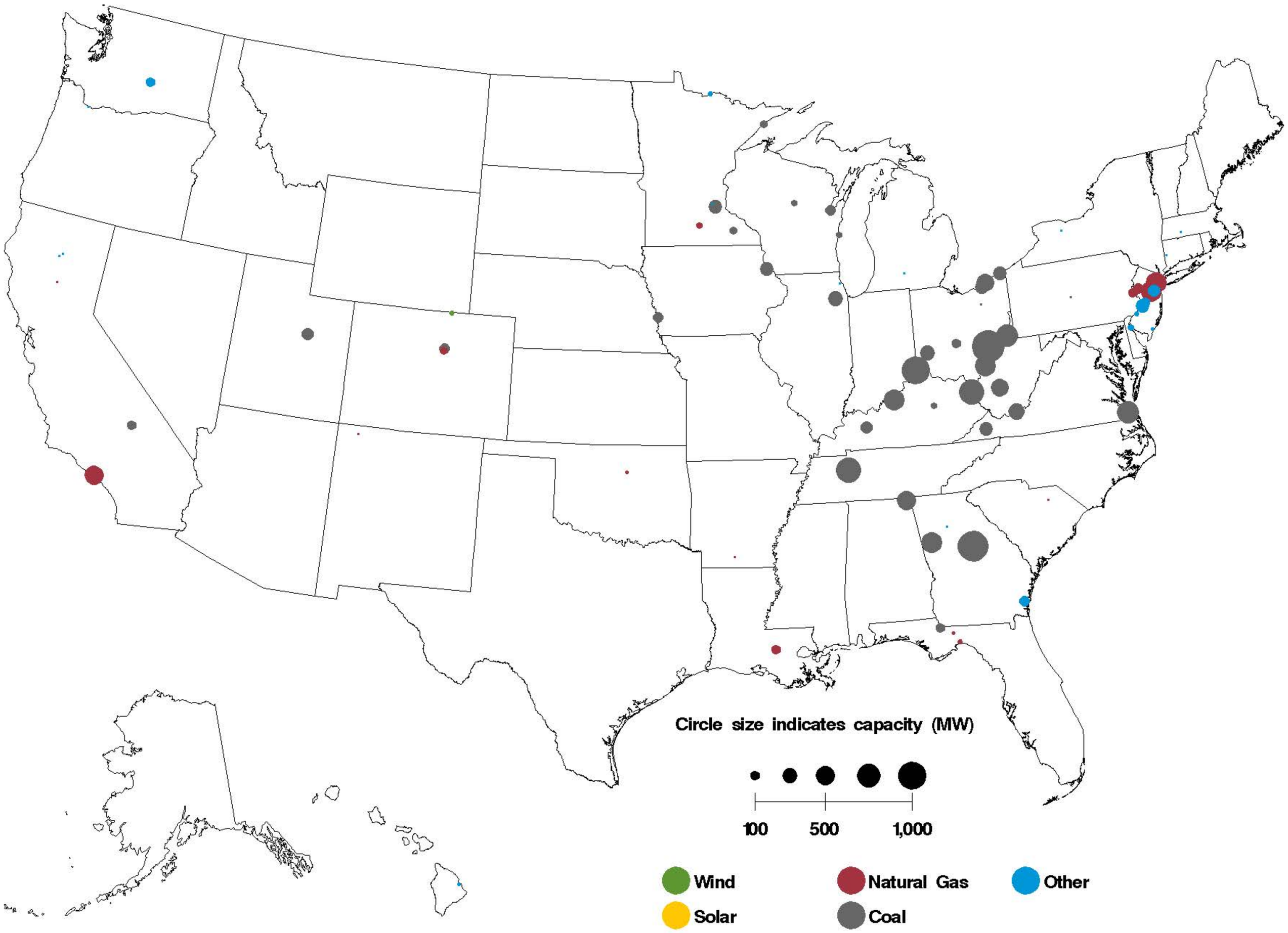

Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

# Figure 6.1.C. Utility Scale Generating Units Planned to Come Online from January 2015 to December 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 January 2015 to December 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, December 2014

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **1** | **13** | **0** | **2** | **0** | **0** | **7** |
| Connecticut | 0 | 15 | 0 | 2 | 0 | 0 | 41 |
| Maine | 0 | 54 | 0 | 8 | 0 | 0 | 10 |
| Massachusetts | 2 | 20 | 0 | 4 | 0 | 0 | 20 |
| New Hampshire | 0 | 48 | 0 | 2 | 0 | 0 | 12 |
| Rhode Island | 0 | 84 | 0 | 2 | 0 | 0 | 393 |
| Vermont | 0 | 169 | 0 | 0 | 0 | 0 | 23 |
| **Middle Atlantic** | **1** | **7** | **69** | **1** | **9** | **0** | **2** |
| New Jersey | 0 | 11 | 152 | 2 | 27 | 0 | 230 |
| New York | 4 | 10 | 0 | 3 | 0 | 0 | 2 |
| Pennsylvania | 2 | 10 | 78 | 2 | 7 | 0 | 7 |
| **East North Central** | **0** | **3** | **4** | **1** | **5** | **0** | **15** |
| Illinois | 0 | 6 | 0 | 6 | 22 | 0 | 62 |
| Indiana | 0 | 6 | 0 | 3 | 5 | 0 | 14 |
| Michigan | 3 | 5 | 16 | 4 | 11 | 0 | 27 |
| Ohio | 1 | 6 | 4 | 1 | 13 | 0 | 35 |
| Wisconsin | 1 | 11 | 0 | 2 | 0 | 0 | 23 |
| **West North Central** | **1** | **7** | **106** | **4** | **58** | **0** | **6** |
| Iowa | 3 | 27 | 106 | 11 | 0 | 0 | 37 |
| Kansas | 0 | 7 | 0 | 26 | 0 | 0 | 219 |
| Minnesota | 4 | 33 | 0 | 4 | 0 | 0 | 45 |
| Missouri | 0 | 5 | 0 | 8 | 0 | 0 | 9 |
| Nebraska | 3 | 48 | 0 | 11 | 0 | 0 | 31 |
| North Dakota | 5 | 12 | 0 | 130 | 58 | 0 | 0 |
| South Dakota | 0 | 147 | 0 | 5 | 0 | 0 | 0 |
| **South Atlantic** | **0** | **3** | **0** | **0** | **0** | **0** | **5** |
| Delaware | 0 | 16 | 0 | 4 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | 0 | 159 | 0 | 0 | 0 |
| Florida | 0 | 6 | 0 | 1 | 0 | 0 | 51 |
| Georgia | 0 | 7 | 0 | 0 | 0 | 0 | 10 |
| Maryland | 0 | 18 | 0 | 15 | 0 | 0 | 2 |
| North Carolina | 1 | 5 | 0 | 0 | 0 | 0 | 8 |
| South Carolina | 0 | 10 | 0 | 2 | 0 | 0 | 14 |
| Virginia | 1 | 3 | 0 | 1 | 0 | 0 | 18 |
| West Virginia | 0 | 0 | 0 | 5 | 0 | 0 | 12 |
| **East South Central** | **0** | **5** | **0** | **1** | **16** | **0** | **3** |
| Alabama | 1 | 18 | 0 | 1 | 16 | 0 | 3 |
| Kentucky | 1 | 5 | 0 | 11 | 0 | 0 | 4 |
| Mississippi | 0 | 19 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 0 | 3 | 0 | 3 | 0 | 0 | 5 |
| **West South Central** | **0** | **3** | **4** | **1** | **3** | **0** | **8** |
| Arkansas | 0 | 0 | 0 | 1 | 0 | 0 | 11 |
| Louisiana | 0 | 1 | 4 | 1 | 5 | 0 | 0 |
| Oklahoma | 1 | 51 | 0 | 1 | 0 | 0 | 16 |
| Texas | 0 | 5 | 41 | 1 | 4 | 0 | 47 |
| **Mountain** | **1** | **7** | **0** | **1** | **4** | **0** | **3** |
| Arizona | 0 | 4 | 0 | 1 | 0 | 0 | 2 |
| Colorado | 0 | 43 | 0 | 2 | 0 | 0 | 27 |
| Idaho | 70 | 1,051 | 0 | 4 | 0 | 0 | 9 |
| Montana | 9 | 26 | 0 | 83 | 0 | 0 | 4 |
| Nevada | 0 | 3 | 0 | 1 | 0 | 0 | 6 |
| New Mexico | 0 | 13 | 0 | 5 | 0 | 0 | 108 |
| Utah | 1 | 37 | 0 | 5 | 0 | 0 | 47 |
| Wyoming | 3 | 4 | 0 | 24 | 4 | 0 | 25 |
| **Pacific Contiguous** | **0** | **14** | **409** | **1** | **6** | **0** | **1** |
| California | 6 | 20 | 409 | 2 | 7 | 0 | 9 |
| Oregon | 0 | 20 | 0 | 1 | 0 | 0 | 2 |
| Washington | 0 | 33 | 0 | 5 | 0 | 0 | 1 |
| **Pacific Noncontiguous** | **6** | **2** | **0** | **12** | **124** | **0** | **17** |
| Alaska | 16 | 6 | 0 | 12 | 0 | 0 | 17 |
| Hawaii | 4 | 3 | 0 | 0 | 124 | 0 | 105 |
| **U.S. Total** | **0** | **2** | **2** | **0** | **3** | **0** | **1** |

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

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

**Total (All Sectors) by Census Division and State, December 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** | **24** | **3** | **0** | **5** | **1** |
| Connecticut | 0 | 0 | 0 | 159 | 6 | 0 | 8 | 1 |
| Maine | 0 | 0 | 0 | 0 | 2 | 0 | 12 | 4 |
| Massachusetts | 0 | 0 | 0 | 25 | 8 | 0 | 7 | 2 |
| New Hampshire | 0 | 0 | 0 | 0 | 12 | 0 | 41 | 2 |
| Rhode Island | 0 | 0 | 0 | 135 | 7 | 0 | 0 | 2 |
| Vermont | 0 | 0 | 0 | 94 | 14 | 0 | 0 | 5 |
| **Middle Atlantic** | **0** | **0** | **0** | **24** | **2** | **0** | **4** | **1** |
| New Jersey | 0 | 0 | 0 | 26 | 9 | 0 | 7 | 1 |
| New York | 0 | 0 | 0 | 42 | 3 | 0 | 7 | 1 |
| Pennsylvania | 0 | 0 | 0 | 84 | 3 | 0 | 5 | 1 |
| **East North Central** | **0** | **0** | **0** | **33** | **1** | **0** | **7** | **0** |
| Illinois | 0 | 0 | 0 | 84 | 1 | 0 | 23 | 0 |
| Indiana | 0 | 0 | 0 | 39 | 3 | 0 | 3 | 0 |
| Michigan | 0 | 0 | 0 | 0 | 3 | 0 | 12 | 2 |
| Ohio | 0 | 0 | 0 | 84 | 6 | 0 | 0 | 0 |
| Wisconsin | 0 | 0 | 0 | 0 | 6 | 0 | 37 | 1 |
| **West North Central** | **0** | **0** | **0** | **116** | **1** | **0** | **13** | **1** |
| Iowa | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| Kansas | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Minnesota | 0 | 0 | 0 | 272 | 2 | 0 | 14 | 2 |
| Missouri | 0 | 0 | 0 | 128 | 4 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| North Dakota | 0 | 0 | 0 | 0 | 3 | 0 | 56 | 4 |
| South Dakota | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| **South Atlantic** | **0** | **0** | **0** | **11** | **2** | **0** | **3** | **0** |
| Delaware | 0 | 0 | 0 | 79 | 42 | 0 | 0 | 4 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 159 |
| Florida | 0 | 0 | 0 | 11 | 5 | 0 | 4 | 0 |
| Georgia | 0 | 0 | 0 | 31 | 5 | 0 | 186 | 0 |
| Maryland | 0 | 0 | 0 | 48 | 6 | 0 | 1 | 1 |
| North Carolina | 0 | 0 | 0 | 15 | 7 | 0 | 24 | 0 |
| South Carolina | 0 | 0 | 0 | 224 | 3 | 0 | 12 | 0 |
| Virginia | 0 | 0 | 0 | 0 | 3 | 0 | 6 | 0 |
| West Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **East South Central** | **0** | **0** | **0** | **60** | **5** | **0** | **4** | **0** |
| Alabama | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 1 |
| Kentucky | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 1 |
| Mississippi | 0 | 0 | 0 | 0 | 6 | 0 | 174 | 0 |
| Tennessee | 0 | 0 | 0 | 60 | 13 | 0 | 0 | 1 |
| **West South Central** | **0** | **0** | **0** | **19** | **1** | **0** | **7** | **0** |
| Arkansas | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | 0 | 0 | 9 | 0 | 6 | 1 |
| Oklahoma | 0 | 0 | 0 | 0 | 3 | 0 | 96 | 1 |
| Texas | 0 | 0 | 0 | 19 | 1 | 0 | 12 | 0 |
| **Mountain** | **0** | **4** | **0** | **4** | **1** | **0** | **7** | **1** |
| Arizona | 0 | 0 | 0 | 5 | 4 | 0 | 0 | 0 |
| Colorado | 0 | 0 | 0 | 23 | 1 | 0 | 56 | 1 |
| Idaho | 0 | 50 | 0 | 0 | 5 | 0 | 0 | 6 |
| Montana | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 5 |
| Nevada | 0 | 4 | 0 | 6 | 3 | 0 | 67 | 1 |
| New Mexico | 0 | 177 | 0 | 17 | 4 | 0 | 0 | 1 |
| Utah | 0 | 6 | 0 | 422 | 6 | 0 | 177 | 1 |
| Wyoming | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 |
| **Pacific Contiguous** | **0** | **2** | **0** | **3** | **1** | **0** | **9** | **1** |
| California | 0 | 2 | 0 | 3 | 2 | 0 | 10 | 1 |
| Oregon | 0 | 0 | 0 | 97 | 3 | 0 | 54 | 1 |
| Washington | 0 | 0 | 0 | 0 | 3 | 0 | 18 | 1 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **71** | **9** | **0** | **0** | **3** |
| Alaska | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 8 |
| Hawaii | 0 | 0 | 0 | 71 | 9 | 0 | 0 | 2 |
| **U.S. Total** | **0** | **2** | **0** | **4** | **1** | **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.1.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

### Total (All Sectors) by Census Division and State, Year-to-Date through December 2014

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **1** | **13** | **0** | **2** | **0** | **0** | **7** |
| Connecticut | 0 | 15 | 0 | 2 | 0 | 0 | 41 |
| Maine | 0 | 54 | 0 | 8 | 0 | 0 | 10 |
| Massachusetts | 2 | 20 | 0 | 4 | 0 | 0 | 20 |
| New Hampshire | 0 | 48 | 0 | 2 | 0 | 0 | 12 |
| Rhode Island | 0 | 84 | 0 | 2 | 0 | 0 | 393 |
| Vermont | 0 | 169 | 0 | 0 | 0 | 0 | 23 |
| **Middle Atlantic** | **1** | **7** | **69** | **1** | **9** | **0** | **2** |
| New Jersey | 0 | 11 | 152 | 2 | 27 | 0 | 230 |
| New York | 4 | 10 | 0 | 3 | 0 | 0 | 2 |
| Pennsylvania | 2 | 10 | 78 | 2 | 7 | 0 | 7 |
| **East North Central** | **0** | **3** | **4** | **1** | **5** | **0** | **15** |
| Illinois | 0 | 6 | 0 | 6 | 22 | 0 | 62 |
| Indiana | 0 | 6 | 0 | 3 | 5 | 0 | 14 |
| Michigan | 3 | 5 | 16 | 4 | 11 | 0 | 27 |
| Ohio | 1 | 6 | 4 | 1 | 13 | 0 | 35 |
| Wisconsin | 1 | 11 | 0 | 2 | 0 | 0 | 23 |
| **West North Central** | **1** | **7** | **106** | **4** | **58** | **0** | **6** |
| Iowa | 3 | 27 | 106 | 11 | 0 | 0 | 37 |
| Kansas | 0 | 7 | 0 | 26 | 0 | 0 | 219 |
| Minnesota | 4 | 33 | 0 | 4 | 0 | 0 | 45 |
| Missouri | 0 | 5 | 0 | 8 | 0 | 0 | 9 |
| Nebraska | 3 | 48 | 0 | 11 | 0 | 0 | 31 |
| North Dakota | 5 | 12 | 0 | 130 | 58 | 0 | 0 |
| South Dakota | 0 | 147 | 0 | 5 | 0 | 0 | 0 |
| **South Atlantic** | **0** | **3** | **0** | **0** | **0** | **0** | **5** |
| Delaware | 0 | 16 | 0 | 4 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | 0 | 159 | 0 | 0 | 0 |
| Florida | 0 | 6 | 0 | 1 | 0 | 0 | 51 |
| Georgia | 0 | 7 | 0 | 0 | 0 | 0 | 10 |
| Maryland | 0 | 18 | 0 | 15 | 0 | 0 | 2 |
| North Carolina | 1 | 5 | 0 | 0 | 0 | 0 | 8 |
| South Carolina | 0 | 10 | 0 | 2 | 0 | 0 | 14 |
| Virginia | 1 | 3 | 0 | 1 | 0 | 0 | 18 |
| West Virginia | 0 | 0 | 0 | 5 | 0 | 0 | 12 |
| **East South Central** | **0** | **5** | **0** | **1** | **16** | **0** | **3** |
| Alabama | 1 | 18 | 0 | 1 | 16 | 0 | 3 |
| Kentucky | 1 | 5 | 0 | 11 | 0 | 0 | 4 |
| Mississippi | 0 | 19 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 0 | 3 | 0 | 3 | 0 | 0 | 5 |
| **West South Central** | **0** | **3** | **4** | **1** | **3** | **0** | **8** |
| Arkansas | 0 | 0 | 0 | 1 | 0 | 0 | 11 |
| Louisiana | 0 | 1 | 4 | 1 | 5 | 0 | 0 |
| Oklahoma | 1 | 51 | 0 | 1 | 0 | 0 | 16 |
| Texas | 0 | 5 | 41 | 1 | 4 | 0 | 47 |
| **Mountain** | **1** | **7** | **0** | **1** | **4** | **0** | **3** |
| Arizona | 0 | 4 | 0 | 1 | 0 | 0 | 2 |
| Colorado | 0 | 43 | 0 | 2 | 0 | 0 | 27 |
| Idaho | 70 | 1,051 | 0 | 4 | 0 | 0 | 9 |
| Montana | 9 | 26 | 0 | 83 | 0 | 0 | 4 |
| Nevada | 0 | 3 | 0 | 1 | 0 | 0 | 6 |
| New Mexico | 0 | 13 | 0 | 5 | 0 | 0 | 108 |
| Utah | 1 | 37 | 0 | 5 | 0 | 0 | 47 |
| Wyoming | 3 | 4 | 0 | 24 | 4 | 0 | 25 |
| **Pacific Contiguous** | **0** | **14** | **409** | **1** | **6** | **0** | **1** |
| California | 6 | 20 | 409 | 2 | 7 | 0 | 9 |
| Oregon | 0 | 20 | 0 | 1 | 0 | 0 | 2 |
| Washington | 0 | 33 | 0 | 5 | 0 | 0 | 1 |
| **Pacific Noncontiguous** | **6** | **2** | **0** | **12** | **124** | **0** | **17** |
| Alaska | 16 | 6 | 0 | 12 | 0 | 0 | 17 |
| Hawaii | 4 | 3 | 0 | 0 | 124 | 0 | 105 |
| **U.S. Total** | **0** | **2** | **2** | **0** | **3** | **0** | **1** |

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

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

**Total (All Sectors) by Census Division and State, Year-to-Date through December 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** | **24** | **3** | **0** | **5** | **1** |
| Connecticut | 0 | 0 | 0 | 159 | 6 | 0 | 8 | 1 |
| Maine | 0 | 0 | 0 | 0 | 2 | 0 | 12 | 4 |
| Massachusetts | 0 | 0 | 0 | 25 | 8 | 0 | 7 | 2 |
| New Hampshire | 0 | 0 | 0 | 0 | 12 | 0 | 41 | 2 |
| Rhode Island | 0 | 0 | 0 | 135 | 7 | 0 | 0 | 2 |
| Vermont | 0 | 0 | 0 | 94 | 14 | 0 | 0 | 5 |
| **Middle Atlantic** | **0** | **0** | **0** | **24** | **2** | **0** | **4** | **1** |
| New Jersey | 0 | 0 | 0 | 26 | 9 | 0 | 7 | 1 |
| New York | 0 | 0 | 0 | 42 | 3 | 0 | 7 | 1 |
| Pennsylvania | 0 | 0 | 0 | 84 | 3 | 0 | 5 | 1 |
| **East North Central** | **0** | **0** | **0** | **33** | **1** | **0** | **7** | **0** |
| Illinois | 0 | 0 | 0 | 84 | 1 | 0 | 23 | 0 |
| Indiana | 0 | 0 | 0 | 39 | 3 | 0 | 3 | 0 |
| Michigan | 0 | 0 | 0 | 0 | 3 | 0 | 12 | 2 |
| Ohio | 0 | 0 | 0 | 84 | 6 | 0 | 0 | 0 |
| Wisconsin | 0 | 0 | 0 | 0 | 6 | 0 | 37 | 1 |
| **West North Central** | **0** | **0** | **0** | **116** | **1** | **0** | **13** | **1** |
| Iowa | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| Kansas | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Minnesota | 0 | 0 | 0 | 272 | 2 | 0 | 14 | 2 |
| Missouri | 0 | 0 | 0 | 128 | 4 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| North Dakota | 0 | 0 | 0 | 0 | 3 | 0 | 56 | 4 |
| South Dakota | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| **South Atlantic** | **0** | **0** | **0** | **11** | **2** | **0** | **3** | **0** |
| Delaware | 0 | 0 | 0 | 79 | 42 | 0 | 0 | 4 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 159 |
| Florida | 0 | 0 | 0 | 11 | 5 | 0 | 4 | 0 |
| Georgia | 0 | 0 | 0 | 31 | 5 | 0 | 186 | 0 |
| Maryland | 0 | 0 | 0 | 48 | 6 | 0 | 1 | 1 |
| North Carolina | 0 | 0 | 0 | 15 | 7 | 0 | 24 | 0 |
| South Carolina | 0 | 0 | 0 | 224 | 3 | 0 | 12 | 0 |
| Virginia | 0 | 0 | 0 | 0 | 3 | 0 | 6 | 0 |
| West Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **East South Central** | **0** | **0** | **0** | **60** | **5** | **0** | **4** | **0** |
| Alabama | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 1 |
| Kentucky | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 1 |
| Mississippi | 0 | 0 | 0 | 0 | 6 | 0 | 174 | 0 |
| Tennessee | 0 | 0 | 0 | 60 | 13 | 0 | 0 | 1 |
| **West South Central** | **0** | **0** | **0** | **19** | **1** | **0** | **7** | **0** |
| Arkansas | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | 0 | 0 | 9 | 0 | 6 | 1 |
| Oklahoma | 0 | 0 | 0 | 0 | 3 | 0 | 96 | 1 |
| Texas | 0 | 0 | 0 | 19 | 1 | 0 | 12 | 0 |
| **Mountain** | **0** | **4** | **0** | **4** | **1** | **0** | **7** | **1** |
| Arizona | 0 | 0 | 0 | 5 | 4 | 0 | 0 | 0 |
| Colorado | 0 | 0 | 0 | 23 | 1 | 0 | 56 | 1 |
| Idaho | 0 | 50 | 0 | 0 | 5 | 0 | 0 | 6 |
| Montana | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 5 |
| Nevada | 0 | 4 | 0 | 6 | 3 | 0 | 67 | 1 |
| New Mexico | 0 | 177 | 0 | 17 | 4 | 0 | 0 | 1 |
| Utah | 0 | 6 | 0 | 422 | 6 | 0 | 177 | 1 |
| Wyoming | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 |
| **Pacific Contiguous** | **0** | **2** | **0** | **3** | **1** | **0** | **9** | **1** |
| California | 0 | 2 | 0 | 3 | 2 | 0 | 10 | 1 |
| Oregon | 0 | 0 | 0 | 97 | 3 | 0 | 54 | 1 |
| Washington | 0 | 0 | 0 | 0 | 3 | 0 | 18 | 1 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **71** | **9** | **0** | **0** | **3** |
| Alaska | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 8 |
| Hawaii | 0 | 0 | 0 | 71 | 9 | 0 | 0 | 2 |
| **U.S. Total** | **0** | **2** | **0** | **4** | **1** | **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.2.A. Relative Standard Error (Percent) for Net Generation by Fuel Type: Electric Utilities by Census Division and State, December 2014**

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **0** | **18** | **0** | **0** | **0** | **0** | **19** |
| Connecticut | 0 | 90 | 0 | 0 | 0 | 0 | 136 |
| Maine | 0 | 301 | 0 | 0 | 0 | 0 | 0 |
| Massachusetts | 0 | 16 | 0 | 0 | 0 | 0 | 51 |
| New Hampshire | 0 | 14 | 0 | 0 | 0 | 0 | 14 |
| Rhode Island | 0 | 63 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 161 | 0 | 0 | 0 | 0 | 37 |
| **Middle Atlantic** | **587** | **21** | **0** | **8** | **0** | **0** | **1** |
| New Jersey | 0 | 677 | 0 | 297 | 0 | 0 | 0 |
| New York | 587 | 21 | 0 | 8 | 0 | 0 | 1 |
| Pennsylvania | 0 | 325 | 0 | 0 | 0 | 0 | 6 |
| **East North Central** | **1** | **3** | **0** | **1** | **0** | **0** | **16** |
| Illinois | 0 | 17 | 0 | 0 | 0 | 0 | 122 |
| Indiana | 0 | 4 | 0 | 2 | 0 | 0 | 14 |
| Michigan | 3 | 5 | 0 | 4 | 0 | 0 | 29 |
| Ohio | 1 | 7 | 0 | 2 | 0 | 0 | 35 |
| Wisconsin | 1 | 9 | 0 | 3 | 0 | 0 | 25 |
| **West North Central** | **1** | **6** | **0** | **4** | **0** | **0** | **6** |
| Iowa | 3 | 27 | 0 | 11 | 0 | 0 | 38 |
| Kansas | 0 | 7 | 0 | 26 | 0 | 0 | 0 |
| Minnesota | 4 | 20 | 0 | 4 | 0 | 0 | 65 |
| Missouri | 0 | 5 | 0 | 11 | 0 | 0 | 9 |
| Nebraska | 3 | 48 | 0 | 0 | 0 | 0 | 31 |
| North Dakota | 5 | 11 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 160 | 0 | 5 | 0 | 0 | 0 |
| **South Atlantic** | **0** | **2** | **0** | **0** | **0** | **0** | **6** |
| Delaware | 0 | 802 | 0 | 180 | 0 | 0 | 0 |
| Florida | 0 | 4 | 0 | 1 | 0 | 0 | 51 |
| Georgia | 0 | 2 | 0 | 0 | 0 | 0 | 10 |
| Maryland | 0 | 47 | 0 | 0 | 0 | 0 | 0 |
| North Carolina | 0 | 2 | 0 | 0 | 0 | 0 | 9 |
| South Carolina | 0 | 11 | 0 | 0 | 0 | 0 | 14 |
| Virginia | 0 | 2 | 0 | 0 | 0 | 0 | 18 |
| West Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| **East South Central** | **0** | **2** | **0** | **1** | **0** | **0** | **3** |
| Alabama | 1 | 0 | 0 | 5 | 0 | 0 | 3 |
| Kentucky | 1 | 5 | 0 | 0 | 0 | 0 | 4 |
| Mississippi | 0 | 20 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| **West South Central** | **0** | **1** | **0** | **1** | **0** | **0** | **9** |
| Arkansas | 0 | 1 | 0 | 0 | 0 | 0 | 11 |
| Louisiana | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| Oklahoma | 0 | 19 | 0 | 0 | 0 | 0 | 16 |
| Texas | 0 | 1 | 0 | 2 | 0 | 0 | 49 |
| **Mountain** | **1** | **6** | **0** | **1** | **0** | **0** | **3** |
| Arizona | 0 | 4 | 0 | 1 | 0 | 0 | 2 |
| Colorado | 0 | 43 | 0 | 2 | 0 | 0 | 26 |
| Idaho | 0 | 1,051 | 0 | 11 | 0 | 0 | 9 |
| Montana | 199 | 253 | 0 | 85 | 0 | 0 | 3 |
| Nevada | 0 | 4 | 0 | 0 | 0 | 0 | 1 |
| New Mexico | 0 | 10 | 0 | 6 | 0 | 0 | 108 |
| Utah | 1 | 26 | 0 | 2 | 0 | 0 | 47 |
| Wyoming | 3 | 3 | 0 | 440 | 0 | 0 | 24 |
| **Pacific Contiguous** | **0** | **8** | **0** | **2** | **0** | **0** | **1** |
| California | 0 | 8 | 0 | 3 | 0 | 0 | 9 |
| Oregon | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Washington | 0 | 93 | 0 | 5 | 0 | 0 | 1 |
| **Pacific Noncontiguous** | **0** | **2** | **0** | **12** | **0** | **0** | **17** |
| Alaska | 0 | 6 | 0 | 12 | 0 | 0 | 17 |
| Hawaii | 0 | 3 | 0 | 0 | 0 | 0 | 235 |
| **U.S. Total** | **0** | **2** | **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, December 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** | **179** | **5** | **0** | **0** | **7** |
| Connecticut | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 106 |
| Maine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 301 |
| Massachusetts | 0 | 0 | 0 | 179 | 53 | 0 | 0 | 29 |
| New Hampshire | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 63 |
| Vermont | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| **Middle Atlantic** | **0** | **0** | **0** | **118** | **118** | **0** | **0** | **3** |
| New Jersey | 0 | 0 | 0 | 118 | 118 | 0 | 0 | 22 |
| New York | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Pennsylvania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| **East North Central** | **0** | **0** | **0** | **260** | **3** | **0** | **5** | **1** |
| Illinois | 0 | 0 | 0 | 0 | 126 | 0 | 0 | 0 |
| Indiana | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 |
| Michigan | 0 | 0 | 0 | 0 | 3 | 0 | 138 | 2 |
| Ohio | 0 | 0 | 0 | 260 | 68 | 0 | 0 | 1 |
| Wisconsin | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| **West North Central** | **0** | **0** | **0** | **0** | **1** | **0** | **9** | **1** |
| Iowa | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| Kansas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Minnesota | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 3 |
| Missouri | 0 | 0 | 0 | 0 | 54 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 2 |
| North Dakota | 0 | 0 | 0 | 0 | 3 | 0 | 56 | 4 |
| South Dakota | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **South Atlantic** | **0** | **0** | **0** | **9** | **2** | **0** | **0** | **0** |
| Delaware | 0 | 0 | 0 | 177 | 177 | 0 | 0 | 153 |
| Florida | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 |
| Georgia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 0 | 0 | 0 | 208 | 208 | 0 | 0 | 52 |
| North Carolina | 0 | 0 | 0 | 247 | 247 | 0 | 0 | 0 |
| South Carolina | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 |
| Virginia | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| West Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **East South Central** | **0** | **0** | **0** | **0** | **38** | **0** | **0** | **0** |
| Alabama | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Kentucky | 0 | 0 | 0 | 0 | 38 | 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 | 0 |
| Louisiana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 |
| **Mountain** | **0** | **0** | **0** | **17** | **2** | **0** | **67** | **1** |
| Arizona | 0 | 0 | 0 | 17 | 16 | 0 | 0 | 0 |
| Colorado | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 1 |
| Idaho | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 8 |
| Montana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| Nevada | 0 | 0 | 0 | 0 | 0 | 0 | 67 | 0 |
| New Mexico | 0 | 0 | 0 | 59 | 59 | 0 | 0 | 1 |
| Utah | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Wyoming | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 |
| **Pacific Contiguous** | **0** | **0** | **0** | **25** | **3** | **0** | **0** | **1** |
| California | 0 | 0 | 0 | 26 | 8 | 0 | 0 | 2 |
| Oregon | 0 | 0 | 0 | 221 | 3 | 0 | 0 | 2 |
| Washington | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 1 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **102** | **26** | **0** | **0** | **5** |
| Alaska | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 8 |
| Hawaii | 0 | 0 | 0 | 102 | 14 | 0 | 0 | 3 |
| **U.S. Total** | **0** | **0** | **0** | **12** | **1** | **0** | **5** | **0** |

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

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

### Electric Utilities by Census Division and State, Year-to-Date through December 2014

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **0** | **18** | **0** | **0** | **0** | **0** | **19** |
| Connecticut | 0 | 90 | 0 | 0 | 0 | 0 | 136 |
| Maine | 0 | 301 | 0 | 0 | 0 | 0 | 0 |
| Massachusetts | 0 | 16 | 0 | 0 | 0 | 0 | 51 |
| New Hampshire | 0 | 14 | 0 | 0 | 0 | 0 | 14 |
| Rhode Island | 0 | 63 | 0 | 0 | 0 | 0 | 0 |
| Vermont | 0 | 161 | 0 | 0 | 0 | 0 | 37 |
| **Middle Atlantic** | **587** | **21** | **0** | **8** | **0** | **0** | **1** |
| New Jersey | 0 | 677 | 0 | 297 | 0 | 0 | 0 |
| New York | 587 | 21 | 0 | 8 | 0 | 0 | 1 |
| Pennsylvania | 0 | 325 | 0 | 0 | 0 | 0 | 6 |
| **East North Central** | **1** | **3** | **0** | **1** | **0** | **0** | **16** |
| Illinois | 0 | 17 | 0 | 0 | 0 | 0 | 122 |
| Indiana | 0 | 4 | 0 | 2 | 0 | 0 | 14 |
| Michigan | 3 | 5 | 0 | 4 | 0 | 0 | 29 |
| Ohio | 1 | 7 | 0 | 2 | 0 | 0 | 35 |
| Wisconsin | 1 | 9 | 0 | 3 | 0 | 0 | 25 |
| **West North Central** | **1** | **6** | **0** | **4** | **0** | **0** | **6** |
| Iowa | 3 | 27 | 0 | 11 | 0 | 0 | 38 |
| Kansas | 0 | 7 | 0 | 26 | 0 | 0 | 0 |
| Minnesota | 4 | 20 | 0 | 4 | 0 | 0 | 65 |
| Missouri | 0 | 5 | 0 | 11 | 0 | 0 | 9 |
| Nebraska | 3 | 48 | 0 | 0 | 0 | 0 | 31 |
| North Dakota | 5 | 11 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 160 | 0 | 5 | 0 | 0 | 0 |
| **South Atlantic** | **0** | **2** | **0** | **0** | **0** | **0** | **6** |
| Delaware | 0 | 802 | 0 | 180 | 0 | 0 | 0 |
| Florida | 0 | 4 | 0 | 1 | 0 | 0 | 51 |
| Georgia | 0 | 2 | 0 | 0 | 0 | 0 | 10 |
| Maryland | 0 | 47 | 0 | 0 | 0 | 0 | 0 |
| North Carolina | 0 | 2 | 0 | 0 | 0 | 0 | 9 |
| South Carolina | 0 | 11 | 0 | 0 | 0 | 0 | 14 |
| Virginia | 0 | 2 | 0 | 0 | 0 | 0 | 18 |
| West Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| **East South Central** | **0** | **2** | **0** | **1** | **0** | **0** | **3** |
| Alabama | 1 | 0 | 0 | 5 | 0 | 0 | 3 |
| Kentucky | 1 | 5 | 0 | 0 | 0 | 0 | 4 |
| Mississippi | 0 | 20 | 0 | 0 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| **West South Central** | **0** | **1** | **0** | **1** | **0** | **0** | **9** |
| Arkansas | 0 | 1 | 0 | 0 | 0 | 0 | 11 |
| Louisiana | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| Oklahoma | 0 | 19 | 0 | 0 | 0 | 0 | 16 |
| Texas | 0 | 1 | 0 | 2 | 0 | 0 | 49 |
| **Mountain** | **1** | **6** | **0** | **1** | **0** | **0** | **3** |
| Arizona | 0 | 4 | 0 | 1 | 0 | 0 | 2 |
| Colorado | 0 | 43 | 0 | 2 | 0 | 0 | 26 |
| Idaho | 0 | 1,051 | 0 | 11 | 0 | 0 | 9 |
| Montana | 199 | 253 | 0 | 85 | 0 | 0 | 3 |
| Nevada | 0 | 4 | 0 | 0 | 0 | 0 | 1 |
| New Mexico | 0 | 10 | 0 | 6 | 0 | 0 | 108 |
| Utah | 1 | 26 | 0 | 2 | 0 | 0 | 47 |
| Wyoming | 3 | 3 | 0 | 440 | 0 | 0 | 24 |
| **Pacific Contiguous** | **0** | **8** | **0** | **2** | **0** | **0** | **1** |
| California | 0 | 8 | 0 | 3 | 0 | 0 | 9 |
| Oregon | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Washington | 0 | 93 | 0 | 5 | 0 | 0 | 1 |
| **Pacific Noncontiguous** | **0** | **2** | **0** | **12** | **0** | **0** | **17** |
| Alaska | 0 | 6 | 0 | 12 | 0 | 0 | 17 |
| Hawaii | 0 | 3 | 0 | 0 | 0 | 0 | 235 |
| **U.S. Total** | **0** | **2** | **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.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:**

**Electric Utilities by Census Division and State, Year-to-Date through December 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** | **179** | **5** | **0** | **0** | **7** |
| Connecticut | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 106 |
| Maine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 301 |
| Massachusetts | 0 | 0 | 0 | 179 | 53 | 0 | 0 | 29 |
| New Hampshire | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 63 |
| Vermont | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| **Middle Atlantic** | **0** | **0** | **0** | **118** | **118** | **0** | **0** | **3** |
| New Jersey | 0 | 0 | 0 | 118 | 118 | 0 | 0 | 22 |
| New York | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Pennsylvania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| **East North Central** | **0** | **0** | **0** | **260** | **3** | **0** | **5** | **1** |
| Illinois | 0 | 0 | 0 | 0 | 126 | 0 | 0 | 0 |
| Indiana | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 |
| Michigan | 0 | 0 | 0 | 0 | 3 | 0 | 138 | 2 |
| Ohio | 0 | 0 | 0 | 260 | 68 | 0 | 0 | 1 |
| Wisconsin | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| **West North Central** | **0** | **0** | **0** | **0** | **1** | **0** | **9** | **1** |
| Iowa | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| Kansas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Minnesota | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 3 |
| Missouri | 0 | 0 | 0 | 0 | 54 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 2 |
| North Dakota | 0 | 0 | 0 | 0 | 3 | 0 | 56 | 4 |
| South Dakota | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **South Atlantic** | **0** | **0** | **0** | **9** | **2** | **0** | **0** | **0** |
| Delaware | 0 | 0 | 0 | 177 | 177 | 0 | 0 | 153 |
| Florida | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 |
| Georgia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 0 | 0 | 0 | 208 | 208 | 0 | 0 | 52 |
| North Carolina | 0 | 0 | 0 | 247 | 247 | 0 | 0 | 0 |
| South Carolina | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 |
| Virginia | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| West Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **East South Central** | **0** | **0** | **0** | **0** | **38** | **0** | **0** | **0** |
| Alabama | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Kentucky | 0 | 0 | 0 | 0 | 38 | 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 | 0 |
| Louisiana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 |
| **Mountain** | **0** | **0** | **0** | **17** | **2** | **0** | **67** | **1** |
| Arizona | 0 | 0 | 0 | 17 | 16 | 0 | 0 | 0 |
| Colorado | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 1 |
| Idaho | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 8 |
| Montana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| Nevada | 0 | 0 | 0 | 0 | 0 | 0 | 67 | 0 |
| New Mexico | 0 | 0 | 0 | 59 | 59 | 0 | 0 | 1 |
| Utah | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Wyoming | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 |
| **Pacific Contiguous** | **0** | **0** | **0** | **25** | **3** | **0** | **0** | **1** |
| California | 0 | 0 | 0 | 26 | 8 | 0 | 0 | 2 |
| Oregon | 0 | 0 | 0 | 221 | 3 | 0 | 0 | 2 |
| Washington | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 1 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **102** | **26** | **0** | **0** | **5** |
| Alaska | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 8 |
| Hawaii | 0 | 0 | 0 | 102 | 14 | 0 | 0 | 3 |
| **U.S. Total** | **0** | **0** | **0** | **12** | **1** | **0** | **5** | **0** |

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

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

## Independent Power Producers by Census Division and State, December 2014

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **0** | **16** | **0** | **1** | **0** | **0** | **8** |
| Connecticut | 0 | 12 | 0 | 1 | 0 | 0 | 43 |
| Maine | 0 | 29 | 0 | 1 | 0 | 0 | 11 |
| Massachusetts | 0 | 26 | 0 | 4 | 0 | 0 | 21 |
| New Hampshire | 0 | 2,706 | 0 | 0 | 0 | 0 | 15 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 | 0 | 393 |
| Vermont | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| **Middle Atlantic** | **1** | **8** | **0** | **1** | **0** | **0** | **9** |
| New Jersey | 0 | 9 | 0 | 2 | 0 | 0 | 230 |
| New York | 0 | 19 | 0 | 2 | 0 | 0 | 11 |
| Pennsylvania | 2 | 10 | 0 | 1 | 0 | 0 | 12 |
| **East North Central** | **0** | **2** | **0** | **1** | **11** | **0** | **57** |
| Illinois | 0 | 0 | 0 | 1 | 0 | 0 | 61 |
| Indiana | 0 | 0 | 0 | 11 | 0 | 0 | 0 |
| Michigan | 62 | 9,914 | 0 | 5 | 14 | 0 | 94 |
| Ohio | 0 | 3 | 0 | 1 | 15 | 0 | 0 |
| Wisconsin | 0 | 43 | 0 | 0 | 0 | 0 | 104 |
| **West North Central** | **132** | **290** | **0** | **7** | **0** | **0** | **73** |
| Iowa | 0 | 235 | 0 | 0 | 0 | 0 | 415 |
| Kansas | 0 | 0 | 0 | 0 | 0 | 0 | 219 |
| Minnesota | 0 | 409 | 0 | 38 | 0 | 0 | 78 |
| Missouri | 132 | 0 | 0 | 6 | 0 | 0 | 0 |
| South Dakota | 0 | 343 | 0 | 0 | 0 | 0 | 0 |
| **South Atlantic** | **1** | **5** | **0** | **2** | **0** | **0** | **5** |
| Delaware | 0 | 16 | 0 | 4 | 0 | 0 | 0 |
| Florida | 0 | 329 | 0 | 11 | 0 | 0 | 0 |
| Georgia | 0 | 403 | 0 | 0 | 0 | 0 | 230 |
| Maryland | 0 | 12 | 0 | 9 | 0 | 0 | 2 |
| North Carolina | 39 | 181 | 0 | 0 | 0 | 0 | 105 |
| South Carolina | 0 | 39 | 0 | 26 | 0 | 0 | 81 |
| Virginia | 0 | 3 | 0 | 0 | 0 | 0 | 93 |
| West Virginia | 1 | 0 | 0 | 6 | 0 | 0 | 8 |
| **East South Central** | **0** | **180** | **0** | **0** | **0** | **0** | **267** |
| Alabama | 0 | 180 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | 0 | 0 | 0 | 0 | 267 |
| Mississippi | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **West South Central** | **0** | **0** | **0** | **0** | **0** | **0** | **6** |
| Arkansas | 0 | 0 | 0 | 0 | 0 | 0 | 196 |
| Louisiana | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Texas | 0 | 0 | 0 | 1 | 0 | 0 | 147 |
| **Mountain** | **9** | **35** | **0** | **3** | **0** | **0** | **11** |
| Arizona | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Colorado | 148 | 0 | 0 | 3 | 0 | 0 | 86 |
| Idaho | 0 | 0 | 0 | 4 | 0 | 0 | 49 |
| Montana | 9 | 9 | 0 | 364 | 0 | 0 | 10 |
| Nevada | 0 | 0 | 0 | 8 | 0 | 0 | 140 |
| New Mexico | 0 | 259 | 0 | 5 | 0 | 0 | 0 |
| Utah | 40 | 893 | 0 | 91 | 0 | 0 | 327 |
| Wyoming | 130 | 0 | 0 | 588 | 0 | 0 | 330 |
| **Pacific Contiguous** | **0** | **26** | **409** | **1** | **0** | **0** | **33** |
| California | 723 | 67 | 409 | 2 | 0 | 0 | 59 |
| Oregon | 0 | 0 | 0 | 1 | 0 | 0 | 55 |
| Washington | 0 | 18 | 0 | 0 | 0 | 0 | 51 |
| **Pacific Noncontiguous** | **6** | **6** | **0** | **0** | **0** | **0** | **0** |
| Alaska | 52 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **1** | **4** | **1** | **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.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:**

**Independent Power Producers by Census Division and State, December 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** | **24** | **4** | **0** | **5** | **1** |
| Connecticut | 0 | 0 | 0 | 159 | 6 | 0 | 8 | 1 |
| Maine | 0 | 0 | 0 | 0 | 2 | 0 | 10 | 4 |
| Massachusetts | 0 | 0 | 0 | 26 | 8 | 0 | 7 | 2 |
| New Hampshire | 0 | 0 | 0 | 0 | 13 | 0 | 41 | 2 |
| Rhode Island | 0 | 0 | 0 | 135 | 7 | 0 | 0 | 0 |
| Vermont | 0 | 0 | 0 | 94 | 32 | 0 | 0 | 5 |
| **Middle Atlantic** | **0** | **0** | **0** | **26** | **2** | **0** | **4** | **0** |
| New Jersey | 0 | 0 | 0 | 30 | 10 | 0 | 10 | 1 |
| New York | 0 | 0 | 0 | 42 | 3 | 0 | 5 | 1 |
| Pennsylvania | 0 | 0 | 0 | 90 | 2 | 0 | 6 | 1 |
| **East North Central** | **0** | **0** | **0** | **33** | **2** | **0** | **19** | **0** |
| Illinois | 0 | 0 | 0 | 84 | 1 | 0 | 0 | 0 |
| Indiana | 0 | 0 | 0 | 39 | 3 | 0 | 0 | 2 |
| Michigan | 0 | 0 | 0 | 0 | 4 | 0 | 19 | 2 |
| Ohio | 0 | 0 | 0 | 90 | 6 | 0 | 0 | 0 |
| Wisconsin | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 1 |
| **West North Central** | **0** | **0** | **0** | **116** | **1** | **0** | **34** | **1** |
| Iowa | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Kansas | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Minnesota | 0 | 0 | 0 | 272 | 3 | 0 | 34 | 3 |
| Missouri | 0 | 0 | 0 | 128 | 3 | 0 | 0 | 4 |
| Nebraska | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 |
| South Dakota | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 |
| **South Atlantic** | **0** | **0** | **0** | **14** | **3** | **0** | **5** | **1** |
| Delaware | 0 | 0 | 0 | 88 | 44 | 0 | 0 | 4 |
| Florida | 0 | 0 | 0 | 106 | 5 | 0 | 6 | 6 |
| Georgia | 0 | 0 | 0 | 31 | 13 | 0 | 0 | 1 |
| Maryland | 0 | 0 | 0 | 49 | 7 | 0 | 0 | 0 |
| North Carolina | 0 | 0 | 0 | 16 | 10 | 0 | 24 | 3 |
| South Carolina | 0 | 0 | 0 | 224 | 55 | 0 | 136 | 22 |
| Virginia | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 1 |
| West Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| **East South Central** | **0** | **0** | **0** | **60** | **11** | **0** | **0** | **0** |
| Alabama | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| Mississippi | 0 | 0 | 0 | 0 | 109 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | 0 | 60 | 25 | 0 | 0 | 25 |
| **West South Central** | **0** | **0** | **0** | **19** | **1** | **0** | **130** | **0** |
| Arkansas | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 1 |
| Louisiana | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 2 |
| Texas | 0 | 0 | 0 | 19 | 1 | 0 | 130 | 0 |
| **Mountain** | **0** | **4** | **0** | **4** | **1** | **0** | **3** | **3** |
| Arizona | 0 | 0 | 0 | 5 | 4 | 0 | 0 | 1 |
| Colorado | 0 | 0 | 0 | 22 | 1 | 0 | 119 | 2 |
| Idaho | 0 | 50 | 0 | 0 | 6 | 0 | 0 | 6 |
| Montana | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 6 |
| Nevada | 0 | 4 | 0 | 6 | 3 | 0 | 0 | 3 |
| New Mexico | 0 | 177 | 0 | 16 | 4 | 0 | 0 | 3 |
| Utah | 0 | 11 | 0 | 422 | 8 | 0 | 177 | 21 |
| Wyoming | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 27 |
| **Pacific Contiguous** | **0** | **3** | **0** | **3** | **2** | **0** | **15** | **1** |
| California | 0 | 3 | 0 | 3 | 2 | 0 | 16 | 1 |
| Oregon | 0 | 0 | 0 | 107 | 3 | 0 | 54 | 2 |
| Washington | 0 | 0 | 0 | 0 | 2 | 0 | 38 | 2 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **98** | **12** | **0** | **0** | **4** |
| Alaska | 0 | 0 | 0 | 0 | 63 | 0 | 0 | 44 |
| Hawaii | 0 | 0 | 0 | 98 | 13 | 0 | 0 | 3 |
| **U.S. Total** | **0** | **2** | **0** | **3** | **1** | **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.3.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

### Independent Power Producers by Census Division and State, Year-to-Date through December 2014

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **0** | **16** | **0** | **1** | **0** | **0** | **8** |
| Connecticut | 0 | 12 | 0 | 1 | 0 | 0 | 43 |
| Maine | 0 | 29 | 0 | 1 | 0 | 0 | 11 |
| Massachusetts | 0 | 26 | 0 | 4 | 0 | 0 | 21 |
| New Hampshire | 0 | 2,706 | 0 | 0 | 0 | 0 | 15 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 | 0 | 393 |
| Vermont | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| **Middle Atlantic** | **1** | **8** | **0** | **1** | **0** | **0** | **9** |
| New Jersey | 0 | 9 | 0 | 2 | 0 | 0 | 230 |
| New York | 0 | 19 | 0 | 2 | 0 | 0 | 11 |
| Pennsylvania | 2 | 10 | 0 | 1 | 0 | 0 | 12 |
| **East North Central** | **0** | **2** | **0** | **1** | **11** | **0** | **57** |
| Illinois | 0 | 0 | 0 | 1 | 0 | 0 | 61 |
| Indiana | 0 | 0 | 0 | 11 | 0 | 0 | 0 |
| Michigan | 62 | 9,914 | 0 | 5 | 14 | 0 | 94 |
| Ohio | 0 | 3 | 0 | 1 | 15 | 0 | 0 |
| Wisconsin | 0 | 43 | 0 | 0 | 0 | 0 | 104 |
| **West North Central** | **132** | **290** | **0** | **7** | **0** | **0** | **73** |
| Iowa | 0 | 235 | 0 | 0 | 0 | 0 | 415 |
| Kansas | 0 | 0 | 0 | 0 | 0 | 0 | 219 |
| Minnesota | 0 | 409 | 0 | 38 | 0 | 0 | 78 |
| Missouri | 132 | 0 | 0 | 6 | 0 | 0 | 0 |
| South Dakota | 0 | 343 | 0 | 0 | 0 | 0 | 0 |
| **South Atlantic** | **1** | **5** | **0** | **2** | **0** | **0** | **5** |
| Delaware | 0 | 16 | 0 | 4 | 0 | 0 | 0 |
| Florida | 0 | 329 | 0 | 11 | 0 | 0 | 0 |
| Georgia | 0 | 403 | 0 | 0 | 0 | 0 | 230 |
| Maryland | 0 | 12 | 0 | 9 | 0 | 0 | 2 |
| North Carolina | 39 | 181 | 0 | 0 | 0 | 0 | 105 |
| South Carolina | 0 | 39 | 0 | 26 | 0 | 0 | 81 |
| Virginia | 0 | 3 | 0 | 0 | 0 | 0 | 93 |
| West Virginia | 1 | 0 | 0 | 6 | 0 | 0 | 8 |
| **East South Central** | **0** | **180** | **0** | **0** | **0** | **0** | **267** |
| Alabama | 0 | 180 | 0 | 0 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | 0 | 0 | 0 | 0 | 267 |
| Mississippi | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **West South Central** | **0** | **0** | **0** | **0** | **0** | **0** | **6** |
| Arkansas | 0 | 0 | 0 | 0 | 0 | 0 | 196 |
| Louisiana | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Texas | 0 | 0 | 0 | 1 | 0 | 0 | 147 |
| **Mountain** | **9** | **35** | **0** | **3** | **0** | **0** | **11** |
| Arizona | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Colorado | 148 | 0 | 0 | 3 | 0 | 0 | 86 |
| Idaho | 0 | 0 | 0 | 4 | 0 | 0 | 49 |
| Montana | 9 | 9 | 0 | 364 | 0 | 0 | 10 |
| Nevada | 0 | 0 | 0 | 8 | 0 | 0 | 140 |
| New Mexico | 0 | 259 | 0 | 5 | 0 | 0 | 0 |
| Utah | 40 | 893 | 0 | 91 | 0 | 0 | 327 |
| Wyoming | 130 | 0 | 0 | 588 | 0 | 0 | 330 |
| **Pacific Contiguous** | **0** | **26** | **409** | **1** | **0** | **0** | **33** |
| California | 723 | 67 | 409 | 2 | 0 | 0 | 59 |
| Oregon | 0 | 0 | 0 | 1 | 0 | 0 | 55 |
| Washington | 0 | 18 | 0 | 0 | 0 | 0 | 51 |
| **Pacific Noncontiguous** | **6** | **6** | **0** | **0** | **0** | **0** | **0** |
| Alaska | 52 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **1** | **4** | **1** | **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 December 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** | **24** | **4** | **0** | **5** | **1** |
| Connecticut | 0 | 0 | 0 | 159 | 6 | 0 | 8 | 1 |
| Maine | 0 | 0 | 0 | 0 | 2 | 0 | 10 | 4 |
| Massachusetts | 0 | 0 | 0 | 26 | 8 | 0 | 7 | 2 |
| New Hampshire | 0 | 0 | 0 | 0 | 13 | 0 | 41 | 2 |
| Rhode Island | 0 | 0 | 0 | 135 | 7 | 0 | 0 | 0 |
| Vermont | 0 | 0 | 0 | 94 | 32 | 0 | 0 | 5 |
| **Middle Atlantic** | **0** | **0** | **0** | **26** | **2** | **0** | **4** | **0** |
| New Jersey | 0 | 0 | 0 | 30 | 10 | 0 | 10 | 1 |
| New York | 0 | 0 | 0 | 42 | 3 | 0 | 5 | 1 |
| Pennsylvania | 0 | 0 | 0 | 90 | 2 | 0 | 6 | 1 |
| **East North Central** | **0** | **0** | **0** | **33** | **2** | **0** | **19** | **0** |
| Illinois | 0 | 0 | 0 | 84 | 1 | 0 | 0 | 0 |
| Indiana | 0 | 0 | 0 | 39 | 3 | 0 | 0 | 2 |
| Michigan | 0 | 0 | 0 | 0 | 4 | 0 | 19 | 2 |
| Ohio | 0 | 0 | 0 | 90 | 6 | 0 | 0 | 0 |
| Wisconsin | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 1 |
| **West North Central** | **0** | **0** | **0** | **116** | **1** | **0** | **34** | **1** |
| Iowa | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Kansas | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Minnesota | 0 | 0 | 0 | 272 | 3 | 0 | 34 | 3 |
| Missouri | 0 | 0 | 0 | 128 | 3 | 0 | 0 | 4 |
| Nebraska | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Dakota | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 |
| South Dakota | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 |
| **South Atlantic** | **0** | **0** | **0** | **14** | **3** | **0** | **5** | **1** |
| Delaware | 0 | 0 | 0 | 88 | 44 | 0 | 0 | 4 |
| Florida | 0 | 0 | 0 | 106 | 5 | 0 | 6 | 6 |
| Georgia | 0 | 0 | 0 | 31 | 13 | 0 | 0 | 1 |
| Maryland | 0 | 0 | 0 | 49 | 7 | 0 | 0 | 0 |
| North Carolina | 0 | 0 | 0 | 16 | 10 | 0 | 24 | 3 |
| South Carolina | 0 | 0 | 0 | 224 | 55 | 0 | 136 | 22 |
| Virginia | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 1 |
| West Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| **East South Central** | **0** | **0** | **0** | **60** | **11** | **0** | **0** | **0** |
| Alabama | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 |
| Kentucky | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| Mississippi | 0 | 0 | 0 | 0 | 109 | 0 | 0 | 0 |
| Tennessee | 0 | 0 | 0 | 60 | 25 | 0 | 0 | 25 |
| **West South Central** | **0** | **0** | **0** | **19** | **1** | **0** | **130** | **0** |
| Arkansas | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 1 |
| Louisiana | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 0 |
| Oklahoma | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 2 |
| Texas | 0 | 0 | 0 | 19 | 1 | 0 | 130 | 0 |
| **Mountain** | **0** | **4** | **0** | **4** | **1** | **0** | **3** | **3** |
| Arizona | 0 | 0 | 0 | 5 | 4 | 0 | 0 | 1 |
| Colorado | 0 | 0 | 0 | 22 | 1 | 0 | 119 | 2 |
| Idaho | 0 | 50 | 0 | 0 | 6 | 0 | 0 | 6 |
| Montana | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 6 |
| Nevada | 0 | 4 | 0 | 6 | 3 | 0 | 0 | 3 |
| New Mexico | 0 | 177 | 0 | 16 | 4 | 0 | 0 | 3 |
| Utah | 0 | 11 | 0 | 422 | 8 | 0 | 177 | 21 |
| Wyoming | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 27 |
| **Pacific Contiguous** | **0** | **3** | **0** | **3** | **2** | **0** | **15** | **1** |
| California | 0 | 3 | 0 | 3 | 2 | 0 | 16 | 1 |
| Oregon | 0 | 0 | 0 | 107 | 3 | 0 | 54 | 2 |
| Washington | 0 | 0 | 0 | 0 | 2 | 0 | 38 | 2 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **98** | **12** | **0** | **0** | **4** |
| Alaska | 0 | 0 | 0 | 0 | 63 | 0 | 0 | 44 |
| Hawaii | 0 | 0 | 0 | 98 | 13 | 0 | 0 | 3 |
| **U.S. Total** | **0** | **2** | **0** | **3** | **1** | **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, December 2014

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **0** | **45** | **0** | **34** | **0** | **0** | **342** |
| Connecticut | 0 | 466 | 0 | 76 | 0 | 0 | 0 |
| Maine | 0 | 384 | 0 | 249 | 0 | 0 | 0 |
| Massachusetts | 0 | 45 | 0 | 28 | 0 | 0 | 342 |
| New Hampshire | 0 | 153 | 0 | 306 | 0 | 0 | 0 |
| Rhode Island | 0 | 159 | 0 | 218 | 0 | 0 | 0 |
| Vermont | 0 | 628 | 0 | 0 | 0 | 0 | 0 |
| **Middle Atlantic** | **96** | **54** | **0** | **30** | **0** | **0** | **347** |
| New Jersey | 0 | 475 | 0 | 100 | 0 | 0 | 0 |
| New York | 0 | 57 | 0 | 30 | 0 | 0 | 347 |
| Pennsylvania | 96 | 155 | 0 | 129 | 0 | 0 | 0 |
| **East North Central** | **14** | **320** | **0** | **22** | **0** | **0** | **668** |
| Illinois | 31 | 505 | 0 | 33 | 0 | 0 | 668 |
| Indiana | 12 | 1,478 | 0 | 167 | 0 | 0 | 0 |
| Michigan | 0 | 66 | 0 | 22 | 0 | 0 | 0 |
| Ohio | 125 | 757 | 0 | 102 | 0 | 0 | 0 |
| Wisconsin | 195 | 499 | 0 | 81 | 0 | 0 | 0 |
| **West North Central** | **26** | **154** | **0** | **64** | **0** | **0** | **0** |
| Iowa | 40 | 555 | 0 | 117 | 0 | 0 | 0 |
| Minnesota | 0 | 165 | 0 | 78 | 0 | 0 | 0 |
| Missouri | 0 | 1,080 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | 0 | 1,622 | 0 | 0 | 0 |
| North Dakota | 0 | 866 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 1,296 | 0 | 0 | 0 | 0 | 0 |
| **South Atlantic** | **20** | **104** | **0** | **57** | **0** | **0** | **145** |
| District of Columbia | 0 | 0 | 0 | 159 | 0 | 0 | 0 |
| Florida | 0 | 0 | 0 | 155 | 0 | 0 | 0 |
| Georgia | 0 | 167 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 187 | 117 | 0 | 67 | 0 | 0 | 0 |
| North Carolina | 0 | 626 | 0 | 0 | 0 | 0 | 143 |
| South Carolina | 0 | 541 | 0 | 263 | 0 | 0 | 417 |
| Virginia | 0 | 280 | 0 | 552 | 0 | 0 | 0 |
| **East South Central** | **119** | **769** | **0** | **90** | **0** | **0** | **0** |
| Mississippi | 0 | 0 | 0 | 224 | 0 | 0 | 0 |
| Tennessee | 119 | 769 | 0 | 97 | 0 | 0 | 0 |
| **West South Central** | **0** | **336** | **0** | **29** | **0** | **0** | **0** |
| Arkansas | 0 | 0 | 0 | 1,073 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | 0 | 77 | 0 | 0 | 0 |
| Oklahoma | 0 | 19,167 | 0 | 167 | 0 | 0 | 0 |
| Texas | 0 | 335 | 0 | 31 | 0 | 0 | 0 |
| **Mountain** | **0** | **1,091** | **0** | **33** | **0** | **0** | **389** |
| Arizona | 0 | 1,091 | 0 | 56 | 0 | 0 | 0 |
| Colorado | 0 | 0 | 0 | 0 | 0 | 0 | 389 |
| Nevada | 0 | 0 | 0 | 76 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | 0 | 75 | 0 | 0 | 0 |
| Utah | 0 | 0 | 0 | 70 | 0 | 0 | 0 |
| **Pacific Contiguous** | **0** | **321** | **0** | **17** | **0** | **0** | **1,362** |
| California | 0 | 406 | 0 | 18 | 0 | 0 | 1,362 |
| Oregon | 0 | 1,131 | 0 | 93 | 0 | 0 | 0 |
| Washington | 0 | 331 | 0 | 195 | 0 | 0 | 0 |
| **Pacific Noncontiguous** | **16** | **87** | **0** | **359** | **0** | **0** | **0** |
| Alaska | 16 | 145 | 0 | 359 | 0 | 0 | 0 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **11** | **33** | **0** | **11** | **0** | **0** | **133** |

Displayed values of zero may 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, December 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** | **351** | **26** | **0** | **34** | **23** |
| Connecticut | 0 | 0 | 0 | 0 | 63 | 0 | 70 | 63 |
| Maine | 0 | 0 | 0 | 0 | 34 | 0 | 38 | 36 |
| Massachusetts | 0 | 0 | 0 | 351 | 83 | 0 | 0 | 24 |
| New Hampshire | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 90 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 177 |
| Vermont | 0 | 0 | 0 | 0 | 349 | 0 | 0 | 306 |
| **Middle Atlantic** | **0** | **0** | **0** | **52** | **9** | **0** | **11** | **15** |
| New Jersey | 0 | 0 | 0 | 52 | 13 | 0 | 0 | 28 |
| New York | 0 | 0 | 0 | 0 | 20 | 0 | 26 | 19 |
| Pennsylvania | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 35 |
| **East North Central** | **0** | **0** | **0** | **367** | **14** | **0** | **17** | **15** |
| Illinois | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| Indiana | 0 | 0 | 0 | 0 | 67 | 0 | 86 | 43 |
| Michigan | 0 | 0 | 0 | 0 | 13 | 0 | 17 | 14 |
| Ohio | 0 | 0 | 0 | 367 | 367 | 0 | 0 | 98 |
| Wisconsin | 0 | 0 | 0 | 0 | 74 | 0 | 0 | 66 |
| **West North Central** | **0** | **0** | **0** | **0** | **29** | **0** | **70** | **21** |
| Iowa | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 33 |
| Minnesota | 0 | 0 | 0 | 0 | 53 | 0 | 70 | 45 |
| Missouri | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | 0 | 0 | 69 | 0 | 0 | 79 |
| North Dakota | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 866 |
| South Dakota | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,296 |
| **South Atlantic** | **0** | **0** | **0** | **53** | **13** | **0** | **15** | **23** |
| Delaware | 0 | 0 | 0 | 0 | 202 | 0 | 0 | 202 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 159 |
| Florida | 0 | 0 | 0 | 435 | 48 | 0 | 0 | 76 |
| Georgia | 0 | 0 | 0 | 396 | 60 | 0 | 0 | 58 |
| Maryland | 0 | 0 | 0 | 225 | 68 | 0 | 475 | 58 |
| North Carolina | 0 | 0 | 0 | 55 | 33 | 0 | 0 | 22 |
| South Carolina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 220 |
| Virginia | 0 | 0 | 0 | 0 | 12 | 0 | 15 | 10 |
| **East South Central** | **0** | **0** | **0** | **700** | **700** | **0** | **0** | **80** |
| Mississippi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 224 |
| Tennessee | 0 | 0 | 0 | 700 | 700 | 0 | 0 | 85 |
| **West South Central** | **0** | **0** | **0** | **389** | **68** | **0** | **0** | **28** |
| Arkansas | 0 | 0 | 0 | 0 | 130 | 0 | 0 | 210 |
| Louisiana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 |
| Oklahoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 167 |
| Texas | 0 | 0 | 0 | 389 | 72 | 0 | 0 | 29 |
| **Mountain** | **0** | **0** | **0** | **69** | **86** | **0** | **0** | **31** |
| Arizona | 0 | 0 | 0 | 118 | 118 | 0 | 0 | 52 |
| Colorado | 0 | 0 | 0 | 188 | 202 | 0 | 0 | 133 |
| Nevada | 0 | 0 | 0 | 89 | 89 | 0 | 0 | 64 |
| New Mexico | 0 | 0 | 0 | 0 | 530 | 0 | 0 | 75 |
| Utah | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 |
| **Pacific Contiguous** | **0** | **0** | **0** | **57** | **9** | **0** | **0** | **11** |
| California | 0 | 0 | 0 | 57 | 9 | 0 | 0 | 11 |
| Oregon | 0 | 0 | 0 | 0 | 66 | 0 | 0 | 71 |
| Washington | 0 | 0 | 0 | 0 | 95 | 0 | 0 | 118 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **0** | **8** | **0** | **0** | **7** |
| Alaska | 0 | 0 | 0 | 0 | 44 | 0 | 0 | 16 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **0** | **0** | **0** | **29** | **6** | **0** | **7** | **6** |

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

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

### Commercial Sector by Census Division and State, Year-to-Date through December 2014

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **0** | **45** | **0** | **34** | **0** | **0** | **342** |
| Connecticut | 0 | 466 | 0 | 76 | 0 | 0 | 0 |
| Maine | 0 | 384 | 0 | 249 | 0 | 0 | 0 |
| Massachusetts | 0 | 45 | 0 | 28 | 0 | 0 | 342 |
| New Hampshire | 0 | 153 | 0 | 306 | 0 | 0 | 0 |
| Rhode Island | 0 | 159 | 0 | 218 | 0 | 0 | 0 |
| Vermont | 0 | 628 | 0 | 0 | 0 | 0 | 0 |
| **Middle Atlantic** | **96** | **54** | **0** | **30** | **0** | **0** | **347** |
| New Jersey | 0 | 475 | 0 | 100 | 0 | 0 | 0 |
| New York | 0 | 57 | 0 | 30 | 0 | 0 | 347 |
| Pennsylvania | 96 | 155 | 0 | 129 | 0 | 0 | 0 |
| **East North Central** | **14** | **320** | **0** | **22** | **0** | **0** | **668** |
| Illinois | 31 | 505 | 0 | 33 | 0 | 0 | 668 |
| Indiana | 12 | 1,478 | 0 | 167 | 0 | 0 | 0 |
| Michigan | 0 | 66 | 0 | 22 | 0 | 0 | 0 |
| Ohio | 125 | 757 | 0 | 102 | 0 | 0 | 0 |
| Wisconsin | 195 | 499 | 0 | 81 | 0 | 0 | 0 |
| **West North Central** | **26** | **154** | **0** | **64** | **0** | **0** | **0** |
| Iowa | 40 | 555 | 0 | 117 | 0 | 0 | 0 |
| Minnesota | 0 | 165 | 0 | 78 | 0 | 0 | 0 |
| Missouri | 0 | 1,080 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | 0 | 1,622 | 0 | 0 | 0 |
| North Dakota | 0 | 866 | 0 | 0 | 0 | 0 | 0 |
| South Dakota | 0 | 1,296 | 0 | 0 | 0 | 0 | 0 |
| **South Atlantic** | **20** | **104** | **0** | **57** | **0** | **0** | **145** |
| District of Columbia | 0 | 0 | 0 | 159 | 0 | 0 | 0 |
| Florida | 0 | 0 | 0 | 155 | 0 | 0 | 0 |
| Georgia | 0 | 167 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 187 | 117 | 0 | 67 | 0 | 0 | 0 |
| North Carolina | 0 | 626 | 0 | 0 | 0 | 0 | 143 |
| South Carolina | 0 | 541 | 0 | 263 | 0 | 0 | 417 |
| Virginia | 0 | 280 | 0 | 552 | 0 | 0 | 0 |
| **East South Central** | **119** | **769** | **0** | **90** | **0** | **0** | **0** |
| Mississippi | 0 | 0 | 0 | 224 | 0 | 0 | 0 |
| Tennessee | 119 | 769 | 0 | 97 | 0 | 0 | 0 |
| **West South Central** | **0** | **336** | **0** | **29** | **0** | **0** | **0** |
| Arkansas | 0 | 0 | 0 | 1,073 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | 0 | 77 | 0 | 0 | 0 |
| Oklahoma | 0 | 19,167 | 0 | 167 | 0 | 0 | 0 |
| Texas | 0 | 335 | 0 | 31 | 0 | 0 | 0 |
| **Mountain** | **0** | **1,091** | **0** | **33** | **0** | **0** | **389** |
| Arizona | 0 | 1,091 | 0 | 56 | 0 | 0 | 0 |
| Colorado | 0 | 0 | 0 | 0 | 0 | 0 | 389 |
| Nevada | 0 | 0 | 0 | 76 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | 0 | 75 | 0 | 0 | 0 |
| Utah | 0 | 0 | 0 | 70 | 0 | 0 | 0 |
| **Pacific Contiguous** | **0** | **321** | **0** | **17** | **0** | **0** | **1,362** |
| California | 0 | 406 | 0 | 18 | 0 | 0 | 1,362 |
| Oregon | 0 | 1,131 | 0 | 93 | 0 | 0 | 0 |
| Washington | 0 | 331 | 0 | 195 | 0 | 0 | 0 |
| **Pacific Noncontiguous** | **16** | **87** | **0** | **359** | **0** | **0** | **0** |
| Alaska | 16 | 145 | 0 | 359 | 0 | 0 | 0 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **11** | **33** | **0** | **11** | **0** | **0** | **133** |

Displayed values of zero may 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 December 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** | **351** | **26** | **0** | **34** | **23** |
| Connecticut | 0 | 0 | 0 | 0 | 63 | 0 | 70 | 63 |
| Maine | 0 | 0 | 0 | 0 | 34 | 0 | 38 | 36 |
| Massachusetts | 0 | 0 | 0 | 351 | 83 | 0 | 0 | 24 |
| New Hampshire | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 90 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 177 |
| Vermont | 0 | 0 | 0 | 0 | 349 | 0 | 0 | 306 |
| **Middle Atlantic** | **0** | **0** | **0** | **52** | **9** | **0** | **11** | **15** |
| New Jersey | 0 | 0 | 0 | 52 | 13 | 0 | 0 | 28 |
| New York | 0 | 0 | 0 | 0 | 20 | 0 | 26 | 19 |
| Pennsylvania | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 35 |
| **East North Central** | **0** | **0** | **0** | **367** | **14** | **0** | **17** | **15** |
| Illinois | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| Indiana | 0 | 0 | 0 | 0 | 67 | 0 | 86 | 43 |
| Michigan | 0 | 0 | 0 | 0 | 13 | 0 | 17 | 14 |
| Ohio | 0 | 0 | 0 | 367 | 367 | 0 | 0 | 98 |
| Wisconsin | 0 | 0 | 0 | 0 | 74 | 0 | 0 | 66 |
| **West North Central** | **0** | **0** | **0** | **0** | **29** | **0** | **70** | **21** |
| Iowa | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 33 |
| Minnesota | 0 | 0 | 0 | 0 | 53 | 0 | 70 | 45 |
| Missouri | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska | 0 | 0 | 0 | 0 | 69 | 0 | 0 | 79 |
| North Dakota | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 866 |
| South Dakota | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,296 |
| **South Atlantic** | **0** | **0** | **0** | **53** | **13** | **0** | **15** | **23** |
| Delaware | 0 | 0 | 0 | 0 | 202 | 0 | 0 | 202 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 159 |
| Florida | 0 | 0 | 0 | 435 | 48 | 0 | 0 | 76 |
| Georgia | 0 | 0 | 0 | 396 | 60 | 0 | 0 | 58 |
| Maryland | 0 | 0 | 0 | 225 | 68 | 0 | 475 | 58 |
| North Carolina | 0 | 0 | 0 | 55 | 33 | 0 | 0 | 22 |
| South Carolina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 220 |
| Virginia | 0 | 0 | 0 | 0 | 12 | 0 | 15 | 10 |
| **East South Central** | **0** | **0** | **0** | **700** | **700** | **0** | **0** | **80** |
| Mississippi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 224 |
| Tennessee | 0 | 0 | 0 | 700 | 700 | 0 | 0 | 85 |
| **West South Central** | **0** | **0** | **0** | **389** | **68** | **0** | **0** | **28** |
| Arkansas | 0 | 0 | 0 | 0 | 130 | 0 | 0 | 210 |
| Louisiana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 |
| Oklahoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 167 |
| Texas | 0 | 0 | 0 | 389 | 72 | 0 | 0 | 29 |
| **Mountain** | **0** | **0** | **0** | **69** | **86** | **0** | **0** | **31** |
| Arizona | 0 | 0 | 0 | 118 | 118 | 0 | 0 | 52 |
| Colorado | 0 | 0 | 0 | 188 | 202 | 0 | 0 | 133 |
| Nevada | 0 | 0 | 0 | 89 | 89 | 0 | 0 | 64 |
| New Mexico | 0 | 0 | 0 | 0 | 530 | 0 | 0 | 75 |
| Utah | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 |
| **Pacific Contiguous** | **0** | **0** | **0** | **57** | **9** | **0** | **0** | **11** |
| California | 0 | 0 | 0 | 57 | 9 | 0 | 0 | 11 |
| Oregon | 0 | 0 | 0 | 0 | 66 | 0 | 0 | 71 |
| Washington | 0 | 0 | 0 | 0 | 95 | 0 | 0 | 118 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **0** | **8** | **0** | **0** | **7** |
| Alaska | 0 | 0 | 0 | 0 | 44 | 0 | 0 | 16 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **0** | **0** | **0** | **29** | **6** | **0** | **7** | **6** |

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

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

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **32** | **80** | **0** | **36** | **0** | **0** | **26** |
| Connecticut | 0 | 456 | 0 | 57 | 0 | 0 | 0 |
| Maine | 0 | 77 | 0 | 49 | 0 | 0 | 24 |
| Massachusetts | 122 | 341 | 0 | 121 | 0 | 0 | 464 |
| New Hampshire | 0 | 403 | 0 | 239 | 0 | 0 | 593 |
| **Middle Atlantic** | **15** | **10** | **69** | **31** | **9** | **0** | **102** |
| New Jersey | 0 | 183 | 152 | 64 | 27 | 0 | 0 |
| New York | 0 | 2 | 0 | 67 | 0 | 0 | 102 |
| Pennsylvania | 23 | 128 | 78 | 40 | 7 | 0 | 0 |
| **East North Central** | **6** | **27** | **37** | **28** | **5** | **0** | **75** |
| Illinois | 8 | 0 | 0 | 67 | 22 | 0 | 0 |
| Indiana | 107 | 10 | 0 | 42 | 5 | 0 | 0 |
| Michigan | 30 | 81 | 93 | 44 | 0 | 0 | 189 |
| Ohio | 16 | 154 | 256 | 162 | 26 | 0 | 0 |
| Wisconsin | 10 | 631 | 0 | 60 | 0 | 0 | 82 |
| **West North Central** | **10** | **219** | **137** | **51** | **58** | **0** | **101** |
| Iowa | 11 | 522 | 137 | 103 | 0 | 0 | 0 |
| Kansas | 0 | 0 | 0 | 102 | 0 | 0 | 0 |
| Minnesota | 24 | 320 | 0 | 67 | 0 | 0 | 101 |
| Missouri | 53 | 0 | 0 | 556 | 0 | 0 | 0 |
| Nebraska | 33 | 0 | 0 | 425 | 0 | 0 | 0 |
| North Dakota | 67 | 347 | 0 | 182 | 58 | 0 | 0 |
| **South Atlantic** | **12** | **25** | **0** | **10** | **0** | **0** | **10** |
| Delaware | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 104 | 63 | 0 | 19 | 0 | 0 | 0 |
| Georgia | 22 | 38 | 0 | 24 | 0 | 0 | 165 |
| Maryland | 0 | 504 | 0 | 203 | 0 | 0 | 0 |
| North Carolina | 89 | 97 | 0 | 53 | 0 | 0 | 18 |
| South Carolina | 0 | 0 | 0 | 107 | 0 | 0 | 0 |
| Virginia | 37 | 85 | 0 | 28 | 0 | 0 | 245 |
| West Virginia | 4 | 0 | 0 | 754 | 0 | 0 | 5 |
| **East South Central** | **7** | **91** | **0** | **10** | **16** | **0** | **17** |
| Alabama | 51 | 96 | 0 | 17 | 16 | 0 | 0 |
| Kentucky | 0 | 0 | 0 | 78 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | 0 | 10 | 0 | 0 | 0 |
| Tennessee | 2 | 356 | 0 | 37 | 0 | 0 | 17 |
| **West South Central** | **64** | **75** | **40** | **2** | **6** | **0** | **0** |
| Arkansas | 0 | 0 | 0 | 27 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | 52 | 2 | 9 | 0 | 0 |
| Oklahoma | 79 | 409 | 0 | 118 | 0 | 0 | 0 |
| Texas | 0 | 265 | 41 | 3 | 9 | 0 | 0 |
| **Mountain** | **30** | **744** | **0** | **19** | **4** | **0** | **0** |
| Colorado | 1,060 | 1,164 | 0 | 217 | 0 | 0 | 0 |
| Idaho | 70 | 0 | 0 | 56 | 0 | 0 | 0 |
| Montana | 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 0 | 0 | 0 | 90 | 0 | 0 | 0 |
| New Mexico | 0 | 1,066 | 0 | 0 | 0 | 0 | 0 |
| Utah | 0 | 1,338 | 0 | 33 | 0 | 0 | 0 |
| Wyoming | 34 | 1,310 | 0 | 13 | 4 | 0 | 0 |
| **Pacific Contiguous** | **0** | **102** | **0** | **6** | **7** | **0** | **0** |
| California | 0 | 281 | 0 | 6 | 7 | 0 | 0 |
| Oregon | 0 | 0 | 0 | 50 | 0 | 0 | 0 |
| Washington | 0 | 102 | 0 | 0 | 0 | 0 | 0 |
| **Pacific Noncontiguous** | **240** | **29** | **0** | **102** | **124** | **0** | **154** |
| Alaska | 0 | 31 | 0 | 102 | 0 | 0 | 0 |
| Hawaii | 240 | 36 | 0 | 0 | 124 | 0 | 154 |
| **U.S. Total** | **5** | **14** | **23** | **2** | **3** | **0** | **10** |

Displayed values of zero may 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, December 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** | **4** | **0** | **26** | **12** |
| Connecticut | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 57 |
| Maine | 0 | 0 | 0 | 0 | 4 | 0 | 26 | 10 |
| Massachusetts | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96 |
| New Hampshire | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 224 |
| **Middle Atlantic** | **0** | **0** | **0** | **221** | **11** | **0** | **0** | **12** |
| New Jersey | 0 | 0 | 0 | 669 | 669 | 0 | 0 | 42 |
| New York | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 17 |
| Pennsylvania | 0 | 0 | 0 | 233 | 15 | 0 | 0 | 16 |
| **East North Central** | **0** | **0** | **0** | **0** | **8** | **0** | **9** | **5** |
| Illinois | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 10 |
| Indiana | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 7 |
| Michigan | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 15 |
| Ohio | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 14 |
| Wisconsin | 0 | 0 | 0 | 0 | 12 | 0 | 58 | 9 |
| **West North Central** | **0** | **0** | **0** | **0** | **13** | **0** | **51** | **9** |
| Iowa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| Kansas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 |
| Minnesota | 0 | 0 | 0 | 0 | 13 | 0 | 51 | 15 |
| Missouri | 0 | 0 | 0 | 0 | 172 | 0 | 0 | 59 |
| Nebraska | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| North Dakota | 0 | 0 | 0 | 0 | 79 | 0 | 0 | 45 |
| **South Atlantic** | **0** | **0** | **0** | **0** | **3** | **0** | **5** | **3** |
| Delaware | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 0 | 0 | 0 | 0 | 9 | 0 | 5 | 7 |
| Georgia | 0 | 0 | 0 | 0 | 5 | 0 | 186 | 5 |
| Maryland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| North Carolina | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 10 |
| South Carolina | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| Virginia | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 8 |
| West Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| **East South Central** | **0** | **0** | **0** | **0** | **5** | **0** | **32** | **4** |
| Alabama | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 7 |
| Kentucky | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 31 |
| Mississippi | 0 | 0 | 0 | 0 | 6 | 0 | 174 | 6 |
| Tennessee | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 7 |
| **West South Central** | **0** | **0** | **0** | **0** | **5** | **0** | **7** | **2** |
| Arkansas | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 6 |
| Louisiana | 0 | 0 | 0 | 0 | 9 | 0 | 6 | 2 |
| Oklahoma | 0 | 0 | 0 | 0 | 27 | 0 | 96 | 33 |
| Texas | 0 | 0 | 0 | 0 | 13 | 0 | 11 | 3 |
| **Mountain** | **0** | **0** | **0** | **287** | **5** | **0** | **63** | **11** |
| Colorado | 0 | 0 | 0 | 0 | 558 | 0 | 62 | 71 |
| Idaho | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 14 |
| Montana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 145 |
| Nevada | 0 | 0 | 0 | 287 | 287 | 0 | 0 | 89 |
| New Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,066 |
| Utah | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| Wyoming | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| **Pacific Contiguous** | **0** | **0** | **0** | **250** | **9** | **0** | **10** | **4** |
| California | 0 | 0 | 0 | 250 | 23 | 0 | 12 | 5 |
| Oregon | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 14 |
| Washington | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 8 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **0** | **26** | **0** | **0** | **28** |
| Alaska | 0 | 0 | 0 | 0 | 99 | 0 | 0 | 50 |
| Hawaii | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 32 |
| **U.S. Total** | **0** | **0** | **0** | **147** | **3** | **0** | **5** | **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 December 2014

| Census Region and State | Coal | Petroleum Liquids | Petroleum Coke | Natural Gas | Other Gases | Nuclear | Hydroelectric Conventional |
|---|---|---|---|---|---|---|---|
| **New England** | **32** | **80** | **0** | **36** | **0** | **0** | **26** |
| Connecticut | 0 | 456 | 0 | 57 | 0 | 0 | 0 |
| Maine | 0 | 77 | 0 | 49 | 0 | 0 | 24 |
| Massachusetts | 122 | 341 | 0 | 121 | 0 | 0 | 464 |
| New Hampshire | 0 | 403 | 0 | 239 | 0 | 0 | 593 |
| **Middle Atlantic** | **15** | **10** | **69** | **31** | **9** | **0** | **102** |
| New Jersey | 0 | 183 | 152 | 64 | 27 | 0 | 0 |
| New York | 0 | 2 | 0 | 67 | 0 | 0 | 102 |
| Pennsylvania | 23 | 128 | 78 | 40 | 7 | 0 | 0 |
| **East North Central** | **6** | **27** | **37** | **28** | **5** | **0** | **75** |
| Illinois | 8 | 0 | 0 | 67 | 22 | 0 | 0 |
| Indiana | 107 | 10 | 0 | 42 | 5 | 0 | 0 |
| Michigan | 30 | 81 | 93 | 44 | 0 | 0 | 189 |
| Ohio | 16 | 154 | 256 | 162 | 26 | 0 | 0 |
| Wisconsin | 10 | 631 | 0 | 60 | 0 | 0 | 82 |
| **West North Central** | **10** | **219** | **137** | **51** | **58** | **0** | **101** |
| Iowa | 11 | 522 | 137 | 103 | 0 | 0 | 0 |
| Kansas | 0 | 0 | 0 | 102 | 0 | 0 | 0 |
| Minnesota | 24 | 320 | 0 | 67 | 0 | 0 | 101 |
| Missouri | 53 | 0 | 0 | 556 | 0 | 0 | 0 |
| Nebraska | 33 | 0 | 0 | 425 | 0 | 0 | 0 |
| North Dakota | 67 | 347 | 0 | 182 | 58 | 0 | 0 |
| **South Atlantic** | **12** | **25** | **0** | **10** | **0** | **0** | **10** |
| Delaware | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 104 | 63 | 0 | 19 | 0 | 0 | 0 |
| Georgia | 22 | 38 | 0 | 24 | 0 | 0 | 165 |
| Maryland | 0 | 504 | 0 | 203 | 0 | 0 | 0 |
| North Carolina | 89 | 97 | 0 | 53 | 0 | 0 | 18 |
| South Carolina | 0 | 0 | 0 | 107 | 0 | 0 | 0 |
| Virginia | 37 | 85 | 0 | 28 | 0 | 0 | 245 |
| West Virginia | 4 | 0 | 0 | 754 | 0 | 0 | 5 |
| **East South Central** | **7** | **91** | **0** | **10** | **16** | **0** | **17** |
| Alabama | 51 | 96 | 0 | 17 | 16 | 0 | 0 |
| Kentucky | 0 | 0 | 0 | 78 | 0 | 0 | 0 |
| Mississippi | 0 | 0 | 0 | 10 | 0 | 0 | 0 |
| Tennessee | 2 | 356 | 0 | 37 | 0 | 0 | 17 |
| **West South Central** | **64** | **75** | **40** | **2** | **6** | **0** | **0** |
| Arkansas | 0 | 0 | 0 | 27 | 0 | 0 | 0 |
| Louisiana | 0 | 0 | 52 | 2 | 9 | 0 | 0 |
| Oklahoma | 79 | 409 | 0 | 118 | 0 | 0 | 0 |
| Texas | 0 | 265 | 41 | 3 | 9 | 0 | 0 |
| **Mountain** | **30** | **744** | **0** | **19** | **4** | **0** | **0** |
| Colorado | 1,060 | 1,164 | 0 | 217 | 0 | 0 | 0 |
| Idaho | 70 | 0 | 0 | 56 | 0 | 0 | 0 |
| Montana | 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada | 0 | 0 | 0 | 90 | 0 | 0 | 0 |
| New Mexico | 0 | 1,066 | 0 | 0 | 0 | 0 | 0 |
| Utah | 0 | 1,338 | 0 | 33 | 0 | 0 | 0 |
| Wyoming | 34 | 1,310 | 0 | 13 | 4 | 0 | 0 |
| **Pacific Contiguous** | **0** | **102** | **0** | **6** | **7** | **0** | **0** |
| California | 0 | 281 | 0 | 6 | 7 | 0 | 0 |
| Oregon | 0 | 0 | 0 | 50 | 0 | 0 | 0 |
| Washington | 0 | 102 | 0 | 0 | 0 | 0 | 0 |
| **Pacific Noncontiguous** | **240** | **29** | **0** | **102** | **124** | **0** | **154** |
| Alaska | 0 | 31 | 0 | 102 | 0 | 0 | 0 |
| Hawaii | 240 | 36 | 0 | 0 | 124 | 0 | 154 |
| **U.S. Total** | **5** | **14** | **23** | **2** | **3** | **0** | **10** |

Displayed values of zero may 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 December 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** | **4** | **0** | **26** | **12** |
| Connecticut | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 57 |
| Maine | 0 | 0 | 0 | 0 | 4 | 0 | 26 | 10 |
| Massachusetts | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96 |
| New Hampshire | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 224 |
| **Middle Atlantic** | **0** | **0** | **0** | **221** | **11** | **0** | **0** | **12** |
| New Jersey | 0 | 0 | 0 | 669 | 669 | 0 | 0 | 42 |
| New York | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 17 |
| Pennsylvania | 0 | 0 | 0 | 233 | 15 | 0 | 0 | 16 |
| **East North Central** | **0** | **0** | **0** | **0** | **8** | **0** | **9** | **5** |
| Illinois | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 10 |
| Indiana | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 7 |
| Michigan | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 15 |
| Ohio | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 14 |
| Wisconsin | 0 | 0 | 0 | 0 | 12 | 0 | 58 | 9 |
| **West North Central** | **0** | **0** | **0** | **0** | **13** | **0** | **51** | **9** |
| Iowa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| Kansas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 |
| Minnesota | 0 | 0 | 0 | 0 | 13 | 0 | 51 | 15 |
| Missouri | 0 | 0 | 0 | 0 | 172 | 0 | 0 | 59 |
| Nebraska | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| North Dakota | 0 | 0 | 0 | 0 | 79 | 0 | 0 | 45 |
| **South Atlantic** | **0** | **0** | **0** | **0** | **3** | **0** | **5** | **3** |
| Delaware | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 0 | 0 | 0 | 0 | 9 | 0 | 5 | 7 |
| Georgia | 0 | 0 | 0 | 0 | 5 | 0 | 186 | 5 |
| Maryland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| North Carolina | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 10 |
| South Carolina | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| Virginia | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 8 |
| West Virginia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| **East South Central** | **0** | **0** | **0** | **0** | **5** | **0** | **32** | **4** |
| Alabama | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 7 |
| Kentucky | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 31 |
| Mississippi | 0 | 0 | 0 | 0 | 6 | 0 | 174 | 6 |
| Tennessee | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 7 |
| **West South Central** | **0** | **0** | **0** | **0** | **5** | **0** | **7** | **2** |
| Arkansas | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 6 |
| Louisiana | 0 | 0 | 0 | 0 | 9 | 0 | 6 | 2 |
| Oklahoma | 0 | 0 | 0 | 0 | 27 | 0 | 96 | 33 |
| Texas | 0 | 0 | 0 | 0 | 13 | 0 | 11 | 3 |
| **Mountain** | **0** | **0** | **0** | **287** | **5** | **0** | **63** | **11** |
| Colorado | 0 | 0 | 0 | 0 | 558 | 0 | 62 | 71 |
| Idaho | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 14 |
| Montana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 145 |
| Nevada | 0 | 0 | 0 | 287 | 287 | 0 | 0 | 89 |
| New Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,066 |
| Utah | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| Wyoming | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| **Pacific Contiguous** | **0** | **0** | **0** | **250** | **9** | **0** | **10** | **4** |
| California | 0 | 0 | 0 | 250 | 23 | 0 | 12 | 5 |
| Oregon | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 14 |
| Washington | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 8 |
| **Pacific Noncontiguous** | **0** | **0** | **0** | **0** | **26** | **0** | **0** | **28** |
| Alaska | 0 | 0 | 0 | 0 | 99 | 0 | 0 | 50 |
| Hawaii | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 32 |
| **U.S. Total** | **0** | **0** | **0** | **147** | **3** | **0** | **5** | **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, December 2014

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

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

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

## by End-Use Sector, Census Division, and State, Year-to-Date through December 2014

| Census Region and State | Residential | Commercial | Industrial | Transportation | Total |
|---|---|---|---|---|---|
| **New England** | **0** | **0** | **3** | **0** | **0** |
| Connecticut | 0 | 1 | 4 | 0 | 1 |
| Maine | 0 | 1 | 1 | 0 | 0 |
| Massachusetts | 0 | 1 | 6 | 0 | 1 |
| New Hampshire | 0 | 1 | 4 | 0 | 1 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 |
| Vermont | 1 | 2 | 6 | 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 | 0 | 0 | 0 | 0 |
| **East North Central** | **0** | **1** | **1** | **0** | **0** |
| Illinois | 0 | 1 | 1 | 0 | 0 |
| Indiana | 0 | 1 | 2 | 0 | 1 |
| Michigan | 0 | 1 | 1 | 0 | 1 |
| Ohio | 0 | 1 | 1 | 0 | 1 |
| Wisconsin | 0 | 2 | 2 | 0 | 1 |
| **West North Central** | **0** | **1** | **1** | **0** | **1** |
| Iowa | 1 | 5 | 2 | 0 | 1 |
| Kansas | 1 | 1 | 2 | 0 | 1 |
| Minnesota | 1 | 3 | 2 | 0 | 1 |
| Missouri | 0 | 1 | 4 | 0 | 1 |
| Nebraska | 1 | 5 | 3 | 0 | 2 |
| North Dakota | 1 | 3 | 4 | 0 | 2 |
| South Dakota | 1 | 6 | 4 | 0 | 3 |
| **South Atlantic** | **0** | **0** | **1** | **0** | **0** |
| Delaware | 0 | 1 | 12 | 0 | 3 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 |
| Florida | 0 | 0 | 2 | 0 | 0 |
| Georgia | 0 | 1 | 1 | 0 | 0 |
| Maryland | 0 | 1 | 3 | 0 | 0 |
| North Carolina | 0 | 0 | 1 | 0 | 0 |
| South Carolina | 0 | 1 | 1 | 0 | 0 |
| Virginia | 0 | 0 | 1 | 0 | 0 |
| West Virginia | 0 | 0 | 0 | 0 | 0 |
| **East South Central** | **0** | **1** | **1** | **0** | **0** |
| Alabama | 0 | 1 | 1 | 0 | 0 |
| Kentucky | 1 | 1 | 2 | 0 | 1 |
| Mississippi | 1 | 1 | 1 | 0 | 1 |
| Tennessee | 0 | 1 | 4 | 0 | 1 |
| **West South Central** | **0** | **0** | **0** | **0** | **0** |
| Arkansas | 1 | 1 | 1 | 67 | 1 |
| Louisiana | 0 | 1 | 0 | 0 | 0 |
| Oklahoma | 0 | 1 | 1 | 0 | 1 |
| Texas | 0 | 0 | 1 | 0 | 0 |
| **Mountain** | **0** | **1** | **1** | **0** | **1** |
| Arizona | 0 | 2 | 2 | 0 | 1 |
| Colorado | 1 | 4 | 3 | 0 | 2 |
| Idaho | 0 | 3 | 1 | 0 | 1 |
| Montana | 1 | 5 | 3 | 0 | 2 |
| Nevada | 0 | 2 | 1 | 0 | 1 |
| New Mexico | 1 | 6 | 4 | 0 | 3 |
| Utah | 1 | 4 | 1 | 0 | 2 |
| Wyoming | 1 | 5 | 1 | 0 | 1 |
| **Pacific Contiguous** | **0** | **1** | **1** | **0** | **0** |
| California | 0 | 1 | 1 | 0 | 0 |
| Oregon | 0 | 3 | 3 | 0 | 1 |
| Washington | 0 | 3 | 2 | 0 | 1 |
| **Pacific Noncontiguous** | **1** | **3** | **1** | **0** | **1** |
| Alaska | 1 | 7 | 4 | 0 | 3 |
| Hawaii | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **0** | **0** | **0** | **0** | **0** |

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

## Table A.7.A. Relative Standard Error for Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, December 2014

| Census Region and State | Residential | Commercial | Industrial | Transportation | Total |
|---|---|---|---|---|---|
| **New England** | **9** | **7** | **2** | **38** | **5** |
| Connecticut | 21 | 11 | 3 | 0 | 12 |
| Maine | 0 | 54 | 2 | 0 | 21 |
| Massachusetts | 16 | 7 | 5 | 53 | 8 |
| New Hampshire | 0 | 1 | 4 | 0 | 1 |
| Rhode Island | 0 | 15 | 0 | 0 | 7 |
| Vermont | 2 | 2 | 6 | 0 | 2 |
| **Middle Atlantic** | **0** | **1** | **1** | **0** | **0** |
| New Jersey | 0 | 0 | 2 | 0 | 0 |
| New York | 1 | 0 | 2 | 0 | 0 |
| Pennsylvania | 0 | 2 | 2 | 0 | 1 |
| **East North Central** | **0** | **1** | **1** | **0** | **0** |
| Illinois | 1 | 1 | 3 | 0 | 1 |
| Indiana | 1 | 1 | 2 | 0 | 1 |
| Michigan | 0 | 1 | 3 | 0 | 1 |
| Ohio | 1 | 1 | 3 | 0 | 1 |
| Wisconsin | 1 | 2 | 4 | 0 | 1 |
| **West North Central** | **1** | **2** | **3** | **0** | **1** |
| Iowa | 2 | 6 | 6 | 0 | 3 |
| Kansas | 3 | 2 | 5 | 0 | 2 |
| Minnesota | 1 | 3 | 5 | 0 | 2 |
| Missouri | 1 | 1 | 5 | 0 | 1 |
| Nebraska | 2 | 6 | 8 | 0 | 3 |
| North Dakota | 1 | 4 | 7 | 0 | 3 |
| South Dakota | 2 | 7 | 10 | 0 | 3 |
| **South Atlantic** | **1** | **1** | **1** | **19** | **1** |
| Delaware | 1 | 1 | 8 | 0 | 1 |
| District of Columbia | 0 | 0 | 0 | 62 | 1 |
| Florida | 1 | 1 | 4 | 0 | 1 |
| Georgia | 2 | 1 | 3 | 0 | 1 |
| Maryland | 10 | 3 | 3 | 0 | 5 |
| North Carolina | 1 | 1 | 3 | 0 | 1 |
| South Carolina | 2 | 2 | 3 | 0 | 1 |
| Virginia | 1 | 1 | 3 | 0 | 1 |
| West Virginia | 0 | 1 | 0 | 0 | 0 |
| **East South Central** | **1** | **1** | **2** | **0** | **1** |
| Alabama | 2 | 2 | 2 | 0 | 1 |
| Kentucky | 2 | 2 | 3 | 0 | 1 |
| Mississippi | 3 | 3 | 4 | 0 | 2 |
| Tennessee | 1 | 1 | 5 | 0 | 1 |
| **West South Central** | **1** | **1** | **1** | **0** | **1** |
| Arkansas | 3 | 3 | 4 | 0 | 2 |
| Louisiana | 2 | 2 | 1 | 0 | 1 |
| Oklahoma | 3 | 2 | 5 | 0 | 2 |
| Texas | 1 | 1 | 2 | 0 | 1 |
| **Mountain** | **1** | **3** | **2** | **0** | **1** |
| Arizona | 1 | 3 | 4 | 0 | 1 |
| Colorado | 2 | 5 | 7 | 0 | 2 |
| Idaho | 1 | 4 | 4 | 0 | 1 |
| Montana | 2 | 6 | 10 | 0 | 3 |
| Nevada | 1 | 21 | 1 | 0 | 6 |
| New Mexico | 3 | 7 | 10 | 0 | 4 |
| Utah | 2 | 6 | 3 | 0 | 2 |
| Wyoming | 2 | 5 | 3 | 0 | 2 |
| **Pacific Contiguous** | **0** | **1** | **2** | **0** | **1** |
| California | 0 | 1 | 3 | 0 | 1 |
| Oregon | 1 | 7 | 8 | 0 | 2 |
| Washington | 1 | 3 | 6 | 0 | 1 |
| **Pacific Noncontiguous** | **1** | **2** | **2** | **0** | **1** |
| Alaska | 3 | 7 | 10 | 0 | 3 |
| Hawaii | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **1** | **1** | **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 December 2014

| Census Region and State | Residential | Commercial | Industrial | Transportation | Total |
|---|---|---|---|---|---|
| **New England** | **1** | **2** | **2** | **28** | **1** |
| Connecticut | 2 | 1 | 3 | 0 | 1 |
| Maine | 0 | 26 | 2 | 0 | 10 |
| Massachusetts | 2 | 1 | 4 | 54 | 1 |
| New Hampshire | 0 | 0 | 3 | 0 | 0 |
| Rhode Island | 0 | 9 | 1 | 0 | 4 |
| Vermont | 1 | 2 | 5 | 0 | 1 |
| **Middle Atlantic** | **0** | **0** | **1** | **0** | **0** |
| New Jersey | 0 | 0 | 2 | 0 | 0 |
| New York | 0 | 0 | 1 | 0 | 0 |
| Pennsylvania | 0 | 1 | 1 | 0 | 1 |
| **East North Central** | **0** | **0** | **1** | **0** | **0** |
| Illinois | 0 | 1 | 2 | 0 | 0 |
| Indiana | 0 | 1 | 2 | 0 | 1 |
| Michigan | 0 | 1 | 1 | 0 | 0 |
| Ohio | 0 | 0 | 2 | 0 | 0 |
| Wisconsin | 0 | 2 | 2 | 0 | 1 |
| **West North Central** | **0** | **1** | **1** | **0** | **0** |
| Iowa | 1 | 4 | 3 | 0 | 1 |
| Kansas | 1 | 1 | 3 | 0 | 1 |
| Minnesota | 1 | 2 | 3 | 0 | 1 |
| Missouri | 1 | 1 | 4 | 0 | 1 |
| Nebraska | 1 | 4 | 4 | 0 | 2 |
| North Dakota | 1 | 3 | 4 | 0 | 2 |
| South Dakota | 1 | 5 | 5 | 0 | 2 |
| **South Atlantic** | **0** | **0** | **1** | **14** | **0** |
| Delaware | 1 | 6 | 7 | 0 | 3 |
| District of Columbia | 0 | 3 | 0 | 41 | 2 |
| Florida | 0 | 0 | 2 | 0 | 0 |
| Georgia | 1 | 1 | 2 | 0 | 0 |
| Maryland | 1 | 1 | 2 | 0 | 1 |
| North Carolina | 0 | 1 | 2 | 0 | 0 |
| South Carolina | 1 | 1 | 1 | 0 | 0 |
| Virginia | 0 | 0 | 2 | 0 | 0 |
| West Virginia | 0 | 0 | 0 | 0 | 0 |
| **East South Central** | **0** | **1** | **1** | **0** | **0** |
| Alabama | 1 | 1 | 1 | 0 | 0 |
| Kentucky | 1 | 1 | 3 | 0 | 1 |
| Mississippi | 1 | 1 | 2 | 0 | 1 |
| Tennessee | 0 | 1 | 4 | 0 | 1 |
| **West South Central** | **0** | **0** | **1** | **0** | **0** |
| Arkansas | 1 | 1 | 2 | 74 | 1 |
| Louisiana | 1 | 1 | 1 | 0 | 0 |
| Oklahoma | 1 | 1 | 3 | 0 | 1 |
| Texas | 0 | 0 | 1 | 0 | 0 |
| **Mountain** | **0** | **2** | **1** | **0** | **1** |
| Arizona | 0 | 2 | 3 | 0 | 1 |
| Colorado | 1 | 4 | 5 | 0 | 2 |
| Idaho | 0 | 3 | 1 | 0 | 1 |
| Montana | 1 | 4 | 5 | 0 | 2 |
| Nevada | 0 | 11 | 1 | 0 | 3 |
| New Mexico | 1 | 6 | 7 | 0 | 3 |
| Utah | 1 | 4 | 2 | 0 | 2 |
| Wyoming | 1 | 4 | 2 | 0 | 1 |
| **Pacific Contiguous** | **0** | **1** | **2** | **0** | **0** |
| California | 0 | 1 | 2 | 0 | 0 |
| Oregon | 0 | 4 | 4 | 0 | 2 |
| Washington | 0 | 2 | 3 | 0 | 1 |
| **Pacific Noncontiguous** | **1** | **1** | **1** | **0** | **1** |
| Alaska | 2 | 5 | 4 | 0 | 2 |
| 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.A. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, December 2014

| Census Region and State | Residential | Commercial | Industrial | Transportation | Total |
|---|---|---|---|---|---|
| **New England** | **9** | **7** | **2** | **38** | **5** |
| Connecticut | 21 | 11 | 4 | 0 | 12 |
| Maine | 0 | 54 | 1 | 0 | 21 |
| Massachusetts | 16 | 7 | 4 | 53 | 8 |
| New Hampshire | 0 | 0 | 2 | 0 | 1 |
| Rhode Island | 0 | 15 | 0 | 0 | 7 |
| Vermont | 2 | 1 | 3 | 0 | 1 |
| **Middle Atlantic** | **0** | **1** | **1** | **0** | **0** |
| New Jersey | 0 | 0 | 1 | 0 | 0 |
| New York | 1 | 0 | 2 | 0 | 0 |
| Pennsylvania | 0 | 2 | 2 | 0 | 1 |
| **East North Central** | **0** | **0** | **1** | **0** | **0** |
| Illinois | 1 | 0 | 1 | 0 | 0 |
| Indiana | 1 | 1 | 1 | 0 | 1 |
| Michigan | 0 | 1 | 1 | 0 | 0 |
| Ohio | 0 | 0 | 1 | 0 | 0 |
| Wisconsin | 1 | 1 | 2 | 0 | 1 |
| **West North Central** | **0** | **0** | **2** | **0** | **0** |
| Iowa | 1 | 1 | 3 | 0 | 1 |
| Kansas | 1 | 2 | 4 | 0 | 1 |
| Minnesota | 1 | 1 | 3 | 0 | 1 |
| Missouri | 1 | 0 | 2 | 0 | 1 |
| Nebraska | 1 | 1 | 4 | 0 | 1 |
| North Dakota | 1 | 1 | 3 | 0 | 1 |
| South Dakota | 2 | 2 | 5 | 0 | 1 |
| **South Atlantic** | **1** | **1** | **1** | **19** | **1** |
| Delaware | 1 | 1 | 3 | 0 | 1 |
| District of Columbia | 0 | 0 | 0 | 62 | 1 |
| Florida | 0 | 1 | 3 | 0 | 0 |
| Georgia | 1 | 1 | 2 | 0 | 1 |
| Maryland | 10 | 3 | 3 | 0 | 5 |
| North Carolina | 1 | 1 | 2 | 0 | 1 |
| South Carolina | 1 | 1 | 2 | 0 | 1 |
| Virginia | 0 | 1 | 2 | 0 | 0 |
| West Virginia | 0 | 0 | 0 | 0 | 0 |
| **East South Central** | **0** | **1** | **1** | **0** | **0** |
| Alabama | 1 | 1 | 2 | 0 | 1 |
| Kentucky | 1 | 1 | 1 | 0 | 1 |
| Mississippi | 1 | 2 | 3 | 0 | 1 |
| Tennessee | 1 | 1 | 2 | 0 | 1 |
| **West South Central** | **0** | **1** | **1** | **0** | **0** |
| Arkansas | 1 | 2 | 3 | 0 | 1 |
| Louisiana | 1 | 1 | 1 | 0 | 1 |
| Oklahoma | 1 | 2 | 3 | 0 | 1 |
| Texas | 1 | 1 | 1 | 0 | 0 |
| **Mountain** | **0** | **2** | **1** | **0** | **1** |
| Arizona | 1 | 1 | 2 | 0 | 1 |
| Colorado | 1 | 1 | 4 | 0 | 1 |
| Idaho | 1 | 1 | 2 | 0 | 1 |
| Montana | 2 | 2 | 6 | 0 | 1 |
| Nevada | 0 | 21 | 1 | 0 | 6 |
| New Mexico | 2 | 2 | 6 | 0 | 2 |
| Utah | 1 | 2 | 2 | 0 | 1 |
| Wyoming | 2 | 1 | 2 | 0 | 1 |
| **Pacific Contiguous** | **0** | **1** | **1** | **0** | **0** |
| California | 0 | 0 | 1 | 0 | 0 |
| Oregon | 1 | 6 | 4 | 0 | 2 |
| Washington | 1 | 1 | 4 | 0 | 1 |
| **Pacific Noncontiguous** | **1** | **2** | **1** | **0** | **1** |
| Alaska | 2 | 3 | 5 | 0 | 2 |
| Hawaii | 0 | 0 | 0 | 0 | 0 |
| **U.S. Total** | **1** | **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 December 2014

| Census Region and State | Residential | Commercial | Industrial | Transportation | Total |
|---|---|---|---|---|---|
| **New England** | **1** | **2** | **3** | **28** | **1** |
| Connecticut | 2 | 1 | 4 | 0 | 1 |
| Maine | 0 | 26 | 2 | 0 | 10 |
| Massachusetts | 2 | 1 | 7 | 54 | 1 |
| New Hampshire | 0 | 1 | 4 | 0 | 1 |
| Rhode Island | 0 | 9 | 1 | 0 | 4 |
| Vermont | 1 | 3 | 8 | 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 | 1 | 0 | 1 |
| **East North Central** | **0** | **1** | **1** | **0** | **0** |
| Illinois | 0 | 1 | 2 | 0 | 1 |
| Indiana | 0 | 1 | 2 | 0 | 1 |
| Michigan | 0 | 2 | 1 | 0 | 1 |
| Ohio | 0 | 1 | 2 | 0 | 1 |
| Wisconsin | 0 | 3 | 2 | 0 | 1 |
| **West North Central** | **0** | **1** | **2** | **0** | **1** |
| Iowa | 1 | 6 | 3 | 0 | 2 |
| Kansas | 0 | 1 | 3 | 0 | 1 |
| Minnesota | 0 | 3 | 3 | 0 | 1 |
| Missouri | 0 | 1 | 5 | 0 | 1 |
| Nebraska | 1 | 6 | 4 | 0 | 2 |
| North Dakota | 0 | 4 | 5 | 0 | 2 |
| South Dakota | 1 | 8 | 6 | 0 | 3 |
| **South Atlantic** | **0** | **0** | **1** | **14** | **0** |
| Delaware | 0 | 7 | 13 | 0 | 4 |
| District of Columbia | 0 | 3 | 0 | 41 | 2 |
| Florida | 0 | 0 | 3 | 0 | 0 |
| Georgia | 0 | 1 | 2 | 0 | 0 |
| Maryland | 1 | 1 | 4 | 0 | 1 |
| North Carolina | 0 | 1 | 2 | 0 | 0 |
| South Carolina | 0 | 1 | 1 | 0 | 0 |
| Virginia | 0 | 0 | 2 | 0 | 0 |
| West Virginia | 0 | 1 | 0 | 0 | 0 |
| **East South Central** | **0** | **1** | **2** | **0** | **1** |
| Alabama | 0 | 1 | 1 | 0 | 0 |
| Kentucky | 0 | 2 | 3 | 0 | 1 |
| Mississippi | 0 | 1 | 3 | 0 | 1 |
| Tennessee | 0 | 2 | 5 | 0 | 1 |
| **West South Central** | **0** | **0** | **1** | **0** | **0** |
| Arkansas | 0 | 1 | 2 | 82 | 1 |
| Louisiana | 0 | 1 | 1 | 0 | 0 |
| Oklahoma | 0 | 1 | 3 | 0 | 1 |
| Texas | 0 | 0 | 1 | 0 | 0 |
| **Mountain** | **0** | **2** | **2** | **0** | **1** |
| Arizona | 0 | 2 | 3 | 0 | 1 |
| Colorado | 1 | 5 | 5 | 0 | 2 |
| Idaho | 0 | 4 | 1 | 0 | 1 |
| Montana | 1 | 6 | 5 | 0 | 2 |
| Nevada | 0 | 11 | 1 | 0 | 3 |
| New Mexico | 1 | 8 | 7 | 0 | 4 |
| Utah | 1 | 6 | 2 | 0 | 2 |
| Wyoming | 1 | 6 | 2 | 0 | 2 |
| **Pacific Contiguous** | **0** | **1** | **2** | **0** | **1** |
| California | 0 | 1 | 2 | 0 | 1 |
| Oregon | 0 | 5 | 4 | 0 | 2 |
| Washington | 0 | 3 | 3 | 0 | 1 |
| **Pacific Noncontiguous** | **1** | **3** | **1** | **0** | **1** |
| Alaska | 2 | 8 | 6 | 0 | 4 |
| 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 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 | PJM Interconnection | RFC | Unknown | Voltage Reduction due to Severe Weather - Cold | Unknown | Unknown |
| 2014 | 1 | 01/06/2014 7:50 PM | 01/06/2014 8:44 PM | 0 Hours, 54 Minutes | Potomac Electric Power Co | RFC | District of Columbia | Voltage Reduction due to Severe Weather - Cold | Unknown | Unknown |
| 2014 | 1 | 01/06/2014 7:50 PM | 01/06/2014 8:49 PM | 0 Hours, 59 Minutes | UGI Utilities, Inc | RFC | Pennsylvania | Voltage Reduction due to Severe Weather - Cold | 200 | 62000 |
| 2014 | 1 | 01/06/2014 7:52 PM | 01/06/2014 8:45 PM | 0 Hours, 53 Minutes | Delmarva Power & Light Company | RFC | Delaware | Voltage Reduction due to Severe Weather - Cold | Unknown | Unknown |
| 2014 | 1 | 01/06/2014 8:45 PM | 01/07/2014 9:00 PM | 24 Hours, 15 Minutes | PJM Interconnection | RFC | Unknown | Public Appeal due to Severe Weather - Cold | Unknown | Unknown |
| 2014 | 1 | 01/06/2014 10:00 PM | 01/06/2014 10:01 PM | 0 Hours, 1 Minutes | Louisville Gas & Electric Co | RFC | Kentucky | Public Appeal due to Severe Weather - Cold | Unknown | Unknown |
| 2014 | 1 | 01/07/2014 6:00 AM | 01/07/2014 8:30 AM | 2 Hours, 30 Minutes | Memphis Light Gas and Water Division | SERC | Tennessee | Public Appeal due to Severe Weather - Cold | Unknown | Unknown |
| 2014 | 1 | 01/07/2014 6:00 AM | 01/07/2014 8:30 AM | 2 Hours, 30 Minutes | Tennessee Valley Authority | SERC | Northeast Tennessee | Public Appeal due to Severe Weather - Cold | Unknown | Unknown |
| 2014 | 1 | 01/07/2014 7:58 AM | 01/07/2014 11:00 AM | 3 Hours, 2 Minutes | Duke Energy Progress | SERC | North Carolina | Voltage Reduction; Public Appeal due to Severe Weather - Cold | 14435 | Unknown |
| 2014 | 1 | 01/07/2014 9:30 AM | 01/08/2014 9:30 AM | 24 Hours, 0 Minutes | Duke Energy Carolinas | SERC | Piedmont North Carolina, Piedmont South Carolina | Fuel Supply Emergency due to Severe Weather - Cold | Unknown | Unknown |
| 2014 | 1 | 01/07/2014 10:59 AM | 01/09/2014 9:00 AM | 46 Hours, 1 Minutes | Prairie Power, Inc. | RFC | Illinois | Fuel Supply Emergency - Natural Gas | N/A | N/A |
| 2014 | 1 | 01/07/2014 4:15 PM | 01/08/2014 1:20 PM | 21 Hours, 5 Minutes | Duke Energy Progress | SERC | North Carolina | Public Appeal due to Severe Weather - Cold | Unknown | Unknown |
| 2014 | 1 | 01/07/2014 6:00 PM | 01/07/2014 11:00 PM | 5 Hours, 0 Minutes | South Carolina Electric and Gas | SERC | South Carolina | Voltage Reduction; Public Appeal; Load Shed 100+MW due to Severe Weather - Cold | 4853 | 677858 |
| 2014 | 1 | 01/07/2014 9:00 PM | 01/08/2014 9:00 AM | 12 Hours, 0 Minutes | PJM Interconnection | RFC | Unknown | Public Appeal due to Severe Weather - Cold | Unknown | Unknown |
| 2014 | 1 | 01/08/2014 5:00 AM | 01/08/2014 6:30 AM | 1 Hours, 30 Minutes | American Electric Power | RFC | Unknown | Voltage Reduction due to Severe Weather - Cold | 576 | Unknown |
| 2014 | 1 | 01/08/2014 6:00 AM | 01/08/2014 9:00 AM | 3 Hours, 0 Minutes | South Carolina Electric and Gas | SERC | South Carolina | Voltage Reduction; Public Appeal; Load Shed 100+MW due to Severe Weather - Cold | 4545 | 677858 |
| 2014 | 1 | 01/17/2014 10:30 AM | 01/28/2014 9:00 AM | 262 Hours, 30 Minutes | Prairie Power, Inc. | RFC | Illinois | Fuel Supply Emergency - Natural Gas | Unknown | Unknown |
| 2014 | 1 | 01/18/2014 9:00 AM | 01/18/2014 9:45 AM | 0 Hours, 45 Minutes | ERCOT | TRE | Texas | Public Appeal to Reduce Electricity Usage | Unknown | Unknown |
| 2014 | 1 | 01/18/2014 5:39 PM | . . | . Hours, . Minutes | First Energy Solutions Corp. | RFC | Unknown | Electrical System Islanding | Unknown | Unknown |
| 2014 | 1 | 01/23/2014 4:00 AM | 01/24/2014 12:00 PM | 32 Hours, 0 Minutes | Memphis Light Gas and Water Division | SERC | Tennessee | Public Appeal due to Severe Weather - Cold | Unknown | Unknown |
| 2014 | 1 | 01/23/2014 1:04 PM | 01/24/2014 9:00 AM | 19 Hours, 56 Minutes | PJM Interconnection | RFC | Maryland | Public Appeal due to Severe Weather - Cold | Unknown | Unknown |
| 2014 | 1 | 01/23/2014 4:00 PM | 01/24/2014 12:00 PM | 20 Hours, 0 Minutes | Tennessee Valley Authority | SERC | Tennessee | Public Appeal due to Severe Weather - Cold | Unknown | Unknown |
| 2014 | 1 | 01/24/2014 12:00 AM | ongoing | ongoing | We Energies | RFC | Wisconsin | Fuel Supply Emergency - Coal | Unknown | |
| 2014 | 1 | 01/27/2014 2:20 PM | 01/28/2014 9:00 PM | 30 Hours, 40 Minutes | PJM Interconnection | RFC | Maryland | Public Appeal due to Severe Weather - Cold | Unknown | Unknown |
| 2014 | 2 | 02/05/2014 12:00 AM | 02/09/2014 6:00 PM | 114 Hours, 0 Minutes | FirstEnergy Corp: Potomac Edison | RFC | Maryland, West Virginia | Severe Weather - Snow/Ice | Unknown | 101580 |
| 2014 | 2 | 02/05/2014 1:00 AM | 02/09/2014 8:40 PM | 115 Hours, 40 Minutes | FirstEnergy Corp: Met-Ed | RFC | Pennsylvania | Severe Weather - Snow/Ice | Unknown | 144000 |
| 2014 | 2 | 02/05/2014 5:00 AM | 02/05/2014 5:01 AM | 0 Hours, 1 Minutes | Exelon Corporation/PECO | RFC | Pennsylvania | Severe Weather - Snow/Ice | Unknown | 715000 |
| 2014 | 2 | 02/05/2014 7:00 AM | 02/23/2014 7:00 AM | 432 Hours, 0 Minutes | Upstate New York Power Producers | NPCC | New York | Fuel Supply Emergency - Coal | 300 | Unknown |
| 2014 | 2 | 02/05/2014 7:35 AM | 02/07/2014 4:03 AM | 44 Hours, 28 Minutes | PPL Electric Utilities Corp | RFC | Lancaster Region, Pennsylvania | Severe Weather - Snow/Ice | Unknown | 62159 |
| 2014 | 2 | 02/05/2014 8:05 AM | 02/05/2014 8:06 AM | 0 Hours, 1 Minutes | Baltimore Gas & Electric Company | RFC | Baltimore, Maryland | Severe Weather - Ice | 800 | 181000 |
| 2014 | 2 | 02/06/2014 1:00 PM | 02/06/2014 10:00 PM | 9 Hours, 0 Minutes | California ISO | WECC | California | Fuel Supply Emergency - Natural Gas | 4000 | Unknown |
| 2014 | 2 | 02/06/2014 1:05 PM | 02/06/2014 7:15 PM | 6 Hours, 10 Minutes | Pacific Gas & Electric Co | WECC | Northern California | Fuel Supply Emergency - Natural Gas | 160 | Unknown |
| 2014 | 2 | 02/06/2014 1:58 PM | 02/06/2014 8:40 PM | 6 Hours, 42 Minutes | American Electric Power | TRE | Rio Grande Valley Texas | Public Appeal to Reduce Electricity Usage | Unknown | Unknown |
| 2014 | 2 | 02/06/2014 2:15 PM | 02/06/2014 7:39 PM | 5 Hours, 24 Minutes | Southern California Edison | WECC | California | Fuel Supply Emergency - Natural Gas | 611 | Unknown |
| 2014 | 2 | 02/06/2014 3:35 PM | 02/07/2014 11:30 AM | 19 Hours, 55 Minutes | ERCOT | TRE | ERCOT Region Texas | Public Appeal to Reduce Electricity Usage | Unknown | Unknown |
| 2014 | 2 | 02/07/2014 7:00 AM | 03/21/2014 8:00 AM | 1,009 Hours, 0 Minutes | Somerset Operating Company, LLC | NPCC | Niagara County New York | Fuel Supply Emergency - Coal | 675 | Unknown |
| 2014 | 2 | 02/07/2014 4:30 PM | 02/08/2014 9:00 AM | 16 Hours, 30 Minutes | ERCOT | TRE | ERCOT Region Texas | Public Appeal to Reduce Electricity Usage | Unknown | Unknown |
| 2014 | 2 | 02/07/2014 4:50 PM | 02/07/2014 8:30 PM | 3 Hours, 40 Minutes | American Electric Power | TRE | Texas | Public Appeal to Reduce Electricity Usage | Unknown | Unknown |
| 2014 | 2 | 02/12/2014 7:48 AM | 02/15/2014 4:30 AM | 68 Hours, 42 Minutes | Southern Company | SERC | Northern/Northeastern Georgia | Severe Weather - Snow/Ice | 1246 | 373835 |
| 2014 | 2 | 02/12/2014 11:03 AM | 02/15/2014 8:40 AM | 69 Hours, 37 Minutes | South Carolina Electric and Gas | SERC | South Carolina | Severe Weather - Snow/Ice | 700 | 120124 |
| 2014 | 2 | 02/12/2014 12:10 PM | 02/15/2014 3:20 PM | 75 Hours, 10 Minutes | Duke Energy Progress | SERC | North Carolina | Severe Weather - Snow/Ice | Unknown | 200000 |
| 2014 | 2 | 02/20/2014 4:40 PM | 02/21/2014 11:59 PM | 31 Hours, 19 Minutes | Ameren Missouri | SERC | Missouri, Illinois | Severe Weather - Snow/Ice | Unknown | 66000 |
| 2014 | 2 | 02/21/2014 2:53 AM | 02/21/2014 9:00 PM | 18 Hours, 7 Minutes | Southern Company | SERC | Northern/Northeastern Georgia | Severe Weather - Thunderstorms/High Winds | 221 | 66445 |
| 2014 | 3 | 03/02/2014 7:00 PM | 03/04/2014 9:00 AM | 38 Hours, 0 Minutes | ERCOT | TRE | ERCOT Region Texas | Public Appeal due to Severe Weather - Cold | N/A | N/A |
| 2014 | 3 | 03/03/2014 1:48 AM | 03/03/2014 1:49 AM | 0 Hours, 1 Minutes | Public Utility District #1 of Chelan County (CHPD) | WECC | Mid-Columbia River Generation, Washington | Fuel Supply Emergency - Hydro | 630 | Unknown |
| 2014 | 3 | 03/03/2014 6:40 AM | 03/03/2014 3:28 PM | 8 Hours, 48 Minutes | Tennessee Valley Authority | SERC | Tennessee | Severe Weather - Winter Storm | Unknown | 65904 |
| 2014 | 3 | 03/04/2014 9:06 AM | 03/17/2014 9:06 AM | 312 Hours, 0 Minutes | Wisconsin Public Service Corp | MRO | Weston, Wisconsin | Fuel Supply Emergency - Coal | Unknown | Unknown |
| 2014 | 3 | 03/07/2014 3:30 AM | 03/07/2014 9:00 PM | 17 Hours, 30 Minutes | Duke Energy Carolinas | SERC | Triad, North Carolina | Severe Weather - Winter Storm | 1500 | 370900 |
| 2014 | 3 | 03/12/2014 7:35 PM | 03/13/2014 12:00 PM | 16 Hours, 25 Minutes | Duke Energy Carolinas | SERC | North Carolina | Severe Weather - High Winds | 250 | 61377 |
| 2014 | 3 | 03/26/2014 1:37 PM | 03/26/2014 2:33 PM | 0 Hours, 56 Minutes | Peak Reliability | WECC | Montana | Electrical System Separation (Islanding) | Unknown | Unknown |
| 2014 | 3 | 03/31/2014 3:41 PM | 03/31/2014 8:08 PM | 4 Hours, 27 Minutes | Puerto Rico Electric Power Authority | N/A | Puerto Rico | System Wide Voltage Reduction | Unknown | Unknown |
| 2014 | 4 | 04/03/2014 12:00 AM | ongoing | ongoing | City of Garland / Texas Municipal Power Agency | TRE | Texas | Fuel Supply Emergency - Coal | Unknown | Unknown |
| 2014 | 4 | 04/03/2014 2:45 PM | 04/09/2014 11:53 AM | 141 Hours, 8 Minutes | We Energies | MRO | Wisconsin | Fuel Supply Emergency - Coal | Unknown | Unknown |
| 2014 | 4 | 04/04/2014 3:30 AM | 04/04/2014 8:15 AM | 4 Hours, 45 Minutes | Entergy Services, Inc. | SERC | Central Arkansas | Severe Weather - Wind | Unknown | 57200 |
| 2014 | 4 | 04/08/2014 11:09 AM | 04/08/2014 11:20 AM | 0 Hours, 11 Minutes | Puerto Rico Electric Power Authority | N/A | Puerto Rico | Voltage Reduction | Unknown | Unknown |
| 2014 | 4 | 04/12/2014 6:15 PM | 04/14/2014 9:00 AM | 38 Hours, 45 Minutes | Consumers Energy | RFC | Western and Central Michigan | Severe Weather - Thunderstorms | Unknown | 50000 |
| 2014 | 4 | 04/12/2014 8:00 PM | 04/15/2014 7:30 PM | 71 Hours, 30 Minutes | Detroit Edison Company | RFC | Michigan | Severe Weather | Unknown | 164000 |
| 2014 | 4 | 04/23/2014 7:45 PM | 04/23/2014 8:37 PM | 0 Hours, 52 Minutes | MISO / Entergy Transmission | SERC | Baton Rouge, Louisiana | Load shedding of 100 Megawatts | 163 | 28000 |
| 2014 | 4 | 04/24/2014 3:02 PM | 04/24/2014 5:13 PM | 2 Hours, 11 Minutes | Peak Reliability | WECC | Alberta, Canada | Electrical System Separation (Islanding) | Unknown | Unknown |
| 2014 | 4 | 04/27/2014 9:15 AM | ongoing | ongoing | Peak Reliability | WECC | Alberta, Canada | Electrical System Separation (Islanding) | 9750 | 4000000 |
| 2014 | 4 | 04/29/2014 9:37 AM | 05/01/2014 9:00 AM | 47 Hours, 23 Minutes | Tennessee Valley Authority | SERC | Northeastern Mississippi, Northern Alabama | Severe Weather - Thunderstorms | Unknown | 57000 |
| 2014 | 4 | 04/29/2014 11:30 PM | 04/29/2014 12:30 PM | -11 Hours, 0 Minutes | Southern Company | SERC | Mississippi, Alabama | Severe Weather - Thunderstorms | 355 | 106648 |
| 2014 | 4 | 04/30/2014 3:50 AM | 04/30/2014 2:00 PM | 10 Hours, 10 Minutes | Southern Company | SERC | Alabama, Florida, Georgia | Severe Weather - Thunderstorms | 296 | 89000 |

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

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

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

**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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Issues within historical data series:**

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

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

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

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

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

**Sensitive data:** Most of the data collected on the Form EIA-923 are not considered business sensitive. However, the cost of fuel delivered to nonutilities, commodity cost of fossil fuels, and reported fuel stocks at the end of the reporting period are considered business sensitive and must adhere to EIA's "Policy on the Disclosure of Individually Identifiable Energy Information in the Possession of the EIA" (45Federal Register 59812 (1980)).

## Average Capacity Factors

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

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

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

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

## NERC classification

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

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

The new NERC Regional Council names are as follows:

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

## Business classification

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

**Agriculture, Forestry, and Fishing**

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

**Mining**

211 Oil and gas extraction
2121 Coal mining
2122 Metal mining

2123 Mining and quarrying of nonmetallic minerals except fuels

**Construction**

23

**Manufacturing**

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

**Transportation and Public Utilities**

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

**Wholesale Trade**

421 to 422

**Retail Trade**

441 to 454

**Finance, Insurance, and Real Estate**

521 to 533

**Services**

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

**Public Administration**

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[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, December 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 | 20.97 | 6.32 | -- | 1.03 |
| Connecticut | 18.41 | 6.29 | -- | 1.03 |
| Maine | 24.89 | 6.36 | -- | 1.02 |
| Massachusetts | 21.36 | 5.80 | -- | 1.03 |
| New Hampshire | 24.99 | 6.30 | -- | 1.03 |
| Rhode Island | -- | -- | -- | 1.03 |
| Vermont | -- | -- | -- | -- |
| Middle Atlantic | 24.16 | 6.40 | -- | 1.04 |
| New Jersey | 25.99 | 5.82 | -- | 1.04 |
| New York | 24.58 | 6.84 | -- | 1.03 |
| Pennsylvania | 24.06 | 5.79 | -- | 1.04 |
| East North Central | 20.06 | 5.78 | 28.49 | 1.04 |
| Illinois | 17.65 | 5.81 | -- | 1.00 |
| Indiana | 22.13 | 5.75 | 29.30 | 1.04 |
| Michigan | 19.40 | 5.82 | 27.92 | 1.03 |
| Ohio | 24.20 | 5.77 | 28.67 | 1.05 |
| Wisconsin | 17.93 | 5.86 | 27.70 | 1.04 |
| West North Central | 16.78 | 5.80 | -- | 1.04 |
| Iowa | 17.47 | 5.75 | -- | 1.05 |
| Kansas | 17.42 | 5.82 | -- | 1.04 |
| Minnesota | 17.81 | 5.74 | -- | 1.05 |
| Missouri | 17.64 | 5.79 | -- | 1.03 |
| Nebraska | 16.91 | 5.75 | -- | 1.05 |
| North Dakota | 12.95 | 5.87 | -- | 0.98 |
| South Dakota | 16.67 | -- | -- | 1.02 |
| South Atlantic | 23.57 | 6.04 | 28.33 | 1.03 |
| Delaware | 25.97 | 5.67 | -- | 1.07 |
| District of Columbia | -- | -- | -- | -- |
| Florida | 23.61 | 6.29 | 28.45 | 1.03 |
| Georgia | 19.60 | 5.80 | 27.71 | 1.03 |
| Maryland | 25.00 | 5.81 | -- | 1.06 |
| North Carolina | 24.97 | 5.78 | -- | 1.03 |
| South Carolina | 24.99 | 5.96 | -- | 1.03 |
| Virginia | 22.61 | 6.11 | -- | 1.05 |
| West Virginia | 24.75 | 5.74 | -- | 1.06 |
| East South Central | 21.14 | 5.77 | 28.49 | 1.03 |
| Alabama | 20.00 | 5.78 | -- | 1.03 |
| Kentucky | 22.70 | 5.84 | 28.49 | 1.03 |
| Mississippi | 16.40 | 5.84 | -- | 1.04 |
| Tennessee | 20.73 | 5.76 | -- | 1.01 |
| West South Central | 15.95 | 5.84 | 28.82 | 1.03 |
| Arkansas | 17.59 | 5.87 | -- | 1.03 |
| Louisiana | 15.81 | 5.80 | 28.82 | 1.04 |
| Oklahoma | 17.27 | 5.79 | -- | 1.04 |
| Texas | 15.41 | 5.85 | -- | 1.03 |
| Mountain | 18.82 | 5.77 | -- | 1.04 |
| Arizona | 19.42 | 5.62 | -- | 1.03 |
| Colorado | 18.99 | 5.76 | -- | 1.07 |
| Idaho | -- | -- | -- | 1.02 |
| Montana | 17.04 | 5.92 | -- | -- |
| Nevada | 20.48 | 5.84 | -- | 1.04 |
| New Mexico | 17.85 | 5.66 | -- | 1.04 |
| Utah | 21.97 | 5.76 | -- | 1.04 |
| Wyoming | 17.76 | 5.84 | -- | 1.05 |
| Pacific Contiguous | 17.76 | 5.90 | -- | 1.03 |
| California | 23.03 | -- | -- | 1.03 |
| Oregon | 17.41 | -- | -- | 1.01 |
| Washington | 17.26 | 5.90 | -- | 1.05 |
| Pacific Noncontiguous | 20.15 | 6.20 | -- | 1.00 |
| Alaska | -- | -- | -- | 1.00 |
| Hawaii | 20.15 | 6.20 | -- | -- |
| U.S. Total | 19.37 | 6.17 | 28.56 | 1.03 |

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

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

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

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

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

| Item | 2011 | | | 2012 | | | 2013 | | |
|---|---|---|---|---|---|---|---|---|---|
| | Preliminary Annual Data | Final Annual Data | Percent Change | Preliminary Annual Data | Final Annual Data | Percent Change | Preliminary Annual Data | Final Annual Data | Percent Change |
| **Net Generation (Thousand MWh)** | | | | | | | | | |
| Coal | 1,734,265 | 1,733,430 | -0.05% | 1,517,203 | 1,514,043 | -0.21% | 1,585,998 | 1,581,115 | -0.31% |
| Petroleum Liquids | 15,840 | 16,086 | 1.56% | 13,209 | 13,403 | 1.47% | 13,410 | 13,820 | 3.06% |
| Petroleum Coke | 12,322 | 14,096 | 14.39% | 9,691 | 9,787 | 0.99% | 13,453 | 13,344 | -0.81% |
| Natural Gas | 1,016,595 | 1,013,689 | -0.29% | 1,230,708 | 1,225,894 | -0.39% | 1,113,665 | 1,124,836 | 1.00% |
| Other Gases | 11,269 | 11,566 | 2.64% | 11,212 | 11,898 | 6.11% | 12,271 | 12,853 | 4.75% |
| Hydroelectric | 319,162 | 312,934 | -1.95% | 271,878 | 271,290 | -0.22% | 264,713 | 263,884 | -0.31% |
| Nuclear | 790,225 | 790,204 | 0.00% | 769,331 | 769,331 | 0.00% | 789,017 | 789,016 | 0.00% |
| Other | 206,057 | 208,135 | 1.01% | 231,253 | 232,120 | 0.37% | 265,683 | 267,096 | 0.53% |
| **Total** | **4,105,734** | **4,100,141** | **-0.14%** | **4,054,485** | **4,047,765** | **-0.17%** | **4,058,209** | **4,065,964** | **0.19%** |
| **Consumption of Fossil Fuels for Electricity Generation** | | | | | | | | | |
| Coal (1,000 tons) | 932,911 | 934,938 | 0.22% | 826,700 | 825,734 | -0.12% | 860,790 | 860,729 | -0.01% |
| Petroleum Liquids (1,000 barrels) | 26,728 | 27,326 | 2.24% | 22,523 | 22,604 | 0.36% | 22,751 | 23,231 | 2.11% |
| Petroleum Coke (1,000 tons) | 4,561 | 5,012 | 9.89% | 3,552 | 3,675 | 3.44% | 4,893 | 4,852 | -0.83% |
| Natural Gas (1,000 Mcf) | 7,880,481 | 7,883,865 | 0.04% | 9,465,207 | 9,484,710 | 0.21% | 8,512,483 | 8,596,299 | 0.98% |
| **Fuel Stocks for Electric Power Sector** | | | | | | | | | |
| Coal (1,000 tons) | 175,100 | 172,387 | -1.55% | 184,923 | 185,116 | 0.10% | 147,973 | 147,884 | -0.06% |
| Petroleum Liquids (1,000 barrels) | 35,260 | 34,847 | -1.17% | 31,897 | 32,224 | 1.03% | 31,045 | 31,673 | 2.03% |
| Petroleum Coke (1,000 tons) | 470 | 508 | 8.17% | 495 | 495 | -0.01% | 390 | 390 | -0.01% |
| **Retail Sales (Million kWh)** | | | | | | | | | |
| Residential | 1,423,700 | 1,422,801 | -0.06% | 1,374,594 | 1,374,515 | -0.01% | 1,391,090 | 1,394,919 | 0.28% |
| Commercial | 1,319,288 | 1,328,057 | 0.66% | 1,323,844 | 1,327,101 | 0.25% | 1,338,448 | 1,344,207 | 0.43% |
| Industrial | 975,569 | 991,316 | 1.61% | 980,837 | 985,714 | 0.50% | 954,725 | 978,352 | 2.47% |
| Transportation | 7,606 | 7,672 | 0.87% | 7,504 | 7,320 | -2.45% | 7,525 | 7,625 | 1.32% |
| **Total** | **3,726,163** | **3,749,846** | **0.64%** | **3,686,780** | **3,694,650** | **0.21%** | **3,691,789** | **3,725,103** | **0.90%** |
| **Revenue (Million Dollars)** | | | | | | | | | |
| Residential | 167,930 | 166,714 | -0.72% | 163,352 | 163,280 | -0.04% | 168,546 | 169,113 | 0.34% |
| Commercial | 136,138 | 135,927 | -0.16% | 133,908 | 133,898 | -0.01% | 137,778 | 138,224 | 0.32% |
| Industrial | 67,212 | 67,606 | 0.59% | 65,691 | 65,761 | 0.11% | 65,111 | 66,909 | 2.76% |
| Transportation | 805 | 803 | -0.25% | 754 | 747 | -0.90% | 773 | 805 | 4.08% |
| **Total** | **372,084** | **371,049** | **-0.28%** | **363,705** | **363,687** | **0.00%** | **372,208** | **375,050** | **0.76%** |
| **Average Retail Price (Cents/kWh)** | | | | | | | | | |
| Residential | 11.80 | 11.72 | -0.66% | 11.88 | 11.88 | -0.04% | 12.12 | 12.12 | 0.06% |
| Commercial | 10.32 | 10.24 | -0.81% | 10.12 | 10.09 | -0.25% | 10.29 | 10.28 | -0.11% |
| Industrial | 6.89 | 6.82 | -1.01% | 6.70 | 6.67 | -0.39% | 6.82 | 6.84 | 0.28% |
| Transportation | 10.58 | 10.46 | -1.11% | 10.05 | 10.21 | 1.59% | 10.28 | 10.55 | 2.72% |
| **Total** | **9.99** | **9.90** | **-0.91%** | **9.87** | **9.84** | **-0.22%** | **10.08** | **10.07** | **-0.14%** |
| **Receipt of Fossil Fuels** | | | | | | | | | |
| Coal (1,000 tons) | 945,581 | 956,538 | 1.16% | 849,667 | 841,183 | -1.00% | 803,206 | 823,222 | 2.49% |
| Petroleum Liquids (1,000 barrels) | 34,342 | 36,158 | 5.29% | 25,485 | 19,464 | -23.63% | 20,348 | 20,413 | 0.32% |
| Petroleum Coke (1,000 tons) | 5,163 | 5,980 | 15.82% | 4,858 | 4,180 | -13.95% | 4,555 | 4,660 | 2.31% |
| Natural Gas (1,000 Mcf) | 9,025,066 | 9,056,164 | 0.34% | 10,631,822 | 9,531,389 | -10.35% | 8,463,303 | 8,503,424 | 0.47% |
| **Cost of Fossil Fuels (Dollars per Million Btu)** | | | | | | | | | |
| Coal (1,000 tons) | 2.40 | 2.39 | -0.25% | 2.40 | 2.38 | -0.89% | 2.35 | 2.34 | -0.12% |
| Petroleum Liquids (1,000 barrels) | 20.10 | 19.94 | -0.76% | 21.82 | 21.85 | 0.12% | 20.59 | 20.56 | -0.12% |
| Petroleum Coke (1,000 tons) | 2.80 | 3.03 | 8.27% | 2.54 | 2.24 | -11.90% | 2.16 | 2.17 | 0.70% |
| Natural Gas (1,000 Mcf) | 4.71 | 4.72 | 0.41% | 3.40 | 3.42 | 0.64% | 4.33 | 4.33 | 0.03% |

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

## Table C.4. Unit of Measure Equivalents for Electricity

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

Source: U.S. Energy Information Administration

# Glossary

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Geothermal:** Pertaining to heat within the Earth.

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

**Gigawatt (GW):** One billion watts.

**Gigawatthour (GWh):** One billion watthours.

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

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

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

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

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

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

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

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

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

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

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

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

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

**Kilowatt (kW):** One thousand watts.

**Kilowatthour (kWh):** One thousand watthours.

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

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

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

**Mcf:** One thousand cubic feet.

**Megawatt (MW):** One million watts of electricity.

**Megawatthour (MWh):** One million watthours.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Petroleum coke:** See Coke (petroleum).

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

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

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

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

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

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

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

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

**Receipts:** Purchases of fuel.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Terrawatt:** One trillion watts.

**Terrawatthour:** One trillion kilowatthours.

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

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

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

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

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

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

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

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

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

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

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